



2021 MARCQI Annual Report Specifications Document

Contents

Section	Page
1. Introduction	2
2. Specifications for hip chapter	3
3. Catalog numbers of implants in MARCQI database for THA cases	54
4. Specification for knee chapter	150
5. Catalog numbers of implants in MARCQI database for knee cases	203

Introduction

This document provides supplemental information to the 2019 MARCQI annual report for **only** the hip and knee chapters. It also provides details on figures and table as well as catalog numbers for implants included in the analysis of individual products and product combinations. That is, pages 53 through 149 contain the catalog numbers for the hip implant-specific reporting pages of the annual report (pages 20-81, 84-133, 135-158, and 163-164). Similarly, pages 203-272 provide catalog numbers for knee implant-specific reports found on pages 187-247, 255-261 of the annual report.

Specifications for hip chapter

Section 2.1. Descriptive statistics for all hip replacements.

Caption: THA cases over time.

Description of figure	Line drawing showing cumulative THA cases (primary + revision) over time by year.
Inclusion criteria	All THA cases, including conversion and resurfacing
Exclusion criteria	All TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of THA arthroplasty cases by primary or revision.

Description of figure	This is a pie chart that gives the percentage of primary and revision THA cases. It is used to give the reader a general sense of this breakdown before we clearly state that the rest of the chapter will focus on primary procedures and – where appropriate – time to first revision.
Inclusion criteria	All THA cases, including conversion and resurfacing
Exclusion criteria	All TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of THA cases.

Description of figure	Descriptive statistics for those patients having THA.
Inclusion criteria	All THA cases, including conversion and resurfacing
Exclusion criteria	TKA, UKA, and PFJ cases
Time window	2/15/2012 to 12/31/19

Subsection 2.1.1 Primary THA cases

Caption: Primary THA cases over time.

Description of figure	Line drawing showing cumulative primary THA cases over time by year.
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	All TKA, UKA, PFJ cases, revision THA cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary THA cases.

Description of figure	Descriptive statistics for those patients having primary THA.
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	TKA, UKA, and PFJ cases; revision THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary THA cases by sex.

Description of figure	Percent of primary THA cases by sex.
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	(1) TKA cases, (2) revision hip cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Age distribution of primary THA cases by sex.

Description of figure	Histogram showing percentage breakdown of primary THA cases by sex over age. X-axis is age. Plot three lines: male, female, and unknown. Unknown may be so small we should exclude it (approx. 0.06% overall). Denominator for each line is the number of that sex. For example, the point at 20 years of age for males would be the number of males aged 20 divided by the total number of males.
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary THA cases by approach.

Description of figure	Bar chart. Percent of THA cases using approach. Categories are: anterior, anterolateral, posterior, transtrochanteric, and unknown/other
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary THA cases by diagnosis.

Description of figure	Bar chart showing percent of THA cases by diagnosis. Categories include: avascular necrosis, diagnosis coding missing, error, excluded cases, inflammatory arthritis, osteoarthritis, other, post-infection arthritis, revision diagnosis, secondary arthritis, and traumatic arthritis.
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary THA cases by ASA class.

Description of figure	Bar chart showing percent of THA cases by ASA class. Categories are ASA I, ASA II, ASA III, ASA IV, ASA V, and Unknown
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary THA patients (first case) by thrombosis prophylaxis.

Description of figure	Pie chart showing percent of patients (first case) by thrombosis prophylaxis. Categories include aspirin, anticoagulation, both, and none.
Inclusion criteria	All primary THA cases being the first primary THA case for each patient, including conversion and resurfacing.
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) primary THA cases that are not the first primary THA for the patient
Time window	2/15/12 to 12/31/19

Caption: Percent of primary THA cases by procedure.

Description of figure	Percent of THA cases by type of procedure. Categories include conventional, conversion, and resurfacing.
Inclusion criteria	All primary THA cases, including conversion and resurfacing
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases
Time window	10/1/15 to 12/31/19

Section 2.2 Conventional THA cases

Caption: Percent of primary conventional THA patients (first case) by thrombosis prophylaxis.

Description of figure	Pie chart showing percent of patients (first case) by thrombosis prophylaxis. Categories include aspirin, anticoagulation, both, and none.
Inclusion criteria	All primary conventional and conversion THA cases being the first primary THA case for each patient
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) primary THA cases that are not the first primary THA for the patient, and (4) resurfacing THA cases
Time window	2/15/12 to 12/31/19

Subsection 2.2.1 Conventional THA stem fixation

Caption: Distribution of stem fixation in primary conventional THA cases.

Description of figure	<p>Percent of primary THA cases by stem fixation. There should be three wedges: (1) percent stems cemented, (2) percent stems uncemented, and (3) percent unknown/missing. The cemented stem category should include hybrid cases and cases. The uncemented stem should category should include cases with cemented stems. However, all cases with cemented cups should be excluded (fully cemented and reverse hybrid cases).</p> <p>The three wedges should be based on the variable Hip_FemoralFixation_Value:</p> <ol style="list-style-type: none"> 1. Percent stems cemented. This should be “Cemented” value. 2. Percent stems uncemented. This should be “Uncemented” value 3. Percent unknown/missing should be the combined “unable to determine” and “Not replaced”
Inclusion criteria	All primary conventional THA cases that do not have cemented cups. That means it includes uncemented and hybrid cases.
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) THA cases that have cemented cups (this means fully cemented and reverse hybrid cases).
Time window	1/1/2017 to 12/31/19

Caption: Descriptive statistics of primary conventional THA cases by stem fixation.

Description of figure	Description of THA cases by stem fixation. The uncemented stem should category should include cases with cemented stems. However, all cases with cemented cups should be excluded (fully cemented and reverse hybrid cases).
Inclusion criteria	All primary conventional THA cases that do not have cemented cups. That means it includes uncemented and hybrid cases.
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) THA cases that have cemented cups (this means fully cemented and reverse hybrid cases).
Time window	1/1/2017 to 12/31/19

Caption: Histogram of age for primary conventional THA cases by stem fixation for men.

Description of figure	Histogram of age for men having primary conventional THA broken down by femoral stem fixation. One set of bars should be for cases having a cemented stem and the other bars should be for cases with uncemented stems.
Inclusion criteria	All primary conventional THA cases done in men
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) female cases
Time window	1/1/2017 to 12/31/19

Caption: Histogram of age for primary conventional THA cases by stem fixation for women.

Description of figure	Histogram of age for women having primary conventional THA broken down by femoral stem fixation. One set of bars should be for cases having a cemented stem and the other bars should be for cases with uncemented stems.
Inclusion criteria	All primary conventional THA cases done in women
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) male cases
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation.

Description of figure	CPR curves for cases done with cemented and uncemented stems. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases not having cemented cups.
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) THA cases having cemented cups
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation (numerical values).

Description of figure	CPR numerical values for cases done with cemented and uncemented stems. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation for men.

Description of figure	CPR curves for cases done with cemented and uncemented stems for men. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases for males not having cemented cups.
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) females
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation for men (numerical values).

Description of figure	CPR numerical values for cases done in men with cemented and uncemented stems. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases in males
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) females
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation for women.

Description of figure	CPR curves for cases done with cemented and uncemented stems for women. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases for females not having cemented cups.
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) males
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation for women (numerical values).

Description of figure	CPR numerical values for cases done in women with cemented and uncemented stems. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases in females
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) females
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation for women 70 years or older.

Description of figure	CPR curves for cases done with cemented and uncemented stems for women who are at least 70 years of age. There should be one curve for cemented stems and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases for females who are at least 70 years of age and not having cemented cups.
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) males, (6) under 70 years of age
Time window	1/1/2017 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by stem fixation for women 70 years or older (numerical values).

Description of figure	CPR numerical values for cases done in women who are 75 years or older with cemented and uncemented stems. Note that this analysis excludes all cases with cemented cups.
Inclusion criteria	All primary conventional THA cases in females who are at least 70 years old
Exclusion criteria	(1) TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) females, (6) under 70 years of age
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary cemented stem cases.

Description of figure	Reasons for revision for primary conventional THA cases using cemented stems
Inclusion criteria	All first revision cases performed for primary conventional THA cases
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) uncemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary cemented stem cases in first year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases using cemented stems in which revision occurs within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases within 365 days of primary procedure that have cemented stems
Exclusion criteria	(2) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) uncemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary cemented stem cases in second year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases using cemented stems in which revision occurs between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases using cemented stems in which revision occurs between 366 and 730 days of the primary procedure
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) uncemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary cemented stem cases in third year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases using cemented stems occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for primary conventional THA cases occurring between 731 and 1095 days of the primary procedure that have cemented stems
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days, (6) uncemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases.

Description of figure	Reasons for revision for primary conventional THA cases using uncemented stems
Inclusion criteria	All first revision cases performed for primary conventional THA cases
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) cemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in first year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases using uncemented stems in which revision occurs within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases within 365 days of primary procedure that have uncemented stems
Exclusion criteria	(2) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) cemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in second year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases using uncemented stems in which revision occurs between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases using uncemented stems in which revision occurs between 366 and 730 days of the primary procedure
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) cemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in third year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases using uncemented stems occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for primary conventional THA cases occurring between 731 and 1095 days of the primary procedure that have uncemented stems
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed less than or equal to 730 days of primary procedure or greater than or equal to 1096 days, (6) cemented stem
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary cemented stem cases in women at least 70 years of age.

Description of figure	Reasons for revision for primary conventional THA cases in women at least 70 years of age
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) uncemented stem, (6) males, (7) age less than 70
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary cemented stem cases in women at least 70 years of age in first year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases in women at least 70 years of age using cemented stems in which revision occurs within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age within 365 days of primary procedure that have cemented stems
Exclusion criteria	(2) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) uncemented stem, (7) males, (8) age less than 70
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in women at least 70 years of age.

Description of figure	Reasons for revision for primary conventional THA cases in women at least 70 years of age
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (5) cemented stem, (6) males, (7) age less than 70
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in women at least 70 years of age in first year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases in women at least 70 years of age using uncemented stems in which revision occurs within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age within 365 days of primary procedure that have uncemented stems
Exclusion criteria	(2) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) cemented stem, (7) males, (8) age less than 70
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in women at least 70 years of age in second year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases in women at least 70 years of age using uncemented stems in which revision occurs between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age using uncemented stems in which revision occurs between 366 and 730 days of the primary procedure
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) cemented stem, (7) males, (8) age less than 70
Time window	1/1/2017 to 12/31/19

Caption: Reasons for revision following primary uncemented stem cases in women at least 70 years of age in third year post-operatively.

Description of figure	Reasons for revision for primary conventional THA cases in women at least 70 years of age using uncemented stems occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age occurring between 731 and 1095 days of the primary procedure that have uncemented stems
Exclusion criteria	(1) All TKA, PFJ, UKA cases, (2) revision THA cases, (3) conversion THA cases, (4) resurfacing THA cases, (5) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days, (6) cemented stem, (7) males, (8) age less than 70
Time window	1/1/2017 to 12/31/19

Subection 2.2.2 Most commonly used conventional THA implants

Caption: Ten most commonly used femoral components in primary total conventional THA.

Description of figure	Top 10 most commonly used femoral THA components used in primary conventional THA cases.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Ten most commonly used acetabular components in primary total conventional THA.

Description of figure	Top 10 most commonly used acetabular shells used in primary conventional THA cases.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Ten most commonly used femoral/acetabular component combinations used in primary total conventional THA.

Description of figure	Top ten most commonly used stem/cup combinations used in primary conventional THA cases.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percentage of polyethylene liners by type of polyethylene for primary conventional THA.

Description of figure	Distribution of type of polyethylene in liners used in primary conventional THA cases.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percentage of bearing surface couple for primary conventional THA.

Description of figure	Percentage of bearing surface couple for conventional hip replacement, including MoP, CoP, CoC and dual mobility
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of head sizes for primary conventional THA, excluding dual mobility cases.

Description of figure	Distribution of head sizes for primary conventional THA.
Inclusion criteria	All primary conventional THA cases (including conversions) but not including dual mobility cases.
Exclusion criteria	All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases, (5) dual mobility cases.
Time window	2/15/2012 to 12/31/19

Subsection 2.2.3 Conventional THA revision risk summary

Reasons for first revision following primary conventional THA.

Description of figure	Reasons for first revision following primary THA
Inclusion criteria	All first revision cases following primary conventional THA, including conversions
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) resurfacing cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary conventional THA in first year post-operatively.

Description of figure	Reasons for first revision following primary THA for revisions occurring within 365 days of the primary procedure
Inclusion criteria	All first revision cases following primary conventional THA (including conversions) performed within 365 days of the primary procedure
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) resurfacing cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary conventional THA in second year post-operatively.

Description of figure	Reasons for first revision following primary THA for revisions occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases following primary conventional THA (including conversions) performed between 366 days and within 730 days of the primary procedure
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) resurfacing cases, (4) cases not occurring between 366 and 730 days
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary conventional THA in third year post-operatively.

Description of figure	Reasons for first revision following primary THA for revisions occurring within 731 days of the primary procedure
Inclusion criteria	All first revision cases following primary conventional THA (including conversions) performed between 731 days and within 1095 days of the primary procedure
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) resurfacing cases, (4) cases not occurring between 731 and 1095 days.
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Most common reasons for first revision following primary conventional THA (Pareto chart).

Description of figure	Reasons for first revision following primary THA
Inclusion criteria	All first revision cases following primary conventional THA (including conversions)
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) resurfacing cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Cumulative percent revision for primary conventional THA.

Description of figure	CPR curve for all primary conventional THA cases.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision and number at risk for primary conventional THA (numerical values).

Description of figure	CPR curve for all primary conventional THA cases.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by diagnosis.

Description of figure	CPR curves for OA vs non-OA (one curve for each)
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by diagnosis (numerical values).

Description of figure	CPR data for OA vs non-OA (one curve for each) in tabular format.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by sex for osteoarthritis diagnosis.

Description of figure	CPR curve for primary conventional THA cases having OA diagnosis by sex. There are two lines and corresponding CI's: male and female.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary conventional THA by sex for osteoarthritis diagnosis (numerical values).

Description of figure	CPR curve for primary conventional THA cases having OA diagnosis by sex.
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Subsection 2.2.4. Revision risk for conventional THA stem/cup implant combinations

Caption: Summary of cumulative percent revision following primary THA for stem/cup combinations having at least 500 cases, sorted alphabetically.

Description of figure	CPR data for stem/cup combinations having more than 500 cases. This should be ordered alphabetically.
Inclusion criteria	All conventional primary THA cases having at least 500 primary cases, including conversions
Exclusion criteria	(1) THA resurfacing cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific stem/cup combination
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision following primary THA for stem/cup combinations having at least 500 cases, sorted by 5-year cpr.

Description of figure	CPR data for stem/cup combinations having more than 500 cases. This should be ordered by 5-year cpr.
Inclusion criteria	All conventional primary THA cases having at least 500 primary cases, including conversions
Exclusion criteria	(2) THA resurfacing cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific stem/cup combination
Time window	2/15/2012 to 12/31/19

Template for conventional THA implant-specific revision data

This section will contain subsections on each stem/cup implant combination having 500 or more cases. Each section will follow the same format, which is described below.

Description of text block and volume table	Sentence stating number of surgeons and sites. Table on mean and median number of cases per surgeon and site
Inclusion criteria	All primary conventional THA cases, including conversions
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Volume of cases by surgeon and site for <Stem>/<Cup> combination in primary THA.

Description of figure	Volume (number of cases) for this stem/cup combination by surgeon and site, both mean (SD) and median (IQR).
Inclusion criteria	Primary THA cases using this stem/cup combination, including conversions
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases receiving <Stem>/<Cup> combination in primary THA.

Description of figure	Descriptive statistics for those patients having this stem/cup combination.
Inclusion criteria	Primary THA cases using this stem/cup combination, including conversions
Exclusion criteria	(2) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for <Stem>/<Cup> combination compared to all other implant combinations in conventional primary THA.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents two lines:</p> <ol style="list-style-type: none"> 1. CPR for cup/stem combination under specific consideration (pink), with pink 95% confidence interval shading 2. CPR for all conventional hips (blue) except those cases not using this stem/cup combination, with light blue 95% confidence interval shading
Inclusion criteria	<p>Inclusion:</p> <ol style="list-style-type: none"> 1. Line 1 above, the inclusion should be all primary THA cases (including conversions) done in the data window that use the cup/stem combination being presented. For example, if we are analyzing the Accolade II/Trident combination than for a case to be included it would need to have an Accolade II stem <i>and</i> Trident cup and be a primary THA case (conventional doesn't need to be specified here because it is redundant with the use of Accolade II/Trident). 2. For line 2 above, the inclusion criteria should be all primary conventional THA cases, including conversions, that do not use this stem/cup combination. This should be determined by the procedure coding.
Exclusion criteria	<ol style="list-style-type: none"> 1. Line 1 above, all TKA, UKA, PFJ cases, all THA resurfacing cases, THA revision cases, any THA case that does not use either the stem or cup under consideration 2. For line 2 above, all TKA cases, all THA revision cases, and THA resurfacing cases, and cases using this stem/cup combination.
Time window	2/15/12 – 12/31/19

Caption: Cumulative percent revision and number at risk for <Stem>/<Cup> combination in primary THA cases.

Description of figure	This table presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents numerical values.
Inclusion criteria	Inclusion: all primary THA cases (including conversions) done in the data window that use the cup/stem combination being presented. For example, if we are analyzing the Accolade II/Trident combination then for a case to be included it would need to have an Accolade II stem <i>and</i> Trident cup and be a primary THA case (conventional doesn't need to be specified here because it is redundant with the use of Accolade II/Trident).
Exclusion criteria	(1) revision cases, (2) cases not using this stem/cup combination, (3) all TKA, UKA, PFJ cases, (5) all THA resurfacing cases
Time window	2/15/12 to 12/31/19

Caption: Reasons for first revision following primary THA using <Stem>/<Cup> combination cases.

Description of figure	Reasons for first revision following primary THA using this stem/cup combination
Inclusion criteria	All first revision cases following primary THA, including conversions, using this stem/cup combination
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for revision in first 90 days following primary THA using <Stem>/<Cup> combination cases.

Description of figure	Reasons for first revision following primary THA using this stem/cup combination
Inclusion criteria	All first revision cases following primary THA occurring within the first 90 days post-operatively, including conversions, using this stem/cup combination
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (4) revision occurred after 90 days post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for revision between 91 to 365 days following primary THA using <Stem>/<Cup> combination cases.

Description of figure	Reasons for first revision following primary THA using this stem/cup combination
Inclusion criteria	All first revision cases following primary THA occurring between 91 and 365 days post-operatively, including conversions, using this stem/cup combination
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (4) revision occurred before 91 days or after 365 days
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for <Stem>/<Cup> combination in primary THA cases.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this stem/cup combination.
Inclusion criteria	Primary THA cases using this stem/cup combination, including conversions
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of head size for <Stem>/<Cup> combination in primary THA cases.

Description of figure	This is a histogram of the sizes of heads used with this stem/cup combination. Head size is given in mm. Note that a head size of 22.25 mm should be lumped with 22 mm.
Inclusion criteria	All primary THA cases using this stem/cup combination (including conversions) but does not include dual mobility cases
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) dual mobility cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of bearing surface for <Stem>/<Cup> combination in primary THA cases.

Description of figure	This table gives the breakdown of bearing surface combinations in percentages.
Inclusion criteria	Primary THA cases (including conversions) using this stem/cup combination.
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of polyethylene used for <Stem>/<Cup> combination cases in which polyethylene liners were used in primary THA.

Description of figure	Describes the percentage of different types of polyethylene used with this stem/cup combination that uses a polyethylene liner. There are three kinds: UHMWPE, XLPE, and Anitoxidant XLPE.
Inclusion criteria	Primary THA cases (including conversions) using this stem/cup combination and a polyethylene liner.
Exclusion criteria	(1) primary THA cases not using polyethylene liners, (2) revision THA cases, (3) primary THA cases not using this stem/cup combination, (4) THA resurfacing cases, (5) TKA, UKA, PFJ cases.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of <Stem>/<Cup> combination in primary THA.

Description of figure	<p>Utilization of this implant combination over time. There are two lines:</p> <p>(1) entire set of hospitals (blue line), and</p> <p>(2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.</p>
Inclusion criteria	<p>All primary THA cases including conversions, using this stem/cup combination. The inclusion criterion is slightly different for the two (red and blue) lines:</p> <ol style="list-style-type: none"> 1) Blue line. Inclusion is all primary THA cases using this stem/cup combination between 2/15/2012 and 12/31/2019. 2) Red line. Inclusion is all primary THA cases using the stem/cup combination between 1/1/2014 and 12/31/2019.
Exclusion criteria	<p>Criteria that apply to both lines: (1) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases.</p> <p>Additionally:</p> <ol style="list-style-type: none"> 1. For the blue line, cases done after 12/31/18. 2. For red line, cases done before 1/1/2014 or after 12/31/18.
Time window	<p>Blue line: 2/15/2012 to 12/31/19</p> <p>Red line: 1/1/2014 to 12/31/19</p>

Subection 2.2.5 Revision risk for commonly used THA stems

Caption: Summary of cumulative percent revision following primary THA for stems having at least 500 cases, sorted alphabetically.

Description of figure	CPR data for stems having more than 500 cases. This should be ordered alphabetically.
Inclusion criteria	All conventional primary THA cases having at least 500 primary cases, including conversions
Exclusion criteria	(3) THA resurfacing cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific stem
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision following primary THA for stems having at least 500 cases, sorted by 5-year cpr.

Description of figure	CPR data for stems having more than 500 cases. This should be sorted by 5-year cpr.
Inclusion criteria	All conventional primary THA cases having at least 500 primary cases, including conversions
Exclusion criteria	(4) THA resurfacing cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific stem
Time window	2/15/2012 to 12/31/19

Template for conventional THA implant-specific revision data

This section will contain subsections on each stem implant having 500 or more cases. *Note this aggregates stem/cup combinations by stem.* Each section will follow the same format, which is described below.

Description of text block and volume table	Sentence stating number of surgeons and sites. Table on mean and median number of cases per surgeon and site
Inclusion criteria	All primary conventional THA cases, including conversions, that use this stem
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases
Time window	2/15/2012 to 12/31/19

Caption: Volume of cases by surgeon and site for <Stem> stem in primary THA.

Description of figure	Volume (number of cases) for this stem by surgeon and site, both mean (SD) and median (IQR).
Inclusion criteria	Primary THA cases using this stem, including conversions
Exclusion criteria	(3) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases receiving the <Stem> stem in primary THA.

Description of figure	Descriptive statistics for those patients having this stem.
Inclusion criteria	Primary THA cases using this stem, including conversions
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for <Stem> stem compared to all other stems in conventional THA.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents two lines:</p> <ol style="list-style-type: none"> 1. CPR for stem under specific consideration (pink), with pink 95% confidence interval shading 2. CPR for all conventional hips (blue) excluding cases using the stem under consideration, with light blue 95% confidence interval shading
Inclusion criteria	<p>Inclusion:</p> <ol style="list-style-type: none"> 1. Line 1 above, the inclusion should be all primary THA cases (including conversions) done in the data window that use the cup being presented. For example, if we are analyzing the Accolade II combination than for a case to be included it would need to have an Accolade II stem and be a primary THA case (conventional doesn't need to be specified here because it is redundant with the use of Accolade II). 2. For line 2 above, the inclusion criteria should be all primary conventional THA cases, including conversions, that do not use this stem.
Exclusion criteria	<ol style="list-style-type: none"> 1. Line 1 above, all TKA, UKA, PFJ cases, all THA resurfacing cases, THA revision cases, any THA case that does not use the stem under consideration 2. For line 2 above, all TKA cases, all THA revision cases, THA resurfacing cases, any case that uses this stem
Time window	2/15/12 – 12/31/19

Caption: Cumulative percent revision and number at risk for <Stem> stem in primary THA cases.

Description of figure	This table presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents numerical values.
Inclusion criteria	Inclusion: all primary THA cases (including conversions) done in the data window that use the stem being considered. For example, if we are analyzing the Accolade II stem then for a case to be included it would need to have an Accolade II stem and be a primary THA case (conventional doesn't need to be specified here because it is redundant with the use of Accolade II).
Exclusion criteria	(1) revision cases, (2) cases not using this stem, (3) all TKA, UKA, PFJ cases, (4) all THA resurfacing cases
Time window	2/15/12 to 12/31/19

Caption: Reasons for first revision following primary THA for <Stem> stem cases.

Description of figure	Reasons for first revision following primary THA using this stem.
Inclusion criteria	All first revision cases following primary THA, including conversions, using this stem
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for revision in first 90 days following primary THA using <Stem> stem cases.

Description of figure	Reasons for first revision following primary THA using this stem
Inclusion criteria	All first revision cases following primary THA occurring within the first 90 days post-operatively, including conversions, using this stem
Exclusion criteria	revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) cases occurring after 90 days post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for revision between 91 to 365 days following primary THA using <Stem> stem cases.

Description of figure	Reasons for first revision following primary THA using this stem
Inclusion criteria	All first revision cases following primary THA occurring between 91 and 365 days post-operatively, including conversions, using this stem
Exclusion criteria	revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) cases occurring before day 91 or after day 365 post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for <Stem> stem in primary THA cases.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this stem combination.
Inclusion criteria	Primary THA cases using this stem, including conversions
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of head size for <Stem> stem in primary THA cases.

Description of figure	This is a histogram of the sizes of heads used with this stem. Head size is given in mm. Note that a head size of 22.25 mm should be lumped with 22 mm.
Inclusion criteria	All primary THA cases using this stem (including conversions) but does not include dual mobility cases
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) dual mobility cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of bearing surface for <Stems> in primary THA cases.

Description of figure	This table gives the breakdown of bearing surface combinations in percentages.
Inclusion criteria	Primary THA cases (including conversions) using this stem.
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of polyethylene used for <Stem> stem cases in which polyethylene liners were used in primary THA.

Description of figure	Describes the percentage of different types of polyethylene used with this stem that uses a polyethylene liner. There are three kinds: UHMWPE, XLPE, and Anitoxidant XLPE.
Inclusion criteria	Primary THA cases (including conversions) using this stem and a polyethylene liner.
Exclusion criteria	(1) primary THA cases not using polyethylene liners, (2) revision THA cases, (3) primary THA cases not using this stem, (4) THA resurfacing cases, (5) TKA, UKA, PFJ cases.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of <Stem> stem in primary THA.

Description of figure	<p>Utilization of this implant combination over time. There are two lines:</p> <p>(1) entire set of hospitals (blue line), and</p> <p>(2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.</p>
Inclusion criteria	<p>All primary THA cases including conversions, using this stem. The inclusion criterion is slightly different for the two (red and blue) lines:</p> <p>(1) Blue line. Inclusion is all primary THA cases using this stem between 2/15/2012 and 12/31/2019.</p> <p>(2) Red line. Inclusion is all primary THA cases using the stem between 1/1/2014 and 12/31/2019.</p>
Exclusion criteria	<p>Criteria that apply to both lines: (1) revision THA cases, (2) primary THA cases not using this stem, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases.</p> <p>Additionally:</p> <ol style="list-style-type: none"> 1. For the blue line, cases done after 12/31/18. 2. For red line, cases done before 1/1/2014 or after 12/31/18.
Time window	<p>Blue line: 2/15/2012 to 12/31/19</p> <p>Red line: 1/1/2014 to 12/31/19</p>

Subection 2.2.6. Revision risk for commonly used cups

Caption: Summary of cumulative percent revision following primary THA for cups having at least 500 cases, sorted alphabetically.

Description of figure	CPR data for cups having more than 500 cases. This should be ordered alphabetically.
Inclusion criteria	All conventional primary THA cases having at least 500 primary cases using a specific cup, including conversions
Exclusion criteria	(1) THA resurfacing cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific cup
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision following primary THA for cups having at least 500 cases, sorted by 5-year cpr.

Description of figure	CPR data for cups having more than 500 cases. This should be ordered by 5-year cpr.
Inclusion criteria	All conventional primary THA cases having at least 500 primary cases using a specific cup, including conversions
Exclusion criteria	(2) THA resurfacing cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific cup
Time window	2/15/2012 to 12/31/19

Template for conventional THA implant-specific revision data

This section will contain subsections on each cup implant having 500 or more cases. *Note this aggregates stem/cup combinations by cup.* Each section will follow the same format, which is described below.

Description of text block and volume table	Sentence stating number of surgeons and sites. Table on mean and median number of cases per surgeon and site
Inclusion criteria	All primary conventional THA cases, including conversions using this cup
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) resurfacing THA cases, (4) THA cases not using this cup
Time window	2/15/2012 to 12/31/19

Caption: Volume of cases by surgeon and site for <Cup> cups.

Description of figure	Volume (number of cases) for this cup by surgeon and site, both mean (SD) and median (IQR).
Inclusion criteria	Primary THA cases using this cup, including conversions
Exclusion criteria	(4) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases receiving <Cup> cups.

Description of figure	Descriptive statistics for those patients having this cup.
Inclusion criteria	Primary THA cases using this cup, including conversions
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for <Cup> cups compared to all conventional THA implants using other cups.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents two lines:</p> <ol style="list-style-type: none"> 1. CPR for cup under specific consideration (pink), with pink 95% confidence interval shading 2. CPR for all conventional hips (blue) excluding cases using the cup under consideration, with light blue 95% confidence interval shading
Inclusion criteria	<p>Inclusion:</p> <ol style="list-style-type: none"> 1. Line 1 above, the inclusion should be all primary THA cases (including conversions) done in the data window that use the cup being presented. For example, if we are analyzing the Trident than for a case to be included it would need to have a Trident cup and be a primary THA case. 2. For line 2 above, the inclusion criteria should be all primary conventional and conversion THA cases not using the cup under consideration
Exclusion criteria	<ol style="list-style-type: none"> 1. Line 1 above, all TKA, UKA, PFJ cases, all THA resurfacing cases, THA revision cases, any THA case that does not use the cup under consideration 2. For line 2 above, all TKA cases, all THA revision cases, THA resurfacing cases, and uses the cup under consideration
Time window	2/15/12 – 12/31/19

Caption: Cumulative percent revision and number at risk for <Cup> cups.

Description of figure	This table presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents numerical values.
Inclusion criteria	Inclusion: all primary THA cases (including conversions) done in the data window that use the cup being considered. For example, if we are analyzing the Trident cup then for a case to be included it would need to have a Trident cup and be a primary THA case.
Exclusion criteria	(1) revision cases, (2) cases not using this cup, (3) all TKA, UKA, PFJ cases, (4) all THA resurfacing cases
Time window	2/15/12 to 12/31/19

Caption: Reasons for first revision following primary THA using <Cup> cups.

Description of figure	Reasons for first revision following primary THA using this cup.
Inclusion criteria	All first revision cases following primary THA, including conversions, using this cup
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for revision in first 90 days following primary THA using <Cup> cups.

Description of figure	Reasons for first revision following primary THA using this cup
Inclusion criteria	All first revision cases following primary THA occurring within the first 90 days post-operatively, including conversions, using this cup
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) cases occurring after 90 days post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for revision days 91 to 365 days following primary THA using <Cup> cups.

Description of figure	Reasons for first revision following primary THA using this cup
Inclusion criteria	All first revision cases following primary THA occurring between 91 and 365 days post-operatively, including conversions, using this cup
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) cases occurring before day 91 or after day 365
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for <Cup> cups.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this stem/cup combination.
Inclusion criteria	Primary THA cases using this cup, including conversions
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of head size for <Cup> cups.

Description of figure	This is a histogram of the sizes of heads used with this stem/cup combination. Head size is given in mm. Note that a head size of 22.25 mm should be lumped with 22 mm.
Inclusion criteria	All primary THA cases using this cup (including conversions) but does not include dual mobility cases
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases, (5) dual mobility cases
Time window	2/15/2012 to 12/31/19

Caption: Bearing surface for <Cup> cups.

Description of figure	This table gives the breakdown of bearing surface combinations in percentages.
Inclusion criteria	Primary THA cases (including conversions) using this cup.
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Distribution of polyethylene used for <Cup> cups.

Description of figure	Describes the percentage of different types of polyethylene used with this stem/cup combination that uses a polyethylene liner. There are three kinds: UHMWPE, XLPE, and Antioxidant XLPE.
Inclusion criteria	Primary THA cases (including conversions) using this cup and a polyethylene liner.
Exclusion criteria	(1) primary THA cases not using polyethylene liners, (2) revision THA cases, (3) primary THA cases not using this cup, (4) THA resurfacing cases, (5) TKA, UKA, PFJ cases.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of <Cup> cups.

Description of figure	<p>Utilization of this implant combination over time. There are two lines:</p> <p>(1) entire set of hospitals (blue line), and</p> <p>(2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.</p>
Inclusion criteria	<p>All primary THA cases including conversions, using this cup. The inclusion criterion is slightly different for the two (red and blue) lines:</p> <p>(2) Blue line. Inclusion is all primary THA cases using this cup between 2/15/2012 and 12/31/2019.</p> <p>(3) Red line. Inclusion is all primary THA cases using the cup between 1/1/2014 and 12/31/2019.</p>
Exclusion criteria	<p>(1) revision THA cases, (2) primary THA cases not using this cup, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases</p>
Time window	<p>Blue line: 2/15/2012 to 12/31/19</p> <p>Red line: 1/1/2014 to 12/31/19</p>

Section 2.3. Resurfacing THA

Subsection 2.3.1 VTE prophylaxis

Caption: Percent of primary resurfacing THA patients (first case) by thrombosis prophylaxis.

Description of figure	Pie chart showing percent of patients (first case) by thrombosis prophylaxis. Categories include aspirin, anticoagulation, both, and none.
Inclusion criteria	All primary resurfacing THA cases being the first primary THA case for each patient.
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) primary THA cases that are not the first primary THA for the patient, (4) conventional and conversion THA cases
Time window	2/15/12 to 12/31/19

Subsection 2.3.2 Most commonly used resurfacing THA implants

Caption: Most commonly used femoral components in primary resurfacing THA.

Description of figure	Top 10 most commonly used femoral THA components used in primary resurfacing THA cases.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Most commonly used acetabular components in primary resurfacing THA.

Description of figure	Top 10 most commonly used acetabular shells used in primary resurfacing THA cases.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Most commonly used femoral/acetabular component combinations used in primary resurfacing THA.

Description of figure	Top ten most commonly used femoral/acetabular combinations used in primary resurfacing THA cases.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Subsection 2.3.3. Resurfacing THA revision risk summary

Caption: Reasons for first revision following primary resurfacing THA.

Description of figure	Reasons for first revision following primary resurfacing THA
Inclusion criteria	All first revision cases following primary resurfacing THA
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary resurfacing THA in first year post-operatively.

Description of figure	Reasons for first revision following primary resurfacing THA for revisions occurring within 365 days of the primary procedure
Inclusion criteria	All first revision cases following primary resurfacing THA performed within 365 days of the primary procedure
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) conventional and conversion cases, (4) cases occurring after 365 days post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary resurfacing THA in second year post-operatively.

Description of figure	Reasons for first revision following primary resurfacing THA for revisions occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases following primary resurfacing THA performed between 366 days and within 730 days of the primary procedure
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) conventional and conversion cases, (4) cases occurring before 366 days or after 730 days post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary resurfacing THA in third year post-operatively.

Description of figure	Reasons for first revision following primary resurfacing THA for revisions occurring within 731 days of the primary procedure
Inclusion criteria	All first revision cases following primary resurfacing THA performed between 731 days and within 1095 days of the primary procedure
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) conventional and conversion cases, (4) cases occurring before 731 days or after 1095 days post-operatively.
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary resurfacing THA (Pareto chart).

Description of figure	Reasons for first revision following primary resurfacing THA
Inclusion criteria	All first revision cases following primary resurfacing THA
Exclusion criteria	(1) TKA, UKA, PFJ cases, (2) revision THA cases after first revision, (3) conventional and conversion cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Cumulative percent revision for primary resurfacing THA.

Description of figure	CPR curve for all primary resurfacing THA cases.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision and number at risk for primary resurfacing THA (numerical values).

Description of figure	CPR curve for all primary resurfacing THA cases.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary resurfacing THA by diagnosis.

Description of figure	CPR curves for OA vs non-OA (one curve for each)
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary resurfacing THA by diagnosis (numerical values).

Description of figure	CPR data for OA vs non-OA (one curve for each) in tabular format.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary resurfacing THA by sex for osteoarthritis diagnosis.

Description of figure	CPR curve for primary resurfacing THA cases having OA diagnosis by sex. There are two lines and corresponding CI's: male and female.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary resurfacing THA by sex for osteoarthritis diagnosis (numerical values).

Description of figure	CPR curve for primary resurfacing THA cases having OA diagnosis by sex.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PFJ cases, (2) revision THA cases, and (3) conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

Subsection 2.3.4. Revision risk for resurfacing THA implant combinations

Caption: Summary of cumulative percent revision following primary THA for femoral/acetabular combinations having at least 500 cases, sorted alphabetically.

Description of figure	CPR data for femur/acetabular combinations having more than 500 cases. This should be ordered alphabetically.
Inclusion criteria	All resurfacing primary THA cases having at least 500 primary cases for an implant combination
Exclusion criteria	(1) THA conventional and conversion cases, (2) THA revision cases, (2) TKA, UKA, PFJ cases, (3) fewer than 500 cases having each specific femur/acetabulum combination
Time window	2/15/2012 to 12/31/19

Template for resurfacing THA implant-specific revision risk reports

This section will contain subsections on each femoral/acetabular implant combination having 500 or more cases. Each section will follow the same format, which is described below.

Description of text block and volume table	Sentence stating number of surgeons and sites. Table on mean and median number of cases per surgeon and site
Inclusion criteria	Primary resurfacing THA cases using this femoral/acetabular combination
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this femur/acetabular combination, (3) conventional and conversion THA cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Volume of cases by surgeon and site for the <Femur>/<Acetabulum> combination in primary THA.

Description of figure	Volume (number of cases) for this stem/cup combination by surgeon and site, both mean (SD) and median (IQR).
Inclusion criteria	Primary THA cases using this stem/cup combination, including conversions
Exclusion criteria	(5) revision THA cases, (2) primary THA cases not using this stem/cup combination, (3) THA resurfacing cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases receiving the <Femur>/<Cup> combination in primary THA.

Description of figure	Primary resurfacing THA cases using this femur/acetabulum combination
Inclusion criteria	Primary resurfacing THA cases using this femur/acetabulum combination
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this femur/acetabulum combination, (3) THA conventional and conversion cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for <Femur>/<Acetabulum> combination resurfacing THA compared to all other implant combinations in conventional primary THA.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents two lines:</p> <ol style="list-style-type: none"> 1. CPR for femur/acetabulum combination under specific consideration (pink), with pink 95% confidence interval shading 2. CPR for all conventional and conversion (combined) hips (blue), with light blue 95% confidence interval shading
Inclusion criteria	<p>Inclusion:</p> <p>Line 1 above, the inclusion should be all primary resurfacing THA cases done in the data window that use the femur/acetabulum combination being presented.</p> <p>For line 2 above, the inclusion criteria should be all primary conventional and conversion THA cases. This should be determined by the procedure coding.</p>
Exclusion criteria	<p>Line 1 above, all TKA, UKA, PFJ cases, THA revision cases, any THA case that does not use either the femoral/acetabular combination under consideration.</p> <p>For line 2 above, all TKA, UKA, PFJ cases, all THA revision cases, all resurfacing THA cases.</p>
Time window	2/15/12 to 12/31/19

Caption: Cumulative percent revision and number at risk for <Femur>/<Acetabulum> combination in primary THA cases.

Description of figure	This table gives the CPR for this femoral/acetabular combination at 1, 2, 3, 4, and 5 years. It also gives the number of cases, N.
Inclusion criteria	All primary resurfacing THA cases
Exclusion criteria	(1) All TKA, UKA, PJF cases, (2) revision THA cases, (3) all primary conventional and conversion THA cases
Time window	2/15/2012 to 12/31/19

**Caption: Reasons for revision following primary THA for
<Femur>/<Acetabulum> combination cases.**

Description of figure	Reasons for first revision following primary resurfacing THA using this femur/acetabulum combination
Inclusion criteria	All first revision cases following primary resurfacing THA
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this acetabulum/femur combination, (3) THA conventional and conversion cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

**Caption: Reasons for first revision in first 90 days following primary THA
for <Femur>/<Acetabulum> combination cases.**

Description of figure	Reasons for first revision following primary resurfacing THA using this femur/acetabulum combination
Inclusion criteria	All first revision cases following primary resurfacing THA occurring within the first 90 days post-operatively.
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this acetabulum/femur combination, (3) THA conventional and conversion cases, (4) TKA, UKA, PFJ cases, (5) cases occurring before 90 days post-operatively
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

**Caption: Reasons for first revision 91 to 365 days following primary THA
for <Femur>/<Acetabulum> combination cases.**

Description of figure	Reasons for first revision following primary resurfacing THA using this femur/acetabulum combination
Inclusion criteria	All first revision cases following primary resurfacing THA occurring between 91 and 365 days post-operatively
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this acetabulum/femur combination, (3) THA conventional and conversion cases, (4) TKA, UKA, PFJ cases, (5) cases occurring before day 91 and after day 365
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for <Femur>/<Acetabulum> combination in primary THA cases.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this femur/acetabulum combination.
Inclusion criteria	Primary resurfacing THA cases using this femur/acetabulum combination
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this femur/acetabulum combination, (3) THA conventional and conversion cases, (4) TKA, UKA, PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Utilization of <Femur>/<Acetabulum> combination in primary THA.

Description of figure	Utilization of this implant combination over time. There are two lines: (1) entire set of hospitals (blue line), and (2) a “stable cohort of hospitals” from 2014 through 2018 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2018.
Inclusion criteria	All primary THA cases including conversions, using this stem/cup combination. The inclusion criterion is slightly different for the two (red and blue) lines: (4) Blue line. Inclusion is all primary THA cases using this femur/acetabulum combination between 2/15/2012 and 12/31/2019. (5) Red line. Inclusion is all primary THA cases using the femur/acetabulum combination between 1/1/2014 and 12/31/2019.
Exclusion criteria	(1) revision THA cases, (2) primary THA cases not using this femur/acetabulum combination, (3) THA conventional and conversion cases, (4) TKA, UKA, PFJ cases
Time window	Blue line: 2/15/2012 to 12/31/19 Red line: 1/1/2014 to 12/31/19

CATALOG NUMBERS OF IMPLANTS IN MARCQI DATABASE FOR THA CASES

Catalog numbers used in the analysis of the Accolade II/Trident combination.

67210535 - 5020354E	67210330 - 5021150D	67210635 - 5020360F
67200435 - 5021152E	67210635 - 5021158F	67210737 - 5020360F
67210435 - 5421150E	67200635 - 5020354E	67210737 - 5421156F
67210435 - 5021152E	67200535 - 5020356E	67200435 - 5020356E
67200535 - 5021152E	67210330 - 5421150E	67200435 - 5021148D
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67200127 - 7020456F	67200737 - 7021150D	67210435 - 7421150D
67200127 - 7021146C	67200737 - 7021166H	67210435 - 7421152E
67200127 - 7021148D	67200737 - 7090452E	67210535 - 7000460G
67200127 - 7090448D	67200737 - 7090458F	67210535 - 7020444B
67200230 - 7020456F	67200737 - 7421154E	67210535 - 7021146C
67200230 - 7021152E	67200837 - 7000456F	67210535 - 7021160G
67200230 - 7090450D	67200837 - 7000460G	67210535 - 7090448D
67200230 - 7090452E	67200837 - 7000462G	67210535 - 7090450D
67200230 - 7090454E	67200837 - 7021152E	67210535 - 7090452E
67200330 - 7000446C	67200837 - 7021154E	67210535 - 7090454E
67200330 - 7000448D	67200837 - 7021162G	67210535 - 7090458F
67200330 - 7000450D	67200837 - 7090452E	67210535 - 7421146C
67200330 - 7000454E	67200837 - 7090454E	67210535 - 7421150D
67200330 - 7000456F	67200937 - 7000456F	67210535 - 7421156F
67200330 - 7020444B	67200937 - 7021154E	67210635 - 7000450D
67200330 - 7020458F	67200937 - 7021156F	67210635 - 7000452E
67200330 - 7021146C	67200937 - 7021160G	67210635 - 7020464H
67200330 - 7021156F	67201040 - 7000460G	67210635 - 7021146C
67200330 - 7090450D	67201040 - 7020456F	67210635 - 7021162G
67200330 - 7090454E	67201040 - 7020462G	67210635 - 7090448D
67200330 - 7421146C	67201040 - 7020464H	67210635 - 7421160G
67200330 - 7421150D	67201140 - 7000456F	67210737 - 7000456F
67200435 - 7000458F	67201140 - 7020454E	67210737 - 7020446C
67200435 - 7021158F	67210027 - 7020448D	67210737 - 7021148D
67200435 - 7090452E	67210127 - 7000452E	67210737 - 7021150D
67200435 - 7090456F	67210127 - 7020452E	67210737 - 7090454E
67200435 - 7421150D	67210127 - 7021148D	67210737 - 7090464H
67200435 - 7421152E	67210127 - 7021150D	67210837 - 7000452E
67200535 - 7000458F	67210127 - 7021152E	67210837 - 7000456F
67200535 - 7020446C	67210127 - 7421148D	67210837 - 7000460G
67200535 - 7020464H	67210230 - 7020456F	67210837 - 7021150D
67200535 - 7021146C	67210230 - 7021146C	67210937 - 7000456F
67200535 - 7021160G	67210230 - 7021154E	67210937 - 7020450D
67200535 - 7090452E	67210230 - 7021156F	67210937 - 7020464H
67200535 - 7090456F	67210330 - 7090452E	67210937 - 7021152E
67200635 - 7000450D	67210330 - 7090454E	67210937 - 7021162G
67200635 - 7000454E	67210330 - 7090458F	67210937 - 7421152E

67211040 - 7020452E
67211040 - 7021158F
67211040 - 7021160G
67211140 - 7020452E
67211140 - 7020454E

67211140 - 7020456F
67211140 - 7020458F
67211140 - 7020460G
67211140 - 7021154E
67211140 - 7021160G

67211140 - 7021162G
67211140 - 7421152E

Catalog numbers used in the analysis of the Accolade TMZF/Trident combination.

60200335 - 5021152E
60200335 - 5021154E
60202530 - 5021150D
60200230 - 5021150D
60202530 - 5021152E
60203535 - 5021152E
60210335 - 5020152E
60203535 - 5021154E
60200335 - 5021150D
60203535 - 5021156F
60200230 - 5021148D
60204535 - 5021158F
60210335 - 5421150E
60212530 - 5421150E
60200435 - 5021154E
60200435 - 5021156F
60200537 - 5021160G
60200230 - 5021152E
60200435 - 5021152E
60202530 - 5421150E
60213535 - 5421150E
60213535 - 5421154F
60200230 - 5421150E
60200335 - 5021156F
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60202530 - 5021154E
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60204535 - 5021154E
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60210335 - 5421154F
60210537 - 5020156F
60212530 - 5021150D
60212530 - 5021152E

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60214535 - 5421154F
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60210435 - 5421154F
60210537 - 5021156F
60212530 - 5020152E
60200130 - 5021148D
60200335 - 5421158G
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60203535 - 5421152E
60205537 - 5021160G
60210230 - 5021150D
60210230 - 5021152E
60210435 - 5020152E
60210435 - 5021154E
60210537 - 5021158F
60213535 - 5020156F
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60200335 - 5021158F
60200335 - 5421156F
60200537 - 5021156F
60200537 - 5021162G
60202530 - 5021156F
60202530 - 5421154F
60203535 - 5021150D

60204535 - 5421156F
60210130 - 5021150D
60210230 - 5021148D
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60214535 - 5021160G
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60204535 - 5020156F
60204535 - 5021152E
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60210435 - 5020156F
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60200537 - 5421158G
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60202530 - 5020348C
60202530 - 5021158F
60202530 - 5421146D
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60210740 - 5020158F
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60212530 - 5020356E
60213535 - 5021150D
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60200230 - 5421146D
60200230 - 5421154F
60200230 - 5421158G
60200335 - 5020152E
60200335 - 5020154E
60200335 - 5020354E
60200335 - 5020356E
60200335 - 5020358F
60200335 - 5021160G

60200335 - 5421148D
60200435 - 5020156F
60200435 - 5020158F
60200435 - 5020350D
60200435 - 5020354E
60200435 - 5020362G
60200435 - 5021160G
60200435 - 5021164H
60200435 - 5421150E
60200435 - 5421156F
60200537 - 5020152E
60200537 - 5020158F
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60200637 - 5020352D
60200637 - 5021160G
60200637 - 5421152E
60200637 - 5421154F
60202530 - 5020350D
60202530 - 5020354E
60202530 - 5020356E
60202530 - 5421158G
60203535 - 5020152E
60203535 - 5020154E
60203535 - 5020352D
60203535 - 5020358F
60203535 - 5021162G
60203535 - 5090256E
60203535 - 5421150E
60203535 - 5421158G
60204535 - 5020354E
60204535 - 5020360F
60204535 - 5021150D
60204535 - 5021162G
60204535 - 5421158G
60204535 - 5421160G
60205537 - 5020156F
60205537 - 5020158F
60205537 - 5021164H
60210030 - 5021148D
60210030 - 5021150D
60210230 - 5020150D
60210230 - 5020352D
60210230 - 5020354E
60210230 - 5021154E

60210230 - 5021158F
60210230 - 5421146D
60210230 - 5421152E
60210335 - 5020154E
60210335 - 5020352D
60210335 - 5021148D
60210335 - 5421160G
60210435 - 5000352D
60210435 - 5020354E
60210435 - 5020360F
60210435 - 5021150D
60210435 - 5021162G
60210537 - 5000354E
60210537 - 5020354E
60210537 - 5021154E
60210537 - 5021162G
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60210637 - 5020158F
60210637 - 5021158F
60210740 - 5020156F
60210740 - 5020364G
60212530 - 5000350D
60212530 - 5020154E
60212530 - 5020156F
60212530 - 5021148D
60212530 - 5090256E
60212530 - 5421146D
60212530 - 5421154F
60213535 - 5000352D
60213535 - 5000354E
60213535 - 5020148D
60213535 - 5020354E
60214535 - 5020152E
60214535 - 5020354E
60214535 - 5020362G
60214535 - 5021152E
60214535 - 5021162G
60215537 - 5000360F
60215537 - 5020156F
60215537 - 5020160G
60215537 - 5021156F
60215537 - 5421154F

Catalog numbers used in the analysis of the Actis DuoFix/Pinnacle combination.

101011050 - 121732052	101011040 - 121732050	101011060 - 121732048
101011040 - 121732052	101011070 - 121732052	101011070 - 121722052
101012040 - 121722052	101011080 - 121732056	101011070 - 121731056
101011060 - 121732054	101012050 - 121732052	101011090 - 121732056
101011060 - 121732052	101012050 - 121732054	101011090 - 121732058
101011050 - 121732054	101012070 - 121732060	101012030 - 121722056
101011060 - 121732056	101011030 - 121722052	101012040 - 121722056
101011070 - 121732056	101011050 - 121732050	101012040 - 121732048
101011030 - 121732052	101011050 - 121732058	101012060 - 121722054
101012030 - 121722052	101012040 - 121732054	101012060 - 121722056
101012020 - 121722052	101012060 - 121732054	101012060 - 121722058
101011060 - 121732058	101012070 - 121732058	101012070 - 121722056
101012040 - 121722054	101012020 - 121722050	101012080 - 121722054
101011070 - 121732054	101012030 - 121732052	101012080 - 121732056
101012030 - 121722054	101011030 - 121732048	101011010 - 121732048
101011040 - 121732054	101011080 - 121732060	101011020 - 121722052
101012060 - 121722052	101012020 - 121732048	101011020 - 121732048
101011030 - 121732050	101012030 - 121732048	101011020 - 121732054
101011050 - 121732056	101012050 - 121722056	101011040 - 121722050
101011070 - 121732058	101011040 - 121731052	101011040 - 121722054
101012050 - 121722052	101011050 - 121732048	101011040 - 121731050
101012060 - 121732056	101011060 - 121732060	101011050 - 121731054
101011040 - 121732056	101011090 - 121732060	101011060 - 121703054
101012060 - 121732058	101012040 - 121732050	101011060 - 121731056
101011040 - 121732048	101012040 - 121732056	101011060 - 121732050
101011060 - 121722052	101012050 - 121732058	101012020 - 121732050
101012030 - 121722050	101012090 - 121732058	101012050 - 121732050
101012040 - 121722050	101011060 - 121722054	101012050 - 121732060
101011070 - 121732060	101011080 - 121722052	101012060 - 121722050
101012010 - 121722050	101012010 - 121722052	101012060 - 121732052
101012020 - 121722054	101012030 - 121732050	101012070 - 121732062
101012070 - 121722054	101012030 - 121732054	101012080 - 121732062
101011020 - 121732050	101012050 - 121722050	101012100 - 121732056
101011020 - 121732052	101012050 - 121732056	101011010 - 121732052
101011050 - 121722052	101012060 - 121732060	101011030 - 121703050
101011080 - 121732058	101012070 - 121722052	101011030 - 121731050
101012040 - 121732052	101012070 - 121732054	101011030 - 121731054
101012050 - 121722054	101011040 - 121731054	101011030 - 121732056
101012070 - 121732056	101011040 - 121732058	101011050 - 121722050
101012080 - 121732058	101011050 - 121731052	101011050 - 121722054
101011030 - 121732054	101011060 - 121722050	101011060 - 121703056
101011040 - 121722052	101011060 - 121731052	101011060 - 121731054

101011070 - 121722054	101012060 - 121732050	101011070 - 121731060
101011070 - 121722056	101012070 - 121722058	101011070 - 121732050
101011080 - 121722054	101012070 - 121732052	101011070 - 121732062
101011080 - 121731058	101012090 - 121722054	101011080 - 121703054
101011080 - 121732054	101012090 - 121732056	101011080 - 121730056
101011090 - 121732054	101012100 - 121732058	101011080 - 121732062
101011090 - 121732062	101012100 - 121732062	101011090 - 121703052
101012050 - 121731056	101011010 - 121722050	101011090 - 121703062
101012080 - 121722052	101011020 - 121703052	101011090 - 121722054
101012080 - 121722056	101011020 - 121720046	101011090 - 121731058
101012080 - 121732060	101011020 - 121722050	101011090 - 121732052
101012110 - 121732062	101011020 - 121730046	101011090 - 121732064
101011010 - 121703048	101011020 - 121730050	101011100 - 121722052
101011020 - 121703048	101011020 - 121731048	101011100 - 121731056
101011020 - 121722054	101011020 - 121732056	101011100 - 121732052
101011030 - 121703048	101011020 - 121732060	101011100 - 121732054
101011030 - 121722050	101011030 - 121703052	101011100 - 121732058
101011030 - 121722054	101011030 - 121703054	101011100 - 121732062
101011030 - 121730052	101011030 - 121722048	101011110 - 121732054
101011030 - 121731058	101011030 - 121722056	101011110 - 121732058
101011040 - 121703052	101011030 - 121730046	101011110 - 121732060
101011040 - 121703054	101011030 - 121731048	101011110 - 121732066
101011040 - 121722048	101011030 - 121732060	101012005 - 121722052
101011050 - 121703052	101011040 - 121703048	101012010 - 121722048
101011050 - 121703054	101011040 - 121703050	101012010 - 121732048
101011050 - 121703056	101011040 - 121722056	101012010 - 121732054
101011050 - 121722056	101011040 - 121732060	101012010 - 121732058
101011050 - 121732060	101011050 - 121703050	101012020 - 121731048
101011060 - 121703050	101011050 - 121703058	101012020 - 121731050
101011060 - 121722058	101011050 - 121730046	101012020 - 121732054
101011060 - 121731048	101011050 - 121730050	101012030 - 121703052
101011060 - 121731050	101011050 - 121730052	101012030 - 121732056
101011070 - 121703056	101011050 - 121730056	101012040 - 121703052
101011070 - 121722050	101011050 - 121731048	101012040 - 121722048
101011080 - 121732052	101011050 - 121731050	101012040 - 121722058
101011090 - 121722052	101011050 - 121731058	101012040 - 121731052
101011100 - 121732056	101011050 - 121731060	101012040 - 121732060
101011100 - 121732060	101011060 - 121703052	101012050 - 121703056
101011100 - 121732064	101011060 - 121722056	101012050 - 121722058
101012010 - 121722054	101011060 - 121730054	101012050 - 121731054
101012020 - 121732052	101011060 - 121730056	101012050 - 121732048
101012030 - 121722048	101011060 - 121730060	101012060 - 121703052
101012040 - 121731056	101011060 - 121731058	101012060 - 121703054
101012040 - 121732058	101011070 - 121703058	101012060 - 121722060
101012050 - 121722048	101011070 - 121731052	101012060 - 121731056
101012060 - 121731054	101011070 - 121731054	101012060 - 121732062

101012070 - 121703054	101012080 - 121732064	101012090 - 121732062
101012070 - 121730052	101012080 - 121732066	101012100 - 121722054
101012070 - 121730058	101012090 - 121722052	101012100 - 121732064
101012070 - 121732064	101012090 - 121722056	101012110 - 121722056
101012080 - 121703052	101012090 - 121722062	101012110 - 121732058
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101012080 - 121731054	101012090 - 121732060	

Catalog numbers used in the analysis of the AML/Pinnacle combination.

155402121 - 121701052	155401150 - 121732054	155401121 - 121730050
155402135 - 121701052	155402135 - 121732052	155401121 - 121732048
155402121 - 121701054	155402135 - 121732056	155401121 - 121732058
155402135 - 121701054	155402150 - 121701050	155401135 - 121701050
155402121 - 121701050	155401106 - 121701050	155401135 - 121722052
155402150 - 121701052	155401106 - 121701052	155401150 - 121701056
155401121 - 121701050	155401121 - 121701054	155401150 - 121732050
155401121 - 121701052	155401121 - 121732056	155401150 - 121732058
155401135 - 121732052	155401135 - 121732058	155401150 - 121732060
155401121 - 121732052	155401165 - 121732058	155401165 - 121732054
155401135 - 121732054	155402121 - 121732050	155401165 - 121732060
155402135 - 121701056	155402150 - 121732054	155401180 - 121732054
155402150 - 121701054	155402165 - 121701058	155402106 - 121701052
155401106 - 121701048	155402165 - 121732054	155402106 - 121701054
155402135 - 121701050	155401106 - 121732048	155402121 - 121701058
155402150 - 121732058	155401165 - 121701052	155402121 - 121722052
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155402165 - 121701056	155402121 - 121732052	155402135 - 121701048
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155401135 - 121701052	155402135 - 121731054	155402135 - 121732050
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155401135 - 121732056	155401121 - 121722048	155401106 - 121732062
155401150 - 121701052	155401121 - 121722052	155401121 - 121703054

155401121 - 121703056	155402106 - 121701050	155402150 - 121722060
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155401135 - 121722054	155402121 - 121732054	155402180 - 121701052
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155401135 - 121732050	155402121 - 121732060	155402180 - 121701060
155401135 - 121732060	155402135 - 121701062	155402180 - 121701062
155401150 - 121701048	155402135 - 121703056	155402180 - 121732054
155401150 - 121732056	155402135 - 121722058	155402180 - 121732056
155401150 - 121732062	155402135 - 121730048	155402180 - 121732058
155401165 - 121701050	155402135 - 121730054	155402195 - 121701060
155401165 - 121701054	155402135 - 121730056	155402195 - 121732054
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Catalog numbers used in the analysis of the Anthology/Reflection 3 combination.

71356006 - 71335552	71357006 - 71335552	71356006 - 71335556
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71356114 - 71335564	71357006 - 71335562	71357105 - 71335558
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71357003 - 71331848	71357011 - 71331860	71357108 - 71331858
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71357003 - 71335548	71357012 - 71331856	71357109 - 71335550
71357003 - 71335554	71357012 - 71331858	71357109 - 71335564
71357003 - 71335556	71357101 - 71335546	71357109 - 71335550
71357004 - 71331848	71357103 - 71331848	71357110 - 71335552
71357004 - 71331856	71357103 - 71335554	71357110 - 71335560
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71357005 - 71335546	71357105 - 71331848	
71357005 - 71335560	71357105 - 71331850	

Catalog numbers used in the analysis of the Avenir Muller/Continuum combination.

0106010002 - 00875705201	0106010004 - 00875705001	0106010005 - 00875705001
0106010004 - 00875705201	0106010104 - 00875705201	0106010007 - 00875705201
0106010003 - 00875705201	0106010106 - 00875705601	0106010007 - 00875705601
0106010004 - 00875705401	0106010001 - 00875704801	0106010007 - 00875706001
0106010005 - 00875705201	0106010001 - 00875705001	0106010008 - 00875705601
0106010004 - 00875705601	0106010003 - 00875704801	0106010105 - 00875705401
0106010005 - 00875705601	0106010003 - 00875705601	0106010105 - 00875705801
0106010006 - 00875705601	0106010104 - 00875705401	0106010001 - 00875705201
0106010003 - 00875705001	0106010104 - 00875705601	0106010002 - 00875704601
0106010002 - 00875705001	0106010105 - 00875705201	0106010005 - 00875706001
0106010006 - 00875705401	0106010107 - 00875705601	0106010006 - 00875706201
0106010005 - 00875705801	0106010103 - 00875705201	0106010102 - 00875705001
0106010003 - 00875705401	0106010104 - 00875705801	0106010103 - 00875706001
0106010006 - 00875705201	0106010106 - 00875705401	0106010104 - 00875705001
0106010002 - 00875705401	0106010001 - 00875705401	0106010106 - 00875705201
0106010006 - 00875705801	0106010002 - 00875705601	0106010106 - 00875706201
0106010005 - 00875705401	0106010003 - 00875705801	0106010107 - 00875706201
0106010106 - 00875705801	0106010007 - 00875705401	0106010108 - 00875705601
0106010004 - 00875705801	0106010007 - 00875705801	0106010108 - 00875706001
0106010105 - 00875705601	0106010103 - 00875705001	0106010002 - 00875704401
0106010002 - 00875704801	0106010105 - 00875706001	0106010003 - 00875705802
0106010004 - 00875704801	0106010004 - 00875706001	0106010004 - 00875704802

0106010004 - 00875705002	0106010008 - 00875705401	0106010105 - 00875704801
0106010004 - 00875705202	0106010009 - 00875705401	0106010105 - 00875706002
0106010005 - 00875705002	0106010009 - 00875705801	0106010106 - 00875706001
0106010005 - 00875705602	0106010101 - 00875704601	0106010107 - 00875705401
0106010006 - 00875705001	0106010101 - 00875705001	0106010107 - 00875705801
0106010006 - 00875705202	0106010101 - 00875705201	0106010107 - 00875706001
0106010006 - 00875705402	0106010102 - 00875705801	0106010107 - 00875706401
0106010006 - 00875706001	0106010103 - 00875705401	0106010108 - 00875705801
0106010006 - 00875706401	0106010103 - 00875705601	
0106010006 - 00875706402	0106010103 - 00875705801	
0106010008 - 00875705201	0106010104 - 00875705202	

Catalog numbers used in the analysis of the Corail/Pinnacle combination.

3L92501 - 121732052	3L92499 - 121732052	L20313 - 121732056
3L92502 - 121732052	3L92505 - 121732058	L20314 - 121732058
3L92502 - 121732054	3L92501 - 121703054	L20315 - 121732058
3L92502 - 121732056	3L92501 - 121722050	3L92499 - 121703048
3L92500 - 121732052	3L92504 - 121732052	3L92511 - 121732050
3L92501 - 121732054	3L92504 - 121732060	3L92512 - 121732056
3L92501 - 121732050	3L92512 - 121732054	3L92513 - 121732052
3L92503 - 121732052	3L92501 - 121732058	L20314 - 121732056
3L92503 - 121732056	3L92502 - 121703056	3L92498 - 121732048
3L92503 - 121732054	3L92503 - 121732060	3L92501 - 121722052
3L92503 - 121732058	L20312 - 121732054	3L92502 - 121730052
3L92502 - 121732050	3L92499 - 121732050	3L92502 - 121732048
3L92502 - 121732058	3L92513 - 121732054	3L92505 - 121732052
3L92501 - 121732056	L20313 - 121732058	3L92506 - 121732058
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3L92512 - 121732052	L20312 - 121732056	3L92512 - 121732050
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L20310 - 121732048	3L92502 - 121730060	3L92509 - 121730050
L20310 - 121732056	3L92502 - 121730068	3L92509 - 121730052
L20311 - 121730056	3L92502 - 121731050	3L92509 - 121730054
L20311 - 121732048	3L92502 - 121731058	3L92509 - 121732054
L20311 - 121732058	3L92502 - 121731060	3L92510 - 121722054
L20312 - 121722058	3L92502 - 121732062	3L92511 - 121722050
L20313 - 121730056	3L92503 - 121731056	3L92511 - 121722054
L20313 - 121730058	3L92503 - 121731060	3L92511 - 121730056
L20313 - 121730062	3L92504 - 121703056	3L92511 - 121730058
L20313 - 121732062	3L92504 - 121703062	3L92511 - 121730060
L20314 - 121730054	3L92504 - 121722064	3L92511 - 121732060
L20314 - 121730056	3L92504 - 121730054	3L92512 - 121722056
L20314 - 121730058	3L92504 - 121730056	3L92512 - 121722060
L20315 - 121732054	3L92504 - 121731054	3L92512 - 121730050
L20316 - 121730052	3L92504 - 121732048	3L92512 - 121732062
L20316 - 121732062	3L92505 - 121703052	3L92512 - 121732064
L20318 - 121732060	3L92505 - 121703056	3L92513 - 121722052
L20318 - 121732062	3L92505 - 121703060	3L92513 - 121722054
L20318 - 121732064	3L92505 - 121703062	3L92513 - 121730060
L98013 - 121732052	3L92505 - 121703064	3L92513 - 121732050
3L92498 - 121703050	3L92505 - 121722054	3L92513 - 121732060
3L92498 - 121703052	3L92505 - 121722064	3L92513 - 121732066
3L92498 - 121722048	3L92505 - 121730062	3L92514 - 121722052
3L92498 - 121730052	3L92505 - 121731054	3L92514 - 121722054
3L92498 - 121731050	3L92505 - 121731060	3L92514 - 121722060
3L92499 - 121701052	3L92505 - 121732048	3L92514 - 121732050
3L92499 - 121703050	3L92506 - 121703052	3L92514 - 121732060
3L92499 - 121722050	3L92506 - 121703060	3L92515 - 121722052
3L92499 - 121722052	3L92506 - 121703062	3L92515 - 121730052
3L92499 - 121730050	3L92506 - 121722052	3L92515 - 121730060
3L92499 - 121730052	3L92506 - 121730058	3L92515 - 121732060
3L92499 - 121731050	3L92506 - 121730060	3L92515 - 121732062
3L92500 - 121703060	3L92506 - 121731060	3L92516 - 121722052
3L92500 - 121722054	3L92507 - 121720046	3L92516 - 121730052
3L92500 - 121730054	3L92507 - 121722050	3L92516 - 121730060
3L92500 - 121731054	3L92507 - 121730046	3L92516 - 121732052
3L92501 - 121703060	3L92507 - 121732050	3L92516 - 121732058
3L92501 - 121730046	3L92507 - 121732054	3L92516 - 121732062
3L92501 - 121730048	3L92508 - 121703060	3L92516 - 121732066
3L92501 - 121730050	3L92508 - 121703062	L20309 - 121722054
3L92501 - 121730056	3L92508 - 121722056	L20310 - 121722054
3L92501 - 121730058	3L92508 - 121730068	L20310 - 121730052
3L92501 - 121730064	3L92508 - 121732056	L20310 - 121732058
3L92501 - 121731058	3L92508 - 121732062	L20311 - 121722048
3L92501 - 121732062	3L92508 - 121732064	L20311 - 121730052

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L20311 - 121732050	L20316 - 121730056	L98014 - 121730052
L20311 - 121732062	L20316 - 121730060	L98014 - 121732052
L20312 - 121722048	L20316 - 121732058	L98014 - 121732054
L20312 - 121722052	L20316 - 121732064	L98014 - 121732056
L20312 - 121722054	L20316 - 121732066	L98015 - 121730060
L20312 - 121722062	L20318 - 121732054	L98018 - 121730062
L20312 - 121730054	L20320 - 121732062	L98112 - 121732056
L20312 - 121730056	L971111 - 121732054	L98113 - 121732062
L20313 - 121730060	L971114 - 121732058	L98114 - 121730064
L20313 - 121732048	L971118 - 121732064	L98115 - 121722052
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L20314 - 121730068	L98011 - 121732056	L98120 - 121730060
L20314 - 121732064	L98012 - 121730056	L98120 - 121732056
L20315 - 121730056	L98012 - 121732048	
L20315 - 121730062	L98013 - 121730052	
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Catalog numbers used in the analysis of the Corail Coxa Vara/Pinnacle combination.

3L93711 - 121732050	3L93711 - 121703054	3L93714 - 121732056
3L93712 - 121732054	3L93712 - 121732050	3L93710 - 121722050
3L93712 - 121722052	3L93713 - 121732060	3L93710 - 121722052
3L93711 - 121732052	3L93713 - 121732062	3L93710 - 121732054
3L93712 - 121732052	3L93714 - 121732054	3L93711 - 121722052
3L93710 - 121732052	3L93715 - 121732056	3L93712 - 121722048
3L93711 - 121732054	3L93709 - 121732048	3L93712 - 121722054
3L93712 - 121732056	3L93711 - 121732058	3L93713 - 121722050
3L93713 - 121732058	3L93712 - 121703052	3L93715 - 121703056
3L93710 - 121732050	3L93712 - 121732062	3L93715 - 121703058
3L93713 - 121732056	3L93713 - 121722054	3L93716 - 121732056
3L93713 - 121732052	3L93714 - 121732058	3L93710 - 121703048
3L93711 - 121722050	3L93715 - 121732054	3L93710 - 121703052
3L93713 - 121732054	3L93709 - 121732050	3L93710 - 121703054
3L93712 - 121732058	3L93710 - 121732058	3L93710 - 121732056
3L93712 - 121722050	3L93711 - 121703052	3L93711 - 121703056
3L93710 - 121732048	3L93711 - 121730052	3L93711 - 121722048
3L93713 - 121722052	3L93712 - 121732060	3L93711 - 121731048
3L93714 - 121722052	3L93713 - 121703052	3L93711 - 121732048
3L93715 - 121732058	3L93713 - 121730052	3L93712 - 121703054
3L93711 - 121732056	3L93714 - 121703058	3L93712 - 121703056
3L93709 - 121732052	3L93714 - 121732052	3L93712 - 121730052

3L93712 - 121730054	3L93710 - 121722060	3L93714 - 121703056
3L93713 - 121722056	3L93710 - 121730052	3L93714 - 121703060
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3L93715 - 121722052	3L93711 - 121703060	3L93714 - 121730058
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3L93715 - 121732052	3L93711 - 121730050	3L93714 - 121732048
3L93716 - 121730062	3L93711 - 121730054	3L93714 - 121732050
3L93716 - 121732054	3L93711 - 121730056	3L93714 - 121732062
3L93716 - 121732058	3L93711 - 121732062	3L93715 - 121703052
3L93716 - 121732060	3L93712 - 121703048	3L93715 - 121703054
3L93709 - 121703048	3L93712 - 121703050	3L93715 - 121703060
3L93709 - 121703050	3L93712 - 121703058	3L93715 - 121722050
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3L93709 - 121703054	3L93712 - 121730056	3L93715 - 121730058
3L93709 - 121730044	3L93712 - 121731054	3L93715 - 121731056
3L93709 - 121730046	3L93712 - 121731060	3L93715 - 121732062
3L93709 - 121731048	3L93712 - 121732048	3L93716 - 121722050
3L93709 - 121731050	3L93713 - 121703054	3L93716 - 121722054
3L93709 - 121732054	3L93713 - 121703056	3L93716 - 121730058
3L93709 - 121732056	3L93713 - 121731060	3L93716 - 121732062
3L93710 - 121703050	3L93713 - 121732050	3L93718 - 121732054
3L93710 - 121703056	3L93714 - 121703052	

Catalog numbers used in the analysis of the Echo Bi-Metric/G7 combination.

192010 - 110010243	192010 - 110010244	192108 - 110010243
192012 - 110010244	192012 - 110010245	192111 - 110010242
192113 - 110010246	192014 - 110010245	192009 - 110010242
192011 - 110010243	192112 - 110010243	192013 - 110010243
192110 - 110010243	192008 - 110010242	192013 - 110010247
192114 - 110010246	192012 - 110010243	192014 - 110010244
192011 - 110010244	192410 - 110010243	192110 - 110010246
192110 - 110010244	192411 - 110010243	192112 - 010000663
192111 - 110010243	192010 - 110010242	192113 - 110010247
192112 - 110010245	192109 - 110010244	192408 - 110010242
192111 - 110010244	192115 - 110010247	192409 - 110010242
192113 - 110010245	192508 - 110010242	192409 - 110010243
192114 - 110010245	192015 - 110010246	192412 - 110010243
192112 - 110010244	192110 - 110010242	192509 - 110010242
192009 - 110010243	192110 - 110010245	192509 - 110010243
192109 - 110010243	192114 - 110010247	192010 - 110010245
192111 - 110010245	192013 - 110010244	192011 - 010000663
192112 - 110010246	192014 - 110010246	192013 - 010000664
192113 - 110010244	192015 - 110010247	192013 - 110010245

192108 - 110010242	192113 - 110010248	192112 - 010000665
192111 - 110010246	192113 - 110017102	192112 - 110017103
192111 - 110017103	192114 - 110010248	192113 - 010000662
192112 - 110010247	192115 - 010000666	192113 - 010000663
192112 - 110017104	192115 - 110017106	192113 - 010000665
192113 - 110010243	192116 - 110010249	192113 - 110017105
192114 - 110010244	192408 - 110010243	192114 - 010000666
192116 - 110010247	192411 - 010000662	192114 - 110017105
192407 - 110010241	192411 - 010000663	192115 - 110010245
192407 - 110010242	192411 - 110010244	192116 - 010000666
192410 - 110010241	192412 - 010000665	192116 - 110010245
192412 - 010000664	192412 - 110010242	192116 - 110017106
192011 - 010000664	192414 - 010000665	192408 - 110010241
192012 - 010000664	192414 - 010000666	192409 - 010000663
192012 - 010000665	192509 - 110010244	192409 - 110010241
192012 - 110010246	192007 - 110010241	192409 - 110010244
192013 - 110010246	192008 - 110010244	192410 - 010000663
192014 - 110010243	192009 - 010000662	192410 - 110010242
192015 - 110010245	192009 - 110010244	192410 - 110010244
192016 - 110010245	192010 - 010000663	192411 - 010000664
192109 - 110010242	192010 - 110017104	192411 - 110010241
192110 - 110017102	192011 - 010000666	192412 - 110010244
192115 - 110010246	192011 - 110010246	192413 - 010000663
192116 - 110010246	192012 - 010000662	192413 - 010000666
192117 - 110010246	192012 - 110010247	192413 - 110010242
192411 - 110010242	192012 - 110017102	192414 - 010000664
192413 - 110010243	192013 - 010000662	192414 - 010000668
192413 - 110010245	192013 - 010000665	192414 - 110010248
192510 - 110010242	192013 - 110010248	192415 - 010000663
192008 - 110010243	192014 - 110010247	192508 - 110010243
192010 - 010000664	192014 - 110010249	192510 - 110010243
192011 - 110010242	192015 - 110010244	192510 - 110010245
192011 - 110010245	192015 - 110010248	192511 - 110010244
192012 - 010000663	192015 - 110010249	192512 - 110010243
192012 - 110010242	192016 - 110017105	192513 - 010000662
192013 - 010000663	192017 - 110010246	192513 - 010000663
192013 - 010000666	192017 - 110010247	192513 - 010000665
192014 - 010000664	192107 - 110010243	192513 - 110010245
192014 - 110010248	192109 - 010000663	192514 - 110010244
192016 - 110010246	192110 - 010000662	192007 - 110010243
192016 - 110010247	192110 - 110010241	192007 - 110017105
192016 - 110010248	192111 - 010000662	192008 - 010000661
192108 - 110010244	192111 - 010000663	192008 - 110010241
192111 - 110017102	192111 - 010000664	192009 - 010000661
192111 - 110017104	192111 - 110010247	192009 - 010000663
192113 - 010000664	192112 - 010000662	192009 - 110010241

192009 - 110010245	192109 - 010000662	192116 - 110010269
192009 - 110010246	192109 - 010000666	192116 - 110017103
192009 - 110010264	192109 - 110017102	192117 - 010000665
192010 - 010000662	192109 - 110017103	192117 - 010000666
192010 - 010000665	192110 - 010000661	192117 - 110017108
192010 - 010000666	192110 - 010000663	192118 - 110010246
192010 - 010000667	192110 - 110010248	192118 - 110010247
192010 - 110010246	192110 - 110017103	192118 - 110010248
192010 - 110017102	192111 - 010000661	192118 - 110010268
192011 - 010000662	192111 - 010000665	192119 - 110010250
192011 - 010000665	192111 - 110010265	192407 - 010000662
192011 - 110010240	192111 - 110010269	192407 - 010000664
192011 - 110010247	192112 - 010000664	192407 - 110010243
192011 - 110010263	192112 - 010000666	192408 - 010000664
192012 - 110010264	192112 - 110010241	192408 - 110010244
192012 - 110010265	192112 - 110010265	192408 - 110010262
192012 - 110010266	192112 - 110010266	192409 - 010000662
192012 - 110017105	192112 - 110017101	192409 - 010000665
192012 - 110017106	192112 - 110017105	192409 - 110010246
192013 - 010000667	192113 - 010000666	192410 - 010000662
192013 - 110010250	192113 - 010000667	192410 - 010000664
192013 - 110010267	192113 - 010000668	192410 - 010000665
192014 - 010000663	192113 - 110010242	192411 - 110010245
192014 - 010000666	192113 - 110010265	192411 - 110010262
192014 - 010000667	192113 - 110010266	192412 - 010000662
192014 - 010000671	192113 - 110010267	192412 - 010000663
192014 - 110010269	192113 - 110017101	192412 - 010000667
192015 - 010000662	192113 - 110017103	192412 - 110010245
192015 - 010000663	192113 - 110017104	192412 - 110017103
192015 - 010000665	192113 - 110017106	192413 - 010000664
192015 - 010000667	192114 - 010000664	192413 - 010000667
192015 - 110010243	192114 - 010000665	192413 - 110010241
192015 - 110010264	192114 - 010000667	192413 - 110010247
192016 - 010000666	192114 - 110010267	192413 - 110010265
192017 - 010000666	192114 - 110010270	192413 - 110010266
192017 - 010000667	192114 - 110017103	192414 - 010000667
192017 - 110010248	192114 - 110017106	192414 - 110010242
192018 - 010000667	192115 - 010000660	192414 - 110010244
192018 - 110010247	192115 - 010000665	192415 - 010000665
192019 - 010000668	192115 - 010000667	192415 - 010000666
192107 - 110010242	192115 - 110010243	192415 - 010000667
192107 - 110010245	192115 - 110010244	192415 - 110010241
192107 - 110017102	192115 - 110010248	192415 - 110010245
192108 - 010000662	192115 - 110017102	192415 - 110010248
192108 - 110010241	192115 - 110017105	192415 - 110010265
192108 - 110017101	192116 - 110010248	192415 - 110010266

192416 - 010000664	192511 - 010000664	192512 - 110010245
192416 - 010000666	192511 - 110010241	192512 - 110010248
192416 - 010000667	192511 - 110010243	192513 - 110010243
192417 - 110010249	192511 - 110010245	192513 - 110010244
192508 - 010000661	192511 - 110010246	192514 - 010000663
192508 - 010000663	192512 - 010000662	192515 - 010000664
192509 - 010000661	192512 - 010000663	192515 - 110010246
192509 - 110010241	192512 - 010000664	192516 - 110010245
192509 - 110010245	192512 - 110010241	192517 - 010000665
192510 - 110010246	192512 - 110010242	
192511 - 010000661	192512 - 110010244	

Catalog numbers used in the analysis of the Echo Bi-Metric Microplasty/G7 combination.

193111 - 110017103	193015 - 010000667	193009 - 010000663
193111 - 110017102	193109 - 110017103	193009 - 010000664
193110 - 110017102	193110 - 110017101	193010 - 010000663
193112 - 110017104	193111 - 110017105	193010 - 110017103
193114 - 110017105	193012 - 110017105	193011 - 010000663
193012 - 010000665	193013 - 010000666	193011 - 110017103
193014 - 010000666	193014 - 010000664	193012 - 110017102
193013 - 010000664	193014 - 010000667	193015 - 010000665
193109 - 110017102	193015 - 010000666	193016 - 010000667
193110 - 110017103	193108 - 110017102	193016 - 110017106
193113 - 110017105	193109 - 110017101	193017 - 010000667
193112 - 110017102	193112 - 110010243	193108 - 110017101
193009 - 110017102	193112 - 110010244	193108 - 110017103
193112 - 110017103	193113 - 110017102	193110 - 110010243
193113 - 110017103	193116 - 110017105	193111 - 110010245
193012 - 010000664	193116 - 110017106	193112 - 110017106
193014 - 010000665	193011 - 010000665	193113 - 110010246
193111 - 110017104	193011 - 010000666	193113 - 110010247
193112 - 110017105	193012 - 010000666	193114 - 110010246
193011 - 010000664	193012 - 110017103	193114 - 110017102
193011 - 110017102	193110 - 110017104	193115 - 110010247
193112 - 110010246	193113 - 110017106	193115 - 110017104
193115 - 110017106	193013 - 010000663	193117 - 110017105
193114 - 110017103	193013 - 010000667	193009 - 010000662
193010 - 110017102	193016 - 010000665	193009 - 110017101
193012 - 010000663	193111 - 010000662	193010 - 010000662
193113 - 110017104	193111 - 110010246	193010 - 110017101
193114 - 110017106	193114 - 110017104	193012 - 110010244
193010 - 010000664	193115 - 110017103	193013 - 110010245
193013 - 010000665	193115 - 110017105	193013 - 110017102

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193108 - 110017099
193109 - 010000661
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193109 - 110017104
193110 - 010000661

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193110 - 110010245	193113 - 010000666	193116 - 010000664
193110 - 110010246	193113 - 110010243	193116 - 110010250
193110 - 110010247	193113 - 110010245	193116 - 110017103
193110 - 110017106	193113 - 110010248	193116 - 110017104
193111 - 010000661	193114 - 010000662	193117 - 110017103
193111 - 010000663	193114 - 010000664	193117 - 110017106
193111 - 110017101	193114 - 010000666	193117 - 110017108
193112 - 010000661	193114 - 010000667	193118 - 110017106
193112 - 110010266	193114 - 110010248	193118 - 110017107
193112 - 110017101	193115 - 010000663	193119 - 110017107
193112 - 110017107	193115 - 110010245	

Catalog numbers used in the analysis of the Fitmore/Continuum combination.

0100551306 - 00875705401	0100551307 - 00875705201	0100551303 - 00875705001
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0100551210 - 00875706201
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0100551306 - 00875706201
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0100551307 - 00875706401
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0100551308 - 00875705600
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0100551312 - 00875706401
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0100551313 - 00875706201
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0100551202 - 00875704802	0100551210 - 00875705201	0100551308 - 00875706002
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0100551202 - 00875705400	0100551210 - 00875706000	0100551309 - 00875705001
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0100551203 - 00875704601	0100551211 - 00875705600	0100551309 - 00875705602
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0100551203 - 00875705802	0100551302 - 00875705200	0100551310 - 00875706601
0100551203 - 00875706001	0100551302 - 00875705402	0100551310 - 00875706602
0100551204 - 00875704601	0100551302 - 00875705801	0100551311 - 00875705401
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0100551204 - 00875705402	0100551303 - 00875705202	0100551312 - 00875705601
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0100551205 - 00875705602	0100551304 - 00875705402	0100551402 - 00875705202
0100551205 - 00875706001	0100551304 - 00875705602	0100551402 - 00875705800
0100551206 - 00875704802	0100551304 - 00875706201	0100551403 - 00875705001
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0100551206 - 00875705602	0100551305 - 00875705200	0100551405 - 00875705802
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0100551207 - 00875705200	0100551306 - 00875704802	0100551406 - 00875705600
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0100551207 - 00875705600	0100551306 - 00875705600	0100551407 - 00875705802
0100551207 - 00875705800	0100551306 - 00875705602	0100551408 - 00875705401
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0100551208 - 00875705200	0100551307 - 00875705001	0100551409 - 00875706401
0100551208 - 00875705400	0100551307 - 00875705402	0100551410 - 00875706601
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0100551209 - 00875705201	0100551307 - 00875705602	0100551412 - 00875706201
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0100551209 - 00875706201	0100551307 - 00875706002	

Catalog numbers used in the analysis of the Fitmore/G7 combination.

0100551305 - 110010244
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0100551307 - 110010243
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0100551306 - 010000666	0100551204 - 010000661	0100551304 - 010000666
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0100551307 - 110010269	0100551313 - 110010251	0100551407 - 010000668
0100551308 - 010000663	0100551401 - 010000663	0100551407 - 110010268
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0100551308 - 110010264	0100551401 - 110010248	0100551408 - 010000668
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0100551308 - 110010266	0100551402 - 110010248	0100551409 - 110010250
0100551308 - 110010268	0100551403 - 010000663	0100551409 - 110010267
0100551309 - 110010242	0100551403 - 110010247	0100551409 - 110010268
0100551309 - 110010249	0100551403 - 110010248	0100551410 - 010000667
0100551309 - 110010250	0100551404 - 010000664	0100551411 - 010000666
0100551309 - 110010268	0100551404 - 010000665	0100551411 - 110010249
0100551310 - 010000665	0100551404 - 010000667	0100551411 - 110010250
0100551310 - 010000668	0100551404 - 110010243	0100551412 - 110010247
0100551310 - 010000671	0100551404 - 110010248	0100551412 - 110010248
0100551310 - 110010249	0100551404 - 110010249	0100551412 - 110010249
0100551311 - 110010245	0100551405 - 010000666	

Catalog numbers used in the analysis of the M/L Taper/Continuum combination.

00771100900 - 00875705201	00771101220 - 00875706001	00771100910 - 00875705201
00771101220 - 00875705601	00771101100 - 00875705401	00771100710 - 00875705201
00771101220 - 00875705801	00771101200 - 00875705401	00771101120 - 00875705201
00771100700 - 00875705201	00771101200 - 00875705801	00771100920 - 00875705401
00771100940 - 00875705401	00771101300 - 00875705601	00771100920 - 00875705601
00771100900 - 00875705401	00771100900 - 00875705601	00771101300 - 00875705801
00771101200 - 00875705601	00771101320 - 00875706001	00771101140 - 00875705401
00771101120 - 00875705601	00771101020 - 00875705601	00771101200 - 00875705201
00771101320 - 00875705601	00771101100 - 00875705201	00771100700 - 00875705001
00771100940 - 00875705201	00771101100 - 00875705601	00771101120 - 00875706001
00771101220 - 00875705401	00771101020 - 00875705401	00771100740 - 00875705001
00771101520 - 00875705801	00771101040 - 00875705401	00771101100 - 00875705801
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00771101620 - 110010244
00771101620 - 110010246
00771100410 - 010000664
00771100440 - 010000663
00771100440 - 010000665
00771100440 - 110010242
00771100500 - 010000660
00771100500 - 010000663
00771100500 - 110010244
00771100500 - 110010245
00771100510 - 010000663
00771100510 - 110010243
00771100510 - 110010245
00771100520 - 010000663

00771100540 - 010000660	00771100940 - 110010245	00771101210 - 110010264
00771100540 - 110010242	00771100940 - 110010247	00771101220 - 110010243
00771100540 - 110010244	00771100940 - 110017102	00771101220 - 110010269
00771100600 - 110010242	00771101000 - 110010244	00771101240 - 010000661
00771100600 - 110010245	00771101000 - 110010247	00771101240 - 010000668
00771100600 - 110010263	00771101000 - 110010263	00771101240 - 010000669
00771100610 - 010000663	00771101010 - 010000660	00771101240 - 110010243
00771100610 - 010000664	00771101010 - 010000661	00771101240 - 110010244
00771100610 - 010000665	00771101010 - 110010242	00771101300 - 010000662
00771100610 - 110010243	00771101010 - 110010246	00771101300 - 110010244
00771100610 - 110010264	00771101010 - 110010247	00771101300 - 110010248
00771100620 - 010000660	00771101010 - 110010265	00771101300 - 110010265
00771100620 - 010000661	00771101020 - 010000661	00771101300 - 110010266
00771100620 - 010000664	00771101020 - 010000662	00771101300 - 110010267
00771100620 - 110010242	00771101020 - 010000667	00771101320 - 110010272
00771100620 - 110010243	00771101020 - 110010242	00771101500 - 110010244
00771100640 - 010000664	00771101040 - 010000661	00771101500 - 110010245
00771100640 - 110010240	00771101040 - 010000667	00771101500 - 110010246
00771100640 - 110010241	00771101040 - 010000669	00771101500 - 110010249
00771100640 - 110010245	00771101040 - 110010241	00771101500 - 110010250
00771100640 - 110010246	00771101040 - 110010247	00771101500 - 110010269
00771100640 - 110010266	00771101040 - 110010264	00771101520 - 010000669
00771100700 - 110010242	00771101100 - 010000661	00771101520 - 110010248
00771100700 - 110010246	00771101100 - 010000668	00771101520 - 110010249
00771100710 - 010000665	00771101100 - 110010243	00771101520 - 110010267
00771100710 - 110010246	00771101100 - 110010249	00771101600 - 010000664
00771100720 - 010000666	00771101110 - 010000665	00771101600 - 010000665
00771100720 - 110010246	00771101110 - 110010244	00771101620 - 010000663
00771100740 - 010000660	00771101110 - 110010246	00771101620 - 010000669
00771100740 - 010000665	00771101120 - 010000663	00771101620 - 110010248
00771100900 - 110010247	00771101140 - 110010248	00771101620 - 110010250
00771100900 - 110010264	00771101200 - 110010245	00771101700 - 010000666
00771100910 - 010000661	00771101200 - 110010248	00771101700 - 010000667
00771100910 - 110010240	00771101200 - 110010249	00771101700 - 010000668
00771100910 - 110010243	00771101200 - 110010269	00771101720 - 010000666
00771100910 - 110010246	00771101210 - 010000666	00771101720 - 010000667
00771100910 - 110010265	00771101210 - 010000667	00771102020 - 010000666
00771100910 - 110010266	00771101210 - 010000668	00771102020 - 010000669
00771100910 - 110017100	00771101210 - 010000669	00771102020 - 110010250
00771100920 - 010000666	00771101210 - 110010243	7711012 - 010000665
00771100920 - 110010244	00771101210 - 110010244	
00771100920 - 110010263	00771101210 - 110010246	

Catalog numbers used in the analysis of the M/L Taper/Trabecular Metal combination.

00771100700 - 00620204822
00771100900 - 00620204822
00771101000 - 00620205022
00771100900 - 00620205022
00771101100 - 00620205222
00771100500 - 00620204822
00771101000 - 00620205222
00771101100 - 00620205422
00771100600 - 00620204822
00771101000 - 00620204822
00771101200 - 00620205222
00771100700 - 00620205022
00771100920 - 00620205022
00771101200 - 00620205422
00771100700 - 00620205222
00771101220 - 00620205222
00771100900 - 00620205222
00771101020 - 00620205022
00771101200 - 00620205622
00771101220 - 00620205422
00771101300 - 00620205422
00771101320 - 00620205422
00771101000 - 00620205422
00771101100 - 00620205022
00771101120 - 00620205222
00771101120 - 00620205422
00771100600 - 00620205022
00771101020 - 00620205222
00771101020 - 00620205422
00771101100 - 00620205622
00771101200 - 00620205022
00771101220 - 00620205622
00771101100 - 00620204822
00771101200 - 00620205822
00771101220 - 00620205822
00771101320 - 00620205622
00771101300 - 00620205622
00771101520 - 00620205422
00771101120 - 00620205822
00771101300 - 00620205222
00771100410 - 00620204822
00771100500 - 00620204622
00771100520 - 00620204822
00771100720 - 00620205222
00771101120 - 00620205022
00771101320 - 00620205222
00771101500 - 00620205422
00771101520 - 00620205622
00771100620 - 00620204822
00771100720 - 00620204822
00771100920 - 00620204822
00771101300 - 00620205822
00771100440 - 00620204822
00771100440 - 00620205022
00771100600 - 00620204622
00771100720 - 00620205022
00771101020 - 00620204822
00771101020 - 00620205822
00771101200 - 00620206022
00771101320 - 00620205822
00771101500 - 00620205822
00771101620 - 00620205822
00771101700 - 00620205822
00771101720 - 00620205822
00771100700 - 00620205622
00771100900 - 00620205020
00771100900 - 00620205422
00771100900 - 00620205622
00771100910 - 00620205022
00771101000 - 00620205622
00771101020 - 00620205622
00771101120 - 00620204822
00771101200 - 00620204822
00771101320 - 00620205022
00771101320 - 00620206022
00771101320 - 00620206222
00771101500 - 00620205622
00771101520 - 00620205822
00771101600 - 00620205822
00771101620 - 00620205622
00771101700 - 00620206022
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00771100440 - 00620204622
00771100500 - 00620205022
00771100600 - 00620205222
00771100620 - 00620205222
00771100700 - 00620205822
00771100720 - 00620205422
00771100900 - 00620204622
00771100910 - 00620204822
00771100920 - 00620205222
00771100920 - 00620205422
00771101010 - 00620205022
00771101010 - 00620205222
00771101100 - 00620205822
00771101100 - 00620206020
00771101200 - 00620205020
00771101200 - 00620205820
00771101210 - 00620205222
00771101210 - 00620206220
00771101220 - 00620205022
00771101300 - 00620205022
00771101300 - 00620206022
00771101500 - 00620205222
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00771101600 - 00620205422
00771101600 - 00620205622
00771101620 - 00620205422
00771101620 - 00620206022
00771101700 - 00620206222
00771100410 - 00620205222
00771100500 - 00620204820
00771100500 - 00620205222
00771100500 - 00620205422
00771100500 - 00620205622
00771100520 - 00620205022
00771100540 - 00620205220
00771100600 - 00620205020
00771100600 - 00620205220
00771100600 - 00712306254
00771100610 - 00620204820
00771100610 - 00620204822
00771100620 - 00620205022
00771100620 - 00620205420
00771100620 - 00620205622
00771100700 - 00620204622
00771100700 - 00620205020
00771100700 - 00620205420
00771100700 - 00620205422
00771100700 - 00620206420
00771100710 - 00620205020
00771100710 - 00620205022
00771100720 - 00620205620
00771100720 - 00620205622
00771100740 - 00620204622
00771100740 - 00620204820
00771100740 - 00620206022
00771100900 - 00620205620

00771100900 - 00620205822	00771101100 - 00620205820	00771101320 - 00620207022
00771100910 - 00620205020	00771101100 - 00620206022	00771101500 - 00620206022
00771100910 - 00620205222	00771101110 - 00620204822	00771101500 - 00620206222
00771100910 - 00620205420	00771101110 - 00620205022	00771101500 - 00620206422
00771100910 - 00620205820	00771101110 - 00620205220	00771101520 - 00620205022
00771100920 - 00620204622	00771101110 - 00620205620	00771101520 - 00620206222
00771100920 - 00620205622	00771101110 - 00620205820	00771101600 - 00620206220
00771100920 - 00620205820	00771101120 - 00620205622	00771101600 - 00620206222
00771100920 - 00620206022	00771101120 - 00620206020	00771101600 - 00620207022
00771100940 - 00620205020	00771101140 - 00620205222	00771101720 - 00620205422
00771101000 - 00620205620	00771101140 - 00620206220	00771101720 - 00620206022
00771101000 - 00620205820	00771101200 - 00620205620	00771101720 - 00620206222
00771101000 - 00620205822	00771101200 - 00620207020	00771102000 - 00620205822
00771101010 - 00620204822	00771101210 - 00620205020	00771102000 - 00620206022
00771101020 - 00620204622	00771101210 - 00620205822	00771102020 - 00620205422
00771101020 - 00620205620	00771101220 - 00620204822	00771102020 - 00620205622
00771101020 - 00620206022	00771101220 - 00620206020	00771102020 - 00620206022
00771101020 - 00620206220	00771101240 - 00620205222	00771102220 - 00620205622
00771101040 - 00620205222	00771101240 - 00620205622	
00771101040 - 00620205820	00771101240 - 00620206220	
00771101100 - 00620205620	00771101300 - 00620206422	

Catalog numbers used in the analysis of the M/L Taper/Trilogy combination.

00771101240 - 00620005821	00771100910 - 00620005022	00771101000 - 00620005222
00771101240 - 00620005822	00771101010 - 00620005222	00771101010 - 00620005022
00771100710 - 00620005022	00771101100 - 00620005222	00771101100 - 00620005422
00771100700 - 00620005022	00771101200 - 00620005422	00771101200 - 00620005822
00771100910 - 00620005422	00771100710 - 00620005222	00771101300 - 00620005622
00771101000 - 00620005422	00771100740 - 00620005422	00771101500 - 00620006022
00771100910 - 00620005222	00771101010 - 00620005422	00771101520 - 00620006021
00771100940 - 00620005422	00771101010 - 00620005822	00771100740 - 00620005022
00771100900 - 00620005222	00771101140 - 00620005822	00771101000 - 00620005022
00771100900 - 00620005422	00771101210 - 00620005822	00771101010 - 00620005622
00771101140 - 00620005422	00771101240 - 00620006021	00771101040 - 00620005222
00771100740 - 00620005222	00771101320 - 00620006022	00771101120 - 00620005822
00771100900 - 00620005022	00771100720 - 00620005022	00771101140 - 00620005821
00771100700 - 00620005222	00771100940 - 00620005421	00771101220 - 00620006022
00771100940 - 00620005222	00771100940 - 00620005821	00771101240 - 00620005622
00771100940 - 00620005622	00771101110 - 00620005622	00771101320 - 00620005821
00771101300 - 00620005822	00771101210 - 00620005622	00771101320 - 00620006222
00771101320 - 00620005822	00771101220 - 00620005622	00771100510 - 00620005022
00771100640 - 00620005022	00771101220 - 00620005822	00771100610 - 00620005222
00771100710 - 00620005422	00771100610 - 00620005022	00771100640 - 00620005221

00771100720 - 00620005422
00771100900 - 00620005622
00771101100 - 00620005622
00771101110 - 00620005222
00771101110 - 00620005422
00771101200 - 00620005622
00771101240 - 00620006022
00771100600 - 00620005022
00771100700 - 00620005422
00771100740 - 00620005221
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00771101000 - 00620005622
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00771100700 - 00620005420
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00771101010 - 00620006222
00771101040 - 00620005021
00771101040 - 00620005621
00771101100 - 00620005620
00771101110 - 00620005220
00771101120 - 00620005421
00771101140 - 00620006222
00771101200 - 00620005220

00771101200 - 00620005820	00771100900 - 00620005220	00771101220 - 00620005821
00771101200 - 00620006222	00771100900 - 00620005620	00771101220 - 00620006021
00771101210 - 00620005022	00771100900 - 00620006022	00771101220 - 00620006221
00771101210 - 00620006222	00771100910 - 00620005420	00771101220 - 00620006422
00771101220 - 00620005422	00771100920 - 00620005621	00771101240 - 00620005022
00771101240 - 00620006222	00771100920 - 00620005820	00771101240 - 00620005424
00771101240 - 00620006224	00771100920 - 00620006021	00771101240 - 00620005621
00771101300 - 00620005222	00771100920 - 00620006022	00771101240 - 00620005820
00771101500 - 00620005020	00771100940 - 00620005424	00771101240 - 00620005824
00771101500 - 00620006222	00771101000 - 00620005220	00771101240 - 00620006422
00771101520 - 00620006224	00771101010 - 00620005020	00771101300 - 00620005022
00771101520 - 00620006421	00771101010 - 00620005220	00771101300 - 00620005220
00771101620 - 00620006022	00771101010 - 00620005620	00771101300 - 00620005620
00771101700 - 00620005822	00771101020 - 00620005022	00771101300 - 00620006020
00771101700 - 00620006222	00771101020 - 00620005621	00771101300 - 00620006422
00771101720 - 00620005822	00771101020 - 00620006222	00771101320 - 00620005421
00771100440 - 00620005024	00771101040 - 00620005220	00771101320 - 00620005422
00771100500 - 00620005020	00771101040 - 00620006022	00771101320 - 00620005621
00771100500 - 00620005422	00771101040 - 00620006024	00771101320 - 00620006422
00771100510 - 00620005220	00771101040 - 00620006222	00771101320 - 00620006624
00771100510 - 00620005422	00771101040 - 00620006622	00771101500 - 00620005220
00771100520 - 00620005022	00771101100 - 00620004822	00771101500 - 00620005420
00771100540 - 00620004822	00771101100 - 00620005220	00771101500 - 00620006020
00771100540 - 00620005024	00771101100 - 00620005420	00771101500 - 00620006422
00771100540 - 00620005221	00771101110 - 00620005020	00771101520 - 00620005820
00771100600 - 00620005220	00771101110 - 00620005820	00771101600 - 00620005622
00771100610 - 00620005622	00771101110 - 00620006222	00771101600 - 00620005820
00771100620 - 00620005022	00771101120 - 00620005022	00771101600 - 00620005822
00771100620 - 00620005622	00771101120 - 00620005422	00771101600 - 00620006222
00771100640 - 00620004822	00771101120 - 00620006222	00771101620 - 00620005022
00771100700 - 00620004820	00771101140 - 00620005022	00771101620 - 00620005422
00771100700 - 00620005220	00771101140 - 00620005221	00771101620 - 00620005622
00771100710 - 00620005220	00771101140 - 00620005621	00771101620 - 00620006024
00771100710 - 00620005420	00771101140 - 00620006020	00771101700 - 00620005820
00771100710 - 00620005620	00771101140 - 00620006224	00771101720 - 00620006021
00771100740 - 00620005021	00771101140 - 00620006421	00771101720 - 00620006022
00771100740 - 00620005424	00771101140 - 00620006422	00771101720 - 00620006421
00771100740 - 00620005824	00771101200 - 00620005022	00771102000 - 00620006222
00771100740 - 00620006021	00771101200 - 00620005620	00771102020 - 00620005821
00771100740 - 00620006222	00771101210 - 00620005420	00771102020 - 00620006022
00771100900 - 00620005020	00771101220 - 00620005022	

Catalog numbers used in the analysis of the Polarstem/Reflection 3 combination.

75100465 - 71335552	75018417 - 71335558	75018403 - 71338667
75100466 - 71335552	75100467 - 71335558	75018404 - 71338665
75100467 - 71335552	75100469 - 71335558	75018404 - 71338666
75100467 - 71335554	75100470 - 71335558	75018404 - 71338667
75100465 - 71335548	75100471 - 71335556	75018404 - 71338668
75100466 - 71335548	75100476 - 71335556	75018404 - 71338669
75100466 - 71335554	75100477 - 71335556	75018405 - 71338668
75100468 - 71335554	75100463 - 71335550	75018418 - 71335554
75100464 - 71335548	75100467 - 71335550	75018418 - 71335558
75100463 - 71335552	75100475 - 71335552	75018419 - 71335556
75100464 - 71335552	75100478 - 71335558	75100463 - 71335554
75100468 - 71335552	75100480 - 71335560	75100464 - 71335558
75100469 - 71335556	75018414 - 71335554	75100464 - 71338664
75100465 - 71335554	75100464 - 71335554	75100466 - 71338664
75100468 - 71335556	75100465 - 71335556	75100472 - 71335556
75100469 - 71335554	75100466 - 71335558	75100474 - 71335550
75100479 - 71335556	75100469 - 71335548	75100474 - 71335554
75018416 - 71335556	75100476 - 71335554	75100475 - 71335548
75100467 - 71335548	75100478 - 71335552	75100475 - 71335556
75100466 - 71335556	75018402 - 71338666	75100476 - 71335548
75100467 - 71335556	75018415 - 71335554	75100477 - 71335560
75100469 - 71335552	75100475 - 71335554	75100479 - 71335552
75100477 - 71335554	75100479 - 71335558	75100481 - 71335558
75100481 - 71335556	75100480 - 71335554	75100481 - 71335560
75100470 - 71335556	75100480 - 71335558	75102209 - 71335562
75100478 - 71335554	75102209 - 71335558	75102246 - 71335556
75100478 - 71335556	75018401 - 71338665	75102247 - 71335556
75100480 - 71335556	75018404 - 71335556	75102252 - 71335552
75100465 - 71335550	75018417 - 71335554	75102252 - 71338666
75100466 - 71335550	75018418 - 71335556	75102253 - 71335552
75100463 - 71335548	75018418 - 71335560	75102255 - 71335552
75100464 - 71335550	75100464 - 71338665	75018400 - 71338664
75018402 - 71338665	75100465 - 71338665	75018402 - 71335554
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75100467 - 71335562	75018403 - 71338664	75100468 - 71335560
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75100469 - 71335562	75018405 - 71335552	75100469 - 71338667
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75100471 - 71335554	75018405 - 71338666	75100470 - 71335562
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75100471 - 71335560	75018406 - 71335552	75100471 - 71338667
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75100475 - 71335558	75018406 - 71338671	75100474 - 71335558
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75100478 - 71335562	75018407 - 71338669	75100476 - 71335560
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75100482 - 71335558	75018409 - 71335552	75100477 - 71335562
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75102211 - 71335560	75018413 - 71335556	75100480 - 71338667
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75102249 - 71335556	75018419 - 71335562	75102074 - 71331848
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75102251 - 71338665	75100463 - 71338664	75102211 - 71335556
75102253 - 71335558	75100463 - 71338666	75102211 - 71335558
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75102247 - 71335558	75102253 - 71335548	75102255 - 71338669
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75102251 - 71335548	75102254 - 71335552	75102257 - 71338668
75102251 - 71335556	75102254 - 71335558	75102258 - 71335554
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75102252 - 71338667	75102254 - 71338669	

Catalog numbers used in the analysis of the Secur-Fit/Trident combination.

160107132 - 5020354E	160109132 - 5421154F	160107132 - 5020358F
160107132 - 5020352D	160106132 - 5421150E	160107132 - 5421154F
160107132 - 5421150E	160107127 - 5020350D	160108132 - 5021154E
160107127 - 5021152E	160107127 - 5020354E	160109127 - 5020358F
160107132 - 5020356E	160107127 - 5021154E	160109127 - 5021160G
160108127 - 5021156F	160107132 - 5021152E	160109132 - 5020350D
160108132 - 5021152E	160107132 - 5421152E	160109132 - 5020362G
160108127 - 5021152E	160108132 - 5421152E	160109132 - 5021152E
160108132 - 5020352D	160109127 - 5021156F	160110132 - 5020358F
160108132 - 5421154F	160109132 - 5421156F	160105132 - 5020352D
160109127 - 5021154E	160110127 - 5021156F	160106127 - 5020350D
160107132 - 5020350D	160108127 - 5021158F	160106127 - 5020352D
160108132 - 5020354E	160108132 - 5020360F	160106132 - 5021150D
160109132 - 5421152E	160108132 - 5021150D	160107127 - 5020360F
160108132 - 5421150E	160108132 - 5021156F	160107127 - 5021158F
160109132 - 5020354E	160109127 - 5021158F	160107132 - 5020348C
160109132 - 5020356E	160109132 - 5020352D	160108127 - 5020358F
160110127 - 5021160G	160109132 - 5020360F	160108127 - 5021160G
160106132 - 5020352D	160110127 - 5021158F	160109127 - 5021150D
160107132 - 5021150D	160106127 - 5021150D	160109127 - 5021162G
160108127 - 5021154E	160107127 - 5020356E	160109132 - 5000356E
160108132 - 5020356E	160108132 - 5020350D	160109132 - 5021154E
160108132 - 5020358F	160108132 - 5421156F	160109132 - 5421150E
160106132 - 5020350D	160109132 - 5020358F	160110127 - 5021152E
160107127 - 5021150D	160110127 - 5021154E	160110132 - 5020352D
160110132 - 5020354E	160105132 - 5020350D	160106127 - 5021148D
160108127 - 5020354E	160106127 - 5021152E	160106132 - 5021152E
160108127 - 5021150D	160106132 - 5020354E	160107127 - 5020348C
160109127 - 5021152E	160107127 - 5020352D	160108127 - 5020356E

160110132 - 5021160G	160111127 - 5021154E	160111132 - 5421154F
160110132 - 5021162G	160111127 - 5021158F	160112127 - 5020156F
160110132 - 5081158F	160111127 - 5421160G	160112127 - 5021160G
160110132 - 5421152E	160111132 - 5000358F	160112127 - 5021162G
160110132 - 5421158G	160111132 - 5020350D	160112132 - 5020356E
160110132 - 5421160G	160111132 - 5020356E	160112132 - 5021162G
160111127 - 5020354E	160111132 - 5020360F	
160111127 - 5020358F	160111132 - 5021160G	

Catalog numbers used in the analysis of the Secur-Fit Max/Trident combination.

60510830S - 5421150E	60511140S - 5421156F	60511140S - 5421160G
60510935S - 5421154F	60520935S - 5421152E	60520730S - 5421152E
60510830S - 5421152E	60510830S - 5020356E	60520830S - 5020358F
60510935S - 5421152E	60520830S - 5020356E	60520935S - 5021158F
60511035S - 5421158G	60520830S - 5421154F	60521035S - 5021158F
60510830S - 5421154F	60520935S - 5021154E	60521035S - 5421156F
60510730S - 5421150E	60510730S - 5020352D	60510625S - 5421152E
60510935S - 5421150E	60520730S - 5021152E	60510830S - 5021154E
60511035S - 5421154F	60521035S - 5421154F	60510935S - 5401152E
60511035S - 5421156F	60520730S - 5021154E	60511035S - 5021156F
60510935S - 5421156F	60520935S - 5020356E	60511035S - 5401154F
60510935S - 5421158G	60520935S - 5421154F	60511240S - 5421160G
60510730S - 5421152E	60510625S - 5421148D	60520730S - 5021148D
60511035S - 5421152E	60510830S - 5401150E	60520730S - 5421150E
60511035S - 5421160G	60510935S - 5020352D	60520830S - 5020354E
60510830S - 5020354E	60510935S - 5020358F	60520830S - 5421150E
60510935S - 5020354E	60510935S - 5021154E	60520830S - 5421156F
60511140S - 5421158G	60510935S - 5401154F	60520935S - 5421158G
60520830S - 5021154E	60511035S - 5020360F	60510730S - 5021150D
60510730S - 5421148D	60511035S - 5401156F	60510830S - 5401152E
60510830S - 5421156F	60520935S - 5021156F	60511035S - 5021158F
60511035S - 5020356E	60521035S - 5421152E	60511140S - 5421154F
60510830S - 5421158G	60511035S - 5421150E	60520935S - 5021152E
60510625S - 5421150E	60520935S - 5020354E	60521035S - 5020356E
60510935S - 5020356E	60520935S - 5020358F	60521035S - 5020360F
60510730S - 5421154F	60510730S - 5020354E	60521035S - 5421158G
60510830S - 5421148D	60510730S - 5021152E	60510730S - 5020350D
60510935S - 5401150E	60510830S - 5021152E	60510730S - 5421156F
60520830S - 5021156F	60510830S - 5021156F	60510830S - 5020350D
60520730S - 5021150D	60510935S - 5020350D	60510935S - 5021152E
60520830S - 5021152E	60511035S - 5020352D	60510935S - 5021156F
60520830S - 5421152E	60511035S - 5020358F	60510935S - 5401156F
60510830S - 5020352D	60511035S - 5401152E	60510935S - 5421160G

60511035S - 5020354E	60511240S - 5421156F	60511240S - 5401154F
60511035S - 5401150E	60511240S - 5421162H	60520625S - 5021152E
60511240S - 5421158G	60520625S - 5021150D	60520730S - 5020356E
60520625S - 5421150E	60520730S - 5000354E	60520730S - 5421146D
60520830S - 5021150D	60520730S - 5020354E	60520730S - 5421154F
60520830S - 5421148D	60520935S - 5020362G	60520830S - 5020360F
60520935S - 5021150D	60520935S - 5401150E	60520830S - 5021158F
60510625S - 5421146D	60520935S - 5421156F	60520935S - 5021160G
60510830S - 5090256E	60521035S - 5020358F	60520935S - 5081150D
60511140S - 5020356E	60521035S - 5021152E	60520935S - 5081152E
60511140S - 5020362G	60521035S - 5401150E	60520935S - 5090262G
60511140S - 5401154F	60521140S - 5401154F	60520935S - 5421160G
60511140S - 5421152E	60521140S - 5401156F	60521035S - 5020362G
60520730S - 5020352D	60521140S - 5421156F	60521035S - 5021160G
60520730S - 5421148D	60510625S - 5020350D	60521035S - 5401154F
60520830S - 5020352D	60510625S - 5020354E	60521035S - 5421160G
60520935S - 5421150E	60510730S - 5000354E	60521140S - 5020360F
60521035S - 5021154E	60510730S - 5020356E	60521140S - 5421154F
60521035S - 5021156F	60510730S - 5021154E	60521140S - 5421158G
60510830S - 5021150D	60510730S - 5021156F	60510425S - 5421146D
60510935S - 5021150D	60510730S - 5090262G	60510525S - 5021152E
60510935S - 5090256E	60510730S - 5421146D	60510525S - 5421150E
60511035S - 5020350D	60510830S - 5000354E	60510625S - 5000352D
60511035S - 5401158G	60510830S - 5021148D	60510625S - 5000354E
60511035S - 5421164H	60510830S - 5081150D	60510625S - 5020352D
60511140S - 5421164H	60510830S - 5090264G	60510625S - 5421154F
60520625S - 5021148D	60510830S - 5401144C	60510730S - 5000350D
60520625S - 5421148D	60510830S - 5401146D	60510730S - 5000356E
60520935S - 5020360F	60510830S - 5401154F	60510730S - 5020348C
60521035S - 5020354E	60510935S - 5000356E	60510730S - 5020358F
60521140S - 5020362G	60510935S - 5000360F	60510730S - 5081150D
60510525S - 5421148D	60510935S - 5020348C	60510730S - 5081152E
60510830S - 5020358F	60510935S - 5081152E	60510730S - 5090256E
60510830S - 5020360F	60510935S - 5090260F	60510730S - 5401146D
60510830S - 5401148D	60511035S - 5021152E	60510730S - 5401148D
60510830S - 5421160G	60511035S - 5021154E	60510730S - 5401150E
60510935S - 5000358F	60511035S - 5090254E	60510830S - 5000352D
60510935S - 5020360F	60511035S - 5090256E	60510830S - 5000358F
60510935S - 5021158F	60511035S - 5090262G	60510830S - 5020346B
60510935S - 5401148D	60511035S - 5421162H	60510830S - 5020362G
60510935S - 5401158G	60511140S - 5021154E	60510830S - 5021158F
60511035S - 5020362G	60511140S - 5401150E	60510830S - 5090258F
60511140S - 5020354E	60511240S - 5020360F	60510830S - 5421146D
60511140S - 5020358F	60511240S - 5020362G	60510935S - 5000350D
60511140S - 5020364G	60511240S - 5020364G	60510935S - 5000354E
60511140S - 5401156F	60511240S - 5021156F	60510935S - 5020366H

60510935S - 5021160G	60511240S - 5401160G	60520935S - 5401148D
60510935S - 5081150D	60511240S - 5421164H	60520935S - 5401152E
60510935S - 5081154E	60511340S - 5020354E	60520935S - 5401154F
60510935S - 5081156F	60511340S - 5020364G	60520935S - 5401156F
60510935S - 5090254E	60511340S - 5421168I	60520935S - 5421146D
60510935S - 5090258F	60511440S - 5421158G	60520935S - 5421148D
60510935S - 5421148D	60511440S - 5421164H	60521035S - 5081152E
60510935S - 5421162H	60520625S - 5020350D	60521035S - 5081154E
60511035S - 5000358F	60520625S - 5020352D	60521035S - 5081156F
60511035S - 5000360F	60520625S - 5020354E	60521035S - 5421150E
60511035S - 5020364G	60520625S - 5021154E	60521140S - 5020354E
60511035S - 5090260F	60520625S - 5021156F	60521140S - 5020356E
60511035S - 5090264G	60520625S - 5401150E	60521140S - 5021152E
60511035S - 5401160G	60520625S - 5421144C	60521140S - 5021154E
60511140S - 5000358F	60520625S - 5421146D	60521140S - 5021156F
60511140S - 5020352D	60520625S - 5421154F	60521140S - 5021160G
60511140S - 5020360F	60520730S - 5020350D	60521140S - 5090260F
60511140S - 5021156F	60520730S - 5020358F	60521140S - 5401160G
60511140S - 5021160G	60520730S - 5021156F	60521140S - 5421150E
60511140S - 5081152E	60520730S - 5090258F	60521240S - 5020358F
60511140S - 5081158F	60520730S - 5401146D	60521240S - 5020360F
60511140S - 5090254E	60520730S - 5401150E	60521240S - 5020364G
60511140S - 5090260F	60520830S - 5021148D	60521240S - 5021158F
60511140S - 5401152E	60520830S - 5090254E	60521240S - 5090260F
60511140S - 5401160G	60520830S - 5401148D	60521240S - 5421156F
60511140S - 5421162H	60520830S - 5421158G	60521240S - 5421160G
60511240S - 5020350D	60520830S - 5421160G	60521340S - 5020356E
60511240S - 5020358F	60520830S - 5421164H	60521340S - 5020360F
60511240S - 5021158F	60520935S - 5020352D	60521340S - 5021154E
60511240S - 5090260F	60520935S - 5021164H	60521340S - 5090268H
60511240S - 5090270I	60520935S - 5090254E	60521340S - 5421158G
60511240S - 5401156F	60520935S - 5090258F	
60511240S - 5401158G	60520935S - 5090264G	

Catalog numbers used in the analysis of the Secur-Fit Plus Max/Trident combination.

60540812S - 5421150E	60540913S - 5421156F	S2337HF07 - 5421150E
60540913S - 5421154F	60541014S - 5421156F	60540915S - 5421154F
60540711S - 5421150E	60540913S - 5421158G	S2337HF08 - 5421154F
60541014S - 5421154F	60540711S - 5421146D	S2337HF09 - 5421154F
60540812S - 5421154F	60540711S - 5421154F	60540814S - 5421150E
60540913S - 5421150E	60540713S - 5421150E	60541115S - 5421154F
60541014S - 5421158G	60540913S - 5421152E	60540812S - 5020354E
60541115S - 5421158G	60540812S - 5421152E	60540814S - 5421154F

60540913S - 5020354E
S2337HF07 - 5421152E
S2337HF08 - 5421150E
60540812S - 5421146D
60540610S - 5421146D
60540812S - 5421156F
S2337HF08 - 5421152E
60540915S - 5421150E
60541014S - 5421150E
60540812S - 5020352D
60541115S - 5421160G
S2337HF09 - 5421156F
60540812S - 5421158G
60541014S - 5421160G
60541016S - 5421154F
60540913S - 5020356E
S2337HF08 - 5421156F
60540711S - 5421152E
60540812S - 5020350D
60540814S - 5020352D
60540814S - 5021152E
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60540711S - 5020354E
60540713S - 5421146D
60540915S - 5020358F
60541014S - 5020356E
60541014S - 5020358F
60541014S - 5421152E
S2337HF07 - 5421154F
S2337HF07 - 5421156F
S2337HF09 - 5421152E
60540612S - 5021152E
60540711S - 5020352D
60540713S - 5021150D
60540814S - 5020354E
60540814S - 5421158G
60540913S - 5020352D
60540913S - 5421160G
60540915S - 5020354E
60540915S - 5021152E
60540915S - 5421158G
60541014S - 5021158F
60541016S - 5020358F
60541016S - 5421152E
60541115S - 5421156F

60541117S - 5421158G
S2337HF07 - 5421148D
S2337HF10 - 5421158G
60540612S - 5421150E
60540713S - 5421154F
60540814S - 5021154E
60540915S - 5421156F
60541016S - 5421156F
60541216S - 5421160G
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60540711S - 5020350D
60540812S - 5020356E
60540812S - 5021152E
60540812S - 5421148D
60540814S - 5020356E
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60540913S - 5021152E
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60540913S - 5401154F
60540915S - 5020356E
60540915S - 5421152E
60541014S - 5020354E
60541016S - 5421158G
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S2337HF06 - 5421148D
S2337HF08 - 5421148D
S2337HF11 - 5421158G
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60540713S - 5021152E
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60541014S - 5021154E

60541016S - 5020360F
60541016S - 5020362G
60541016S - 5021152E
60541016S - 5421160G
60541117S - 5020360F
60541216S - 5421158G
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S2337HF09 - 5421158G
S2337HF12 - 5421158G
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60540511S - 5421146D
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60540713S - 5020352D
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60540915S - 5021154E
60541014S - 5020360F
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Catalog numbers used in the analysis of the SROM/Pinnacle combination.

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Catalog numbers used in the analysis of the Summit/Pinnacle combination.

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157001120 - 121722052	157011150 - 121722058	157011135 - 121722060
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157001150 - 121732048	157011090 - 121730044	157011150 - 121732064
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157001150 - 121732066	157011090 - 121730048	157011165 - 121701058
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157001180 - 121722058	157011100 - 121730054	157011180 - 121732058
157001180 - 121722060	157011100 - 121730056	157011180 - 121732062
157001180 - 121722066	157011100 - 121731050	157013090 - 121717062
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157003090 - 121731048	157011110 - 121703054	157013110 - 121731048
157003100 - 121722048	157011110 - 121730048	157013110 - 121732048
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157003110 - 121730056	157011110 - 121732064	157013120 - 121732052

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Catalog numbers used in the analysis of the Synergy/Reflection 3 combination.

71306613 - 71335552
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71306616 - 71331856
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71306115 - 71331854	71306115 - 71335550	71306617 - 71335556
71306116 - 71331852	71306116 - 71331850	71306617 - 71335558
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71306613 - 71331854	71306118 - 71331856	71316012 - 71335548
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71306614 - 71331850	71306118 - 71335552	71316012 - 71335558
71306614 - 71331856	71306118 - 71335554	71316013 - 71335554
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71306616 - 71331850	71306118 - 71335564	71316014 - 71335556
71306618 - 71335558	71306118 - 71335568	71316015 - 71335550
71316010 - 71335550	71306118 - 71338675	71316015 - 71335552
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71316212 - 71335552	71306610 - 71335556	71316016 - 71338671
71926107 - 71335560	71306610 - 71338665	71316017 - 71335552
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71306111 - 71331850	71306612 - 71335560	71316213 - 71335550
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71306111 - 71331858	71306613 - 71331860	71316215 - 71335552
71306111 - 71335556	71306614 - 71331862	71316215 - 71335554
71306111 - 71335560	71306614 - 71338665	71316216 - 71335552
71306112 - 71331860	71306615 - 71338668	71316216 - 71335554
71306112 - 71338665	71306616 - 71331852	71316217 - 71335558
71306113 - 71335562	71306616 - 71331854	71316217 - 71338669
71306114 - 71331850	71306616 - 71331858	71926107 - 71335562
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Catalog numbers used in the analysis of the Taperloc 133/Continuum combination.

51103100 - 00875705201	51104150 - 00875706001	51103120 - 00875705801
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51103130 - 00875705401	51103110 - 00875705001	51103150 - 00875705202
51103120 - 00875705401	51103130 - 00875705801	51103150 - 00875706201
51103120 - 00875705201	51103170 - 00875705801	51103160 - 00875705401
51103090 - 00875705201	51104090 - 00875705001	51103180 - 00875705601
51100080 - 00875705201	51104090 - 00875705201	51104100 - 00875704801
51103140 - 00875705401	51104100 - 00875705401	51104110 - 00875705001
51104120 - 00875705401	51104110 - 00875705401	51104120 - 00875705402
51103100 - 00875705401	51100060 - 00875704801	51104120 - 00875705801
51104130 - 00875705401	51100080 - 00875705401	51104120 - 00875705802
51104160 - 00875705801	51103110 - 00875705801	51104130 - 00875706001
51103110 - 00875705201	51103140 - 00875705601	51104140 - 00875705602
51103120 - 00875705601	51104130 - 00875705801	51104150 - 00875705402
51104110 - 00875705201	51104140 - 00875705402	51104150 - 00875706401
51104160 - 00875705601	51100050 - 00875705001	51104160 - 00875705802
51100060 - 00875705001	51100070 - 00875705601	51104160 - 00875706201
51100080 - 00875705001	51101060 - 00875705201	51104170 - 00875705402
51103130 - 00875705601	51103110 - 00875706001	51104170 - 00875706201
51104110 - 00875705601	51103120 - 00875705001	51104180 - 00875706001
51104120 - 00875705601	51103120 - 00875706001	51100040 - 00875705001
51104140 - 00875705601	51103130 - 00875705402	51100050 - 00875705401
51103090 - 00875705401	51103130 - 00875706001	51101060 - 00875704801
51103100 - 00875705001	51103140 - 00875705801	51101070 - 00875704402
51103110 - 00875705601	51103150 - 00875705601	51101070 - 00875705001
51104100 - 00875705201	51103150 - 00875705801	51101070 - 00875705201
51104150 - 00875705801	51103170 - 00875706001	51101070 - 00875705401
51100070 - 00875705001	51103180 - 00875705801	51101080 - 00875705001
51103130 - 00875705201	51104090 - 00875705401	51101080 - 00875705401
51104140 - 00875705401	51104100 - 00875705001	51103090 - 00875705002
51100060 - 00875705201	51104100 - 00875705601	51103090 - 00875705202
51103090 - 00875705001	51104110 - 00875705801	51103090 - 00875705601
51103160 - 00875705801	51104120 - 00875705602	51103100 - 00875704402
51104140 - 00875705801	51104120 - 00875706001	51103110 - 00875704801
51104150 - 00875705401	51104130 - 00875705602	51103110 - 00875705202
51104150 - 00875705601	51104150 - 00875705602	51103110 - 00875706201
51104170 - 00875705801	51104200 - 00875705802	51103120 - 00875705202
51104170 - 00875706001	51104200 - 00875706001	51103120 - 00875705402
51100050 - 00875704801	51100070 - 00875704801	51103130 - 00875705001
51100050 - 00875705201	51100080 - 00875704801	51103140 - 00875705402
51100070 - 00875705201	51100080 - 00875705601	51103150 - 00875705002
51103100 - 00875705601	51101050 - 00875705001	51103150 - 00875705402
51103150 - 00875705401	51101070 - 00875705002	51103150 - 00875706401
51103150 - 00875706001	51101080 - 00875705201	51103160 - 00875705402
51104130 - 00875705201	51103090 - 00875705801	51103160 - 00875705601
51104130 - 00875705601	51103120 - 00875704801	51103160 - 00875706201

51103160 - 00875706401	51104100 - 00875705202	51104160 - 00875705201
51103170 - 00875704801	51104110 - 00875704801	51104170 - 00875705601
51103170 - 00875705402	51104120 - 00875705001	51104170 - 00875705802
51103180 - 00875705202	51104120 - 00875705201	51104170 - 00875706002
51103180 - 00875705402	51104120 - 00875705202	51104180 - 00875705601
51103180 - 00875705802	51104120 - 00875706201	51104180 - 00875705801
51103180 - 00875706001	51104130 - 00875705402	51104180 - 00875706201
51103200 - 00875705801	51104130 - 00875705802	51104180 - 00875706401
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Catalog numbers used in the analysis of the Taperloc 133/G7 combination.

51104130 - 110010245	51104090 - 010000662	51104130 - 110010244
51104140 - 110010246	51104090 - 010000663	51104150 - 110010245
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51103100 - 010000664	51104100 - 110017102	51103090 - 110010243
51103110 - 010000664	51104150 - 110010246	51103110 - 110010243
51104090 - 010000664	51103100 - 010000663	51103110 - 110010244
51104150 - 110010247	51104100 - 110017103	51103140 - 010000665
51104120 - 110010245	51104110 - 010000665	51104100 - 010000663
51104130 - 010000664	51104120 - 110010244	51101080 - 110010244
51104120 - 110010246	51101080 - 010000662	51103120 - 110010245
51104100 - 010000664	51103100 - 010000662	51103110 - 010000665
51104120 - 010000665	51103100 - 110010243	51103110 - 110017103
51103120 - 010000664	51103110 - 110017104	51103120 - 110010244
51104130 - 010000665	51103150 - 010000665	51103120 - 110017104
51104090 - 110010244	51104110 - 110010245	51103140 - 010000664
51104100 - 110010244	51104120 - 010000664	51104090 - 110010243
51104110 - 110010244	51104130 - 110010247	51104090 - 110017103
51103090 - 010000662	51104140 - 110010247	51104100 - 010000665
51103130 - 010000664	51101080 - 110010243	51104120 - 010000663
51104160 - 110010247	51101080 - 110017103	51104140 - 010000664
51100080 - 110010243	51103100 - 110010244	51104140 - 010000665
51101080 - 010000663	51104100 - 110010245	51104150 - 110017105
51104120 - 110017103	51104110 - 110017103	51104160 - 110017105
51104130 - 110017104	51104120 - 010000666	51100080 - 010000662
51103090 - 010000663	51104110 - 110017102	51100080 - 010000664
51103110 - 010000663	51104110 - 110017104	51103100 - 110017103
51103130 - 010000665	51104120 - 110017104	51103110 - 010000662

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51100090 - 010000662
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51101060 - 110017100
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51101070 - 110010245
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51101080 - 010000666
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51103100 - 010000661

51103100 - 110010246	51100080 - 010000660	51103180 - 110017106
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51103120 - 110017106	51101050 - 110010263	51103200 - 010000668
51103120 - 110017107	51101060 - 010000661	51103200 - 110010247
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51103140 - 110010243	51101060 - 110010246	51104110 - 110017106
51103160 - 010000662	51101070 - 010000661	51104120 - 110010242
51103170 - 010000664	51101070 - 110010246	51104120 - 110010265
51103170 - 010000666	51101080 - 110010263	51104130 - 010000669
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51104090 - 010000666	51103090 - 010000661	51104150 - 110010267
51104110 - 010000668	51103090 - 010000666	51104160 - 010000669
51104110 - 110017101	51103090 - 110017106	51104160 - 110010244
51104120 - 110017108	51103100 - 110010264	51104160 - 110010267
51104130 - 010000668	51103100 - 110017100	51104170 - 010000663
51104140 - 110010250	51103110 - 010000661	51104170 - 010000668
51104140 - 110017102	51103110 - 010000668	51104170 - 110017106
51104150 - 010000669	51103110 - 110010264	51104170 - 110017108
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51104150 - 110017107	51103120 - 010000667	51104180 - 110010244
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51104200 - 110010246	51103150 - 110010249	51100040 - 110010266
51104200 - 110010249	51103150 - 110017107	51100050 - 110010242
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51100040 - 010000661	51103160 - 010000668	51100050 - 110017104
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51100070 - 010000666	51103180 - 110010245	51100070 - 110010246
51100070 - 110010245	51103180 - 110010246	51100070 - 110010247

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51100110 - 010000661	51101150 - 110010247	51103160 - 110010249
51100110 - 110017103	51101150 - 110010248	51103160 - 110010267
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51100130 - 010000663	51101160 - 010000665	51103160 - 110017104
51100140 - 110017104	51101160 - 010000667	51103160 - 110017105
51100140 - 110017105	51101160 - 110010245	51103160 - 110017108
51100160 - 010000664	51103090 - 110010241	51103160 - 110017109
51101050 - 010000665	51103090 - 110010247	51103170 - 010000663
51101050 - 110010245	51103090 - 110010248	51103170 - 010000668
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51101050 - 110010268	51103090 - 110010263	51103170 - 110010246
51101050 - 110017100	51103090 - 110010264	51103170 - 110010249
51101050 - 110017103	51103090 - 110010267	51103170 - 110017105
51101050 - 110017104	51103100 - 010000660	51103170 - 110017107
51101070 - 010000666	51103100 - 110010241	51103170 - 110017108
51101070 - 110010247	51103110 - 010000667	51103180 - 010000663
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51101070 - 110010267	51103110 - 110010250	51103180 - 110010248
51101070 - 110017100	51103110 - 110010263	51103180 - 110010249
51101080 - 010000660	51103110 - 110010265	51103180 - 110010270
51101080 - 010000667	51103110 - 110017106	51103180 - 110017104
51101080 - 110010241	51103110 - 110017107	51103180 - 110017105
51101080 - 110010262	51103120 - 010000661	51103200 - 010000664
51101080 - 110010264	51103120 - 010000669	51103200 - 010000665
51101080 - 110010266	51103120 - 110010250	51103200 - 010000669
51101090 - 010000663	51103120 - 110010263	51103200 - 110010245
51101090 - 010000665	51103120 - 110017101	51103200 - 110010267
51101090 - 110017102	51103130 - 010000669	51103200 - 110017104
51101100 - 010000663	51103130 - 110010248	51103200 - 110017108
51101100 - 110010244	51103130 - 110010262	51103220 - 010000666
51101110 - 010000663	51103130 - 110017100	51104090 - 010000661
51101120 - 010000666	51103130 - 110017101	51104090 - 110010248
51101120 - 110010244	51103130 - 110017102	51104090 - 110010263
51101120 - 110010245	51103130 - 110017107	51104090 - 110010264
51101130 - 010000662	51103140 - 010000669	51104090 - 110010265
51101130 - 010000664	51103140 - 110010242	51104090 - 110010268

51104090 - 110017106	51104120 - 110010250	51104150 - 110010265
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51104100 - 010000660	51104120 - 110010263	51104150 - 110010269
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51104100 - 010000666	51104120 - 110017101	51104150 - 110017109
51104100 - 010000669	51104120 - 110017107	51104160 - 010000670
51104100 - 110010241	51104130 - 010000661	51104160 - 010000671
51104100 - 110010249	51104130 - 010000670	51104160 - 110010243
51104100 - 110010262	51104130 - 110010264	51104160 - 110010250
51104100 - 110010267	51104130 - 110010265	51104160 - 110010271
51104100 - 110017100	51104130 - 110010269	51104160 - 110017108
51104100 - 110017106	51104130 - 110017101	51104170 - 010000662
51104100 - 110017108	51104130 - 110017108	51104170 - 110010267
51104110 - 010000660	51104140 - 110010243	51104170 - 110010269
51104110 - 010000661	51104140 - 110010263	51104170 - 110017109
51104110 - 110010241	51104140 - 110010264	51104180 - 110010270
51104110 - 110010249	51104140 - 110010265	51104180 - 110017108
51104110 - 110010265	51104140 - 110010266	51104200 - 110010244
51104110 - 110010266	51104140 - 110010267	51104200 - 110010250
51104110 - 110010267	51104140 - 110010269	51104200 - 110017102
51104110 - 110017107	51104140 - 110010271	51104200 - 110017107
51104120 - 010000661	51104150 - 010000670	51104220 - 010000666
51104120 - 010000669	51104150 - 110010243	51104240 - 110010247
51104120 - 110010249	51104150 - 110010250	

Catalog numbers used in the analysis of the Taperloc 133/Regenerex RingLoc+ combination.

51103110 - PT116052	51104110 - PT116056	51103130 - PT116060
51103090 - PT116052	51104120 - PT116056	51103140 - PT116052
51103110 - PT116054	51104170 - PT116058	51103140 - PT116056
51103130 - PT116054	51100080 - PT116052	51103140 - PT116058
51103150 - PT116054	51103120 - PT116060	51103150 - PT116052
51103120 - PT116056	51103130 - PT116052	51103150 - PT116058
51103130 - PT116056	51103160 - PT116056	51103160 - PT116058
51103100 - PT116052	51104100 - PT116052	51103170 - PT116060
51103100 - PT116054	51104100 - PT116054	51104130 - PT106056
51103120 - PT116054	51104110 - PT116054	51104140 - PT116056
51103140 - PT116054	51104160 - PT116060	51104150 - PT116056
51104130 - PT116056	51104170 - PT116060	51104180 - PT116060
51103120 - PT116052	51100060 - PT116052	51100050 - PT116052
51104130 - PT116054	51100070 - PT116048	51100060 - PT116054
51103150 - PT116056	51103090 - PT116056	51100080 - PT116050
51103110 - PT116056	51103100 - PT116058	51101070 - PT116052
51104120 - PT116052	51103110 - PT116058	51101080 - PT116052

51103090 - PT116048	51100050 - PT116050	51104110 - PT104054
51103090 - PT116050	51100060 - PT106058	51104110 - PT104056
51103100 - PT116050	51100060 - PT116050	51104110 - PT106056
51103100 - PT116056	51100060 - PT116058	51104110 - PT106060
51103110 - PT116050	51100070 - PT106058	51104110 - PT106064
51103120 - PT116058	51100070 - PT116052	51104110 - PT116058
51103130 - PT116058	51100070 - PT116056	51104120 - PT106056
51103140 - PT116060	51100080 - PT116054	51104120 - PT106058
51103160 - PT116054	51100080 - PT116056	51104120 - PT106062
51103160 - PT116060	51101060 - PT116048	51104120 - PT106066
51104110 - PT116052	51101070 - PT116048	51104120 - PT116054
51104120 - PT116050	51101070 - PT116056	51104130 - PT104054
51104130 - PT116062	51101070 - PT116058	51104130 - PT116050
51104140 - PT116054	51101080 - PT106058	51104130 - PT116058
51104150 - PT116058	51101080 - PT116050	51104130 - PT116060
51104160 - PT116056	51103090 - PT106056	51104140 - PT104056
51100060 - PT116048	51103090 - PT116054	51104140 - PT106056
51100070 - PT104050	51103100 - PT116060	51104140 - PT106064
51100070 - PT116054	51103100 - PT116062	51104140 - PT116052
51100070 - PT116058	51103110 - PT104048	51104140 - PT116058
51101080 - PT116054	51103120 - PT116062	51104140 - PT116060
51103090 - PT116058	51103130 - PT106056	51104140 - PT116062
51103100 - PT104050	51103140 - PT106054	51104150 - PT104056
51103100 - PT116048	51103150 - PT116062	51104150 - PT116060
51103120 - PT116050	51103160 - PT106062	51104160 - PT104056
51103140 - PT116050	51103160 - PT116052	51104160 - PT116052
51103170 - PT116054	51103170 - PT104056	51104160 - PT116054
51103170 - PT116056	51103180 - PT116054	51104160 - PT116058
51103170 - PT116058	51103180 - PT116056	51104160 - PT116062
51104090 - PT116048	51103180 - PT116058	51104170 - PT104058
51104090 - PT116052	51103180 - PT116060	51104170 - PT106068
51104100 - PT106054	51103200 - PT116060	51104170 - PT106072
51104120 - PT106054	51103220 - PT116058	51104170 - PT116050
51104120 - PT116058	51104090 - PT104050	51104170 - PT116056
51104130 - PT106054	51104090 - PT106054	51104180 - PT104050
51104150 - PT116054	51104090 - PT116050	51104180 - PT104058
51104150 - PT116062	51104090 - PT116058	51104180 - PT106062
51104160 - PT106054	51104100 - PT116050	51104180 - PT116056
51104170 - PT106056	51104100 - PT116056	51104180 - PT116058
51104170 - PT116054	51104100 - PT116058	51104220 - PT104060
51100050 - PT116048	51104100 - PT116066	

Catalog numbers used in the analysis of the Taperloc 133/RingLoc+ combination.

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51104100 - 16104154	51103120 - 16104156	51103160 - 16104158
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51101080 - 16104150	51104130 - 16104150	51104130 - 14103656
51104120 - 16104154	51100080 - 16104152	51104140 - 14103656
51104120 - 16104152	51103100 - 16104156	51104160 - 14103656
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51104140 - 16104154	51103170 - 16104158	51104180 - 16104154
51103120 - 16104154	51104090 - 14103652	51104180 - 16104158
51104100 - 16104150	51104090 - 16104156	51104200 - 16104160
51101070 - 16104150	51104120 - 16104160	51100040 - 16104150
51103130 - 16104154	51100080 - 16104150	51100060 - 16104154
51104100 - 16104152	51101080 - 16104154	51101050 - 16104148
51101060 - 16104150	51103090 - 16116050	51101080 - 14103654
51103090 - 16104154	51103100 - 16104152	51101080 - 16104156
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51104150 - 16104154	51103130 - 16104156	51103110 - 16104150
51103100 - 16104150	51103150 - 16104154	51103120 - 16104152
51104090 - 16104152	51104130 - 14103654	51103160 - 16104154
51104100 - 16104156	51104160 - 16104160	51103160 - 16104160
51104110 - 16104150	51100040 - 16104148	51104100 - 14103554
51104150 - 16104156	51100050 - 16104150	51104100 - 16104158
51104140 - 16104156	51100080 - 16116050	51104100 - 16116050
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51101080 - 16104152	51101070 - 16104152	51104110 - 16116052
51103090 - 16104150	51103090 - 16104152	51104120 - 14103656
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51103130 - 16104158	51103150 - 16104160	51104130 - 16104160
51104090 - 16104150	51103160 - 16116054	51104130 - 16116050
51104120 - 16104150	51104090 - 14103654	51104140 - 14103558
51104130 - 16104158	51104110 - 14103656	51104140 - 14103562
51100080 - 16104154	51104120 - 14103652	51104140 - 14103658
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51101080 - 14103656	51100080 - 16104158	51104120 - 16104162
51103100 - 16116052	51101050 - 14103652	51104120 - 16116050
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51103120 - 14103652	51101050 - 16104152	51104130 - 16104162
51103130 - 16116052	51101060 - 14103654	51104130 - 16116058
51103140 - 16116052	51101060 - 16104156	51104140 - 14103564
51103150 - 16104152	51101060 - 16104158	51104140 - 14103652
51103150 - 16104156	51101070 - 14103552	51104140 - 16116054
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51104130 - 14103658	51103120 - 16116050	51104180 - 16116064
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51101080 - 16104146	51103200 - 16104156	51104150 - 16104162
51101080 - 16104160	51103200 - 16104160	51104150 - 16104164
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51101080 - 16116048	51104090 - 14103560	51104150 - 16116052
51101080 - 16116050	51104090 - 14103658	51104160 - 14103658
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51103110 - 16116048	51104120 - 14103554	51104170 - 14103668
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51103120 - 16104166	51104120 - 14103560	51104180 - 14103562
51103120 - 16116054	51104120 - 14103562	51104180 - 14103564
51103120 - 16116056	51104120 - 14103566	51104180 - 16104164
51103120 - 16116060	51104120 - 16116048	51104180 - 16116054
51103130 - 14103652	51104120 - 16116056	51104180 - 16116056
51103130 - 14103654	51104130 - 14103556	51104200 - 14103564
51103130 - 16104150	51104130 - 14103564	51104200 - 14103566
51103130 - 16104152	51104130 - 14103650	51104200 - 14103658
51103130 - 16104162	51104130 - 14103662	51104200 - 16104152
51103130 - 16116054	51104130 - 16116048	51104200 - 16104154
51103140 - 11165230	51104130 - 16116056	51104200 - 16104162
51103140 - 14103656	51104130 - 16116060	51104200 - 16116054
51103140 - 16104152	51104130 - 16116062	51104220 - 16104160
51103140 - 16104164	51104140 - 14103554	51104220 - 16104164
51103140 - 16116054	51104140 - 14103556	51104240 - 16104158
51103150 - 16104168	51104140 - 16104162	
51103150 - 16116050	51104140 - 16104164	

Catalog numbers used in the analysis of the Taperloc 133 Microplasty/G7 combination.

51106110 - 010000664	51108080 - 010000662	51106090 - 110010244
51106100 - 010000663	51109070 - 110010243	51106100 - 010000665
51107150 - 010000666	51106110 - 110010243	51106100 - 110010244
51108080 - 010000663	51106150 - 010000666	51106110 - 110010245
51106130 - 010000665	51107090 - 010000663	51106120 - 110010244
51107130 - 010000665	51107120 - 010000663	51106120 - 110010245
51107140 - 010000665	51107130 - 010000666	51106130 - 010000663
51107110 - 010000664	51106090 - 110010243	51107090 - 110017102
51107110 - 110010244	51106150 - 010000665	51107110 - 010000662
51107120 - 110010246	51107110 - 110017103	51107110 - 110017102
51106090 - 010000662	51107120 - 110017105	51107120 - 010000666
51106110 - 010000665	51107130 - 010000664	51107140 - 010000663
51107120 - 010000665	51107130 - 110017106	51107140 - 110010245
51107150 - 110017105	51107140 - 110010244	51107140 - 110017106
51106100 - 010000662	51107160 - 010000665	51107150 - 110010246
51106100 - 010000664	51107160 - 010000666	51107160 - 010000667
51107090 - 110010243	51107160 - 110017106	51107160 - 110010245
51107100 - 110010243	51107180 - 010000667	51107170 - 110017106
51107110 - 110010245	51109070 - 010000663	51108060 - 010000662
51107120 - 010000664	51109080 - 110010242	51108080 - 110010243
51107130 - 110017105	51106110 - 010000662	51109080 - 010000662
51106110 - 010000663	51106120 - 010000662	51109080 - 010000663
51106130 - 010000664	51106140 - 010000665	51109080 - 010000664
51107100 - 010000663	51107120 - 110017103	51106120 - 110010246
51107120 - 110010245	51107120 - 110017104	51106130 - 110017105
51107130 - 110010245	51107130 - 110010246	51106140 - 010000667
51106090 - 010000663	51107160 - 110017107	51106160 - 010000665
51106120 - 010000663	51108070 - 010000662	51106160 - 010000666
51107110 - 010000663	51109080 - 110010243	51106200 - 010000666
51107110 - 110017104	51106100 - 110010245	51107090 - 010000665
51107110 - 110017105	51106110 - 010000666	51107100 - 110017102
51107140 - 010000666	51106120 - 010000666	51107100 - 110017103
51107140 - 110010246	51106120 - 110010243	51107110 - 010000666
51107150 - 010000665	51106130 - 010000666	51107110 - 110017106
51107150 - 110017106	51107090 - 010000662	51107120 - 110010244
51106090 - 010000664	51107090 - 110010244	51107120 - 110017102
51106120 - 010000664	51107100 - 110010245	51107130 - 010000663
51106120 - 010000665	51107110 - 110010243	51107130 - 110017103
51106140 - 010000666	51107110 - 110010246	51107130 - 110017104
51107090 - 010000664	51107130 - 110010244	51107140 - 110010247
51107100 - 110010244	51107150 - 110010245	51107140 - 110017104
51107110 - 010000665	51107170 - 010000665	51107140 - 110017105
51107150 - 110010247	51107180 - 110010247	51107170 - 110010247
51107160 - 110017105	51108070 - 010000663	51107170 - 110017105

51108060 - 010000663
51108060 - 110010243
51108070 - 110010243
51109050 - 110017102
51109080 - 110017103
51106100 - 010000666
51106100 - 110010243
51106110 - 110010244
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51106130 - 010000667
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51106150 - 010000664
51106160 - 010000667
51106170 - 010000666
51107090 - 110017104
51107100 - 010000664
51107100 - 010000665
51107110 - 110010242
51107120 - 110017106
51107130 - 010000667
51107130 - 110010243
51107130 - 110017102
51107140 - 110017103
51107150 - 010000667
51107160 - 110010247
51107170 - 110017107
51107180 - 110017106
51108050 - 110010243
51108070 - 110010242
51109060 - 110010242
51109080 - 110010244
51106090 - 010000666
51106090 - 110017105
51106100 - 110010242
51106100 - 110017103
51106110 - 110017104
51106140 - 010000663
51106140 - 110010244
51106140 - 110010245
51106150 - 110010245
51106170 - 010000668
51106180 - 010000666
51106180 - 110010247
51107090 - 110010242
51107100 - 010000662
51107110 - 110010241
51107120 - 110010243
51107130 - 110010247
51107150 - 010000664
51107150 - 110017104
51107160 - 110010248
51107160 - 110017108
51107170 - 110010246
51107180 - 010000666
51107180 - 110010248
51107180 - 110017107
51107220 - 010000668
51108070 - 010000664
51108080 - 010000664
51108080 - 110010242
51109060 - 110010243
51109060 - 110017102
51109070 - 010000662
51109070 - 110010241
51109080 - 010000665
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51106090 - 010000661
51106090 - 110010242
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51106100 - 110017104
51106110 - 010000667
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51106120 - 110017105
51106130 - 110010243
51106130 - 110017104
51106140 - 010000664
51106140 - 110010246
51106150 - 110010244
51106150 - 110017106
51106160 - 010000664
51106160 - 010000668
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51106200 - 010000668
51107090 - 110010245
51107090 - 110017103
51107090 - 110017105
51107100 - 010000666
51107100 - 110010246
51107100 - 110017101
51107100 - 110017104
51107120 - 010000667
51107120 - 110010242
51107120 - 110010247
51107120 - 110017107
51107140 - 010000664
51107140 - 110017102
51107140 - 110017107
51107150 - 010000663
51107150 - 010000668
51107150 - 110010248
51107150 - 110017107
51107160 - 010000664
51107170 - 010000664
51107170 - 010000666
51107170 - 010000667
51107170 - 010000668
51107170 - 110010248
51107170 - 110017104
51107200 - 110010248
51108050 - 110010242
51108060 - 110010242
51108060 - 110010244
51108080 - 110010244
51108080 - 110017102
51109050 - 110010241
51109050 - 110010242
51109050 - 110010243
51109060 - 010000663
51109060 - 110010241
51109070 - 010000661
51109070 - 010000665
51109070 - 110010242
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51109070 - 110010245
51109070 - 110017102
51109080 - 110017104
51106090 - 010000665
51106100 - 110017105
51106110 - 110017106
51106110 - 110017107
51106120 - 010000667
51106120 - 110010247

51106120 - 110017104	51107180 - 110010249	51106130 - 110010248
51106130 - 110010249	51107180 - 110017104	51106130 - 110010265
51106140 - 110017105	51107200 - 010000666	51106130 - 110010266
51106140 - 110017106	51108040 - 110010243	51106130 - 110017101
51106150 - 010000667	51108050 - 010000662	51106130 - 110017103
51106150 - 010000668	51108070 - 110010244	51106130 - 110017106
51106150 - 010000669	51108070 - 110010245	51106140 - 010000668
51106150 - 110010246	51108070 - 110017102	51106140 - 110010242
51106150 - 110017108	51108080 - 010000661	51106140 - 110010248
51106160 - 010000663	51108080 - 010000665	51106140 - 110010265
51106160 - 110010246	51108080 - 110010241	51106140 - 110017103
51106160 - 110010247	51108080 - 110010246	51106140 - 110017104
51106160 - 110017107	51109050 - 010000662	51106150 - 110010243
51106170 - 010000665	51109050 - 010000663	51106150 - 110010249
51106170 - 110010247	51109050 - 110010244	51106150 - 110010264
51106180 - 010000665	51109050 - 110017101	51106150 - 110010265
51106180 - 110017108	51109050 - 110017103	51106150 - 110017104
51106200 - 110010247	51109060 - 010000662	51106150 - 110017105
51106200 - 110017109	51109060 - 010000664	51106160 - 010000669
51106220 - 110017108	51109060 - 110010244	51106160 - 110010244
51107090 - 110010241	51109070 - 010000664	51106160 - 110010245
51107090 - 110010246	51109070 - 110017103	51106160 - 110017104
51107090 - 110017101	51109080 - 110010245	51106160 - 110017105
51107100 - 110010247	51109080 - 110010246	51106160 - 110017106
51107100 - 110017105	51109080 - 110017101	51106160 - 110017108
51107100 - 110017106	51106090 - 110010241	51106170 - 010000667
51107110 - 010000661	51106090 - 110010246	51106170 - 010000669
51107110 - 010000667	51106090 - 110010248	51106170 - 110010265
51107110 - 010000668	51106090 - 110017102	51106180 - 010000664
51107110 - 110010247	51106090 - 110017106	51106180 - 010000669
51107130 - 010000662	51106090 - 110017107	51106180 - 110010244
51107130 - 110017107	51106100 - 010000661	51106180 - 110010245
51107140 - 110010249	51106100 - 010000667	51106180 - 110010248
51107150 - 110010243	51106100 - 110010246	51106180 - 110010249
51107150 - 110017103	51106110 - 110010246	51106180 - 110017106
51107150 - 110017108	51106110 - 110010263	51106180 - 110017109
51107160 - 010000669	51106110 - 110017102	51106200 - 010000664
51107160 - 110010243	51106120 - 010000668	51106200 - 010000667
51107160 - 110010244	51106120 - 110010241	51106200 - 110010246
51107160 - 110010246	51106120 - 110010250	51106200 - 110017108
51107160 - 110017102	51106120 - 110010263	51106200 - 110017110
51107160 - 110017103	51106120 - 110010268	51106220 - 010000667
51107170 - 110010245	51106120 - 110017102	51106220 - 010000668
51107170 - 110017103	51106120 - 110017106	51106220 - 110010248
51107180 - 010000668	51106130 - 010000662	51107100 - 010000667
51107180 - 110010246	51106130 - 110010247	51107100 - 110010241

51107100 - 110010242	51107180 - 110010265	51108070 - 010000665
51107100 - 110010267	51107180 - 110017105	51108070 - 110010241
51107110 - 110010248	51107180 - 110017109	51108070 - 110017101
51107110 - 110010262	51107200 - 010000662	51108070 - 110017104
51107110 - 110010264	51107200 - 010000663	51108080 - 110010245
51107110 - 110017107	51107200 - 010000665	51108080 - 110010247
51107120 - 010000661	51107200 - 010000667	51108080 - 110010264
51107120 - 010000662	51107200 - 010000668	51108080 - 110010265
51107120 - 010000668	51107200 - 010000670	51108080 - 110017103
51107120 - 110010241	51107200 - 110010246	51108080 - 110017106
51107120 - 110010248	51107200 - 110010247	51109050 - 010000660
51107130 - 110010241	51107200 - 110010249	51109050 - 110010240
51107130 - 110010242	51107200 - 110017106	51109060 - 010000661
51107130 - 110010270	51107240 - 010000669	51109060 - 010000665
51107130 - 110017101	51108040 - 010000661	51109060 - 110010240
51107140 - 010000667	51108040 - 010000663	51109060 - 110010245
51107140 - 010000668	51108040 - 110010241	51109060 - 110010245
51107140 - 010000670	51108040 - 110010242	51109060 - 110017103
51107140 - 110017108	51108040 - 110010244	51109070 - 110010246
51107150 - 110010266	51108050 - 010000661	51109070 - 110010263
51107150 - 110017102	51108050 - 010000665	51109070 - 110017100
51107160 - 010000662	51108050 - 110010241	51109070 - 110017101
51107160 - 010000663	51108050 - 110017102	51109070 - 110017104
51107160 - 110017104	51108060 - 010000660	51109080 - 010000661
51107160 - 110017109	51108060 - 010000661	51109080 - 010000666
51107170 - 010000669	51108060 - 110010241	51109080 - 010000667
51107170 - 110010268	51108060 - 110010246	51109080 - 110017102
51107170 - 110017109	51108060 - 110017102	
51107180 - 010000665	51108060 - 110017103	

Catalog numbers used in the analysis of the Trabecular Metal/Continuum combination.

00786401320 - 00875705200	00786401400 - 00875705601	00786401500 - 00875705801
00786401420 - 00875705801	00786401420 - 00875705600	00786401200 - 00875705001
00786401420 - 00875705200	00786401200 - 00875705201	00786401320 - 00875705000
00786401320 - 00875705400	00786401300 - 00875705601	00786401320 - 00875706001
00786401420 - 00875705400	00786401400 - 00875705801	00786401400 - 00875705401
00786401220 - 00875705401	00786401200 - 00875705401	00786401520 - 00875705800
00786401300 - 00875705201	00786401220 - 00875705201	00786401520 - 00875705801
00786401300 - 00875705401	00786401220 - 00875705001	00786401300 - 00875705801
00786401320 - 00875705600	00786401220 - 00875705200	00786401220 - 00875704800
00786401320 - 00875705601	00786401320 - 00875705401	00786401300 - 00875705001
00786401420 - 00875705601	00786401420 - 00875705401	00786401420 - 00875705800
00786401220 - 00875705000	00786401420 - 00875706001	00786401520 - 00875706001

00786401520 - 00875706201	00786401220 - 00875704801	00786401220 - 00875704601
00786401200 - 00875705000	00786401300 - 00875704801	00786401220 - 00875705400
00786401220 - 00875705601	00786401300 - 00875705000	00786401300 - 00875704800
00786401320 - 00875705201	00786401300 - 00875705202	00786401300 - 00875704802
00786401320 - 00875705402	00786401300 - 00875705402	00786401300 - 00875705200
00786401320 - 00875705801	00786401320 - 00875705802	00786401300 - 00875705400
00786401400 - 00875705201	00786401400 - 00875705001	00786401300 - 00875705600
00786401400 - 00875706001	00786401400 - 00875705200	00786401300 - 00875705602
00786401500 - 00875705601	00786401400 - 00875705602	00786401300 - 00875705802
00786401500 - 00875706201	00786401400 - 00875706401	00786401300 - 00875706000
00786401520 - 00875705401	00786401420 - 00875704800	00786401300 - 00875706002
00786401520 - 00875705600	00786401420 - 00875705201	00786401300 - 00875706401
00786401620 - 00875706001	00786401420 - 00875706000	00786401320 - 00875706401
00786401200 - 00875704801	00786401420 - 00875706201	00786401400 - 00875705400
00786401200 - 00875705801	00786401420 - 00875706401	00786401400 - 00875705402
00786401220 - 00875705600	00786401420 - 00875706402	00786401400 - 00875705800
00786401320 - 00875705800	00786401500 - 00875706001	00786401400 - 00875705802
00786401400 - 00875706201	00786401500 - 00875706401	00786401400 - 00875706602
00786401420 - 00875705000	00786401520 - 00875706401	00786401420 - 00875705001
00786401500 - 00875705401	00786401600 - 00875706201	00786401420 - 00875705402
00786401100 - 00875704801	00786401620 - 00875705800	00786401420 - 00875705802
00786401100 - 00875705201	00786401620 - 00875706201	00786401420 - 00875706002
00786401120 - 00875704800	00786401000 - 00875704601	00786401420 - 00875706200
00786401200 - 00875705601	00786401100 - 00875704800	00786401500 - 00875705000
00786401200 - 00875706001	00786401100 - 00875705002	00786401500 - 00875705602
00786401220 - 00875705801	00786401100 - 00875705202	00786401520 - 00875705601
00786401220 - 00875706001	00786401100 - 00875705601	00786401520 - 00875706000
00786401300 - 00875706001	00786401100 - 00875705801	00786401520 - 00875706002
00786401300 - 00875706201	00786401100 - 00875705802	00786401520 - 00875706602
00786401320 - 00875704800	00786401120 - 00875704601	00786401600 - 00875705401
00786401520 - 00875705200	00786401120 - 00875704801	00786401600 - 00875706401
00786401520 - 00875705400	00786401120 - 00875705000	00786401620 - 00875706402
00786401600 - 00875705801	00786401120 - 00875705202	00786401700 - 00875705400
00786401000 - 00875704801	00786401120 - 00875705601	00786401700 - 00875706601
00786401100 - 00875705001	00786401200 - 00875704601	00786401720 - 00875705800
00786401100 - 00875705401	00786401200 - 00875705002	00786401720 - 00875706001
00786401120 - 00875705201	00786401200 - 00875705602	00786401820 - 00875706000
00786401200 - 00875705402	00786401200 - 00875705802	7864015 - 00875706201
00786401200 - 00875706201	00786401200 - 00875706002	

Catalog numbers used in the analysis of the Tri-Lock BPS/Pinnacle combination.

101204020 - 121732050	101214020 - 121732052	101204060 - 121722056
101204030 - 121732050	101214030 - 121722052	101204070 - 121722052
101204040 - 121732052	101214040 - 121732058	101204090 - 121722054
101204030 - 121732052	101214060 - 121722052	101204090 - 121732058
101204050 - 121732056	101204020 - 121732054	101214020 - 121732048
101204020 - 121732052	101204040 - 121722052	101204020 - 121722050
101204040 - 121732054	101214040 - 121701052	101204040 - 121722056
101204060 - 121732054	101214040 - 121732056	101204060 - 121703052
101204050 - 121732054	101214080 - 121732058	101204080 - 121722052
101214050 - 121732056	101204040 - 121722050	101204080 - 121732054
101204050 - 121732052	101204070 - 121722056	101204080 - 121732060
101204060 - 121732056	101214010 - 121732050	101214020 - 121722048
101204040 - 121732050	101214070 - 121722056	101214030 - 121732056
101204060 - 121732058	101204030 - 121722050	101214040 - 121722058
101204040 - 121732056	101204050 - 121722050	101214050 - 121701052
101204030 - 121732054	101204050 - 121722054	101214050 - 121722054
101204070 - 121732056	101204050 - 121722056	101214060 - 121722058
101214030 - 121732052	101204070 - 121722058	101204005 - 121732050
101214050 - 121732054	101214020 - 121732050	101204030 - 121701052
101214040 - 121732054	101214040 - 121722050	101204040 - 121703052
101214040 - 121732052	101214040 - 121722052	101204040 - 121732048
101204020 - 121732048	101214040 - 121732050	101204050 - 121703052
101214030 - 121732054	101214060 - 121722054	101204060 - 121732060
101204080 - 121732056	101214070 - 121732054	101204070 - 121703054
101204010 - 121732050	101204070 - 121732060	101214030 - 121701050
101204030 - 121732048	101214050 - 121722050	101214050 - 121722056
101214060 - 121732056	101214050 - 121722052	101214070 - 121732060
101214060 - 121732058	101214060 - 121722056	101204020 - 121722048
101204050 - 121722052	101204040 - 121722054	101204030 - 121722054
101214050 - 121732052	101204040 - 121732058	101204080 - 121722054
101204050 - 121732058	101204070 - 121722054	101204080 - 121722056
101204060 - 121732052	101204070 - 121732052	101214005 - 121732050
101214030 - 121732050	101214010 - 121732048	101214020 - 121722052
101204010 - 121732048	101214030 - 121722050	101214020 - 121732054
101204060 - 121722054	101214030 - 121722054	101214050 - 121732050
101204070 - 121732054	101214040 - 121722054	101214070 - 121722054
101204030 - 121722052	101214040 - 121722056	101214070 - 121732052
101214070 - 121732056	101214080 - 121732060	101214080 - 121722056
101204005 - 121732048	101214090 - 121732058	101214080 - 121732054
101204050 - 121732050	101204010 - 121732052	101204010 - 121722048
101214050 - 121732058	101204020 - 121722052	101204020 - 121722054
101214060 - 121732054	101204030 - 121703052	101204030 - 121722048
101214070 - 121732058	101204030 - 121732056	101204050 - 121701052
101204060 - 121722052	101214010 - 121732052	101204050 - 121703056
101204070 - 121732058	101214030 - 121732048	101204060 - 121703054
101204080 - 121732058	101214060 - 121732060	101204060 - 121722058

101204060 - 121732050	101204020 - 121703048	101214060 - 121701056
101204100 - 121732056	101204020 - 121732056	101214060 - 121703054
101214005 - 121732048	101204030 - 121703050	101214060 - 121732050
101214010 - 121701048	101204030 - 121722056	101214070 - 121701052
101214030 - 121722048	101204040 - 121701052	101214070 - 121701054
101214040 - 121701050	101204040 - 121703048	101214070 - 121703056
101214040 - 121701056	101204040 - 121703056	101214070 - 121703058
101214040 - 121703052	101204050 - 121701054	101214070 - 121722058
101214060 - 121701052	101204050 - 121703050	101214070 - 121730056
101214060 - 121732052	101204050 - 121703058	101214080 - 121701054
101214070 - 121722052	101204050 - 121732048	101214080 - 121701056
101214080 - 121722054	101204050 - 121732060	101214080 - 121703052
101214080 - 121722058	101204060 - 121701056	101214090 - 121722056
101214080 - 121732056	101204060 - 121703048	101214090 - 121722060
101214090 - 121732060	101204060 - 121703050	101214100 - 121722056
101214090 - 121732062	101204060 - 121703056	101214100 - 121732054
101214100 - 121732058	101204070 - 121701054	101214110 - 121732058
101214100 - 121732060	101204070 - 121703060	101204005 - 121730046
101204010 - 121722052	101204070 - 121722060	101204005 - 121730048
101204040 - 121722058	101204090 - 121722056	101204005 - 121732054
101204040 - 121732060	101204090 - 121722062	101204010 - 121703048
101204060 - 121722050	101204090 - 121732052	101204010 - 121720044
101204070 - 121703052	101204090 - 121732062	101204010 - 121722050
101204070 - 121732050	101204110 - 121722058	101204010 - 121730056
101204080 - 121722058	101204110 - 121732058	101204010 - 121731050
101204080 - 121722060	101214005 - 121720046	101204020 - 121701048
101204080 - 121732052	101214005 - 121732052	101204020 - 121701050
101204080 - 121732062	101214005 - 121732056	101204020 - 121722056
101204090 - 121722058	101214020 - 121701048	101204020 - 121722058
101204090 - 121732056	101214020 - 121701050	101204030 - 121703048
101204100 - 121722056	101214020 - 121731052	101204030 - 121703054
101214010 - 121722050	101214020 - 121732056	101204030 - 121722062
101214010 - 121722052	101214030 - 121703054	101204030 - 121732058
101214030 - 121701048	101214030 - 121731056	101204030 - 121732060
101214030 - 121701052	101214040 - 121701048	101204040 - 121701048
101214040 - 121732048	101214040 - 121701054	101204040 - 121703050
101214050 - 121732060	101214040 - 121703054	101204040 - 121703054
101214060 - 121703050	101214040 - 121703056	101204040 - 121722062
101214060 - 121722050	101214050 - 121701054	101204040 - 121730052
101214080 - 121701058	101214050 - 121701056	101204040 - 121730056
101214100 - 121732056	101214050 - 121703052	101204040 - 121730058
101204005 - 121703048	101214050 - 121703054	101204040 - 121731058
101204005 - 121720046	101214050 - 121703056	101204040 - 121732062
101204005 - 121722048	101214050 - 121722058	101204050 - 121701058
101204005 - 121732052	101214050 - 121732048	101204050 - 121703048
101204010 - 121732054	101214050 - 121732062	101204050 - 121722048

101204050 - 121722058	101214010 - 121703052	101214070 - 121701064
101204050 - 121730056	101214010 - 121720046	101214070 - 121703062
101204060 - 121701052	101214010 - 121722048	101214070 - 121722050
101204060 - 121701054	101214010 - 121722054	101214070 - 121722060
101204060 - 121722060	101214010 - 121731046	101214070 - 121722062
101204060 - 121722062	101214010 - 121731048	101214070 - 121722064
101204060 - 121730056	101214020 - 121703048	101214080 - 121701052
101204060 - 121731060	101214020 - 121703052	101214080 - 121703048
101204060 - 121732062	101214020 - 121720046	101214080 - 121722048
101204070 - 121722050	101214020 - 121722050	101214080 - 121722050
101204070 - 121732062	101214020 - 121722054	101214080 - 121722052
101204080 - 121701056	101214020 - 121731054	101214080 - 121722060
101204080 - 121703056	101214020 - 121732058	101214080 - 121722062
101204080 - 121722062	101214030 - 121701054	101214080 - 121730056
101204080 - 121732048	101214030 - 121703048	101214080 - 121732062
101204090 - 121703058	101214030 - 121703052	101214080 - 121732064
101204090 - 121722052	101214030 - 121730046	101214090 - 121701056
101204090 - 121730062	101214030 - 121732058	101214090 - 121703054
101204090 - 121732054	101214040 - 121703058	101214090 - 121703056
101204090 - 121732060	101214040 - 121722048	101214090 - 121722054
101204100 - 121722054	101214040 - 121730052	101214090 - 121722058
101204100 - 121722058	101214040 - 121731056	101214090 - 121732052
101204100 - 121732054	101214040 - 121732060	101214090 - 121732066
101204100 - 121732058	101214040 - 121732062	101214100 - 121722054
101204100 - 121732060	101214050 - 121701048	101214100 - 121732064
101204100 - 121732062	101214050 - 121701050	101214110 - 121722060
101204110 - 121722062	101214050 - 121730058	101214110 - 121722062
101204110 - 121732056	101214060 - 121703052	101214110 - 121732060
101204120 - 121722056	101214060 - 121730054	101214110 - 121732060
101204120 - 121722058	101214060 - 121731058	101214110 - 121732064
101204120 - 121722060	101214060 - 121732062	101214120 - 121732062
101214005 - 121732054	101214070 - 121701056	
101214010 - 121701050	101214070 - 121701058	

CATALOG NUMBERS OF STEMS IN MARCQI DATABASE FOR THA CASES

Catalog numbers used in the analysis of the Accolade II stem.

67210535	67200435	67210837
67210435	67210330	67200837
67210635	67200635	67210937
67210737	67200330	67210230
67200535	67200737	67200230

67200937	67201040	67200027
67211040	67211140	
67210127	67201140	
67200127	67210027	

Catalog numbers used in the analysis of the Accolade TMZF stem.

60200335	60212530	60215537
60202530	60214535	60210130
60203535	60210435	60200637
60210335	60200537	60210637
60200435	60210537	60210740
60200230	60210230	60200030
60204535	60205537	60210030
60213535	60200130	

Catalog numbers used in the analysis of the Actis DuoFix stem.

101011060	101012050	101012090
101011050	101012070	101011100
101011040	101012020	101011010
101012040	101011080	101012100
101011070	101011020	101012110
101011030	101012080	101011110
101012030	101011090	101012005
101012060	101012010	

Catalog numbers used in the analysis of the AML stem.

155402135	155401106	155401180
155402121	155401150	155401195
155401121	155401165	155402195
155402150	155402106	155403150
155401135	155402180	155403180
155402165	155403135	

Catalog numbers used in the analysis of the Anthology stem.

71356006	71356109	71357103
71356005	71357107	71356012
71356007	71356002	71357112
71356004	71357109	71356102
71356008	71357005	71357011
71356003	71357009	71356112
71356107	71356110	71357012
71356106	71357110	71357002
71356105	71357004	71356101
71356108	71356103	71356013
71357007	71356011	71356113
71357006	71357105	71356114
71356009	71357111	71357001
71357008	71357003	71357101
71356010	71357010	71356014
71357108	71356001	71357102
71356104	71357104	
71357106	71356111	

Catalog numbers used in the analysis of the Avenir Muller stem.

0106010004	0106010106	0106010101
0106010002	0106010103	0106010108
0106010005	0106010001	
0106010003	0106010007	0106010009
0106010006	0106010107	106010109
0106010105	0106010102	
0106010104	0106010008	

Catalog numbers used in the analysis of the Corail stem.

3L92502	L20313	3L92508
3L92501	3L92506	L20310
3L92503	L20314	3L92507
3L92500	L20311	3L92516
3L92504	3L92510	L20318
3L92505	L20315	L98013
3L92512	3L92514	L98014
3L92499	3L92498	L20309
3L92511	3L92515	L98011
3L92513	L20316	L98115
L20312	3L92509	L98012

L98120	L971118	L98112
3L92518	L98010	L98113
L20320	L98015	L98114
L971111	L98016	L98116
L971114	L98018	

Catalog numbers used in the analysis of the Corail Coxa Vara stem.

3L93712	3L93714	3L93718
3L93711	3L93715	
3L93713	3L93709	
3L93710	3L93716	

Catalog numbers used in the analysis of the Echo Bi-Metric stem.

192010	192412	192117
192012	192409	192007
192011	192116	192107
192113	192413	192118
192112	192016	192018
192111	192414	192416
192013	192108	192514
192110	192509	192515
192114	192407	192019
192009	192408	192119
192014	192508	192417
192015	192415	192516
192411	192510	192517
192109	192511	192518
192410	192512	
192115	192513	
192008	192017	

Catalog numbers used in the analysis of the Echo Bi-Metric Microplasty stem.

193112	193114	193109
193111	193013	193115
193012	193014	193009
193113	193011	193015
193110	193010	193016

193116	193107	192908
193108	192808	193007
193008	193018	193019
193117	192907	193119
193017	193118	

Catalog numbers used in the analysis of the Fitmore stem.

0100551306	0100551301	0100551106
0100551305	0100551404	0100551102
0100551307	0100551203	0100551313
0100551304	0100551409	0100551104
0100551308	0100551208	0100551108
0100551309	0100551201	0100551212
0100551303	0100551403	0100551412
0100551206	0100551311	0100551103
0100551310	0100551402	0100551314
0100551302	0100551210	0100551105
0100551205	0100551401	0100551107
0100551407	0100551202	0100551109
0100551405	0100551410	0100551110
0100551406	0100551209	0100551213
0100551207	0100551312	
0100551204	0100551211	
0100551408	0100551411	

Catalog numbers used in the analysis of the M/L Taper stem.

00771100900	00771100920	00771101720
00771101220	00771101140	00771100540
00771101320	00771100910	00771100620
00771101200	00771100710	00771101600
00771101000	00771100720	00771100410
00771101100	00771101010	00771100510
00771100940	00771101500	00771101700
00771100700	00771100640	00771100520
00771101120	00771100600	00771102020
00771101520	00771101110	00771102000
00771100740	00771101620	00771102220
00771101040	00771101210	00771102200
00771101240	00771100610	7711012
00771101020	00771100500	
00771101300	00771100440	

Catalog numbers used in the analysis of the M/L Taper Kinectiv stem.

00771301000	00771301600	7713010
00771301100	00771300500	7713006
00771301200	00771301700	
00771300900	7713007	7713013
00771300700	7713009	7713015
00771301300	7713011	
00771301500	7713012	7713016
00771300600	00771302000	

Catalog numbers used in the analysis of the Polarstem stem.

75100466	75018415	75102211
75100465	75018405	75102244
75100467	75018418	75102245
75100468	75100474	75102247
75100469	75102253	75102258
75100464	75102209	75018400
75100463	75102254	75018409
75100477	75102252	75018413
75100478	75018401	75100483
75100470	75018414	75102242
75100479	75018419	75102248
75100480	75100472	75102257
75018416	75100482	75018408
75100476	75102250	75100473
75018402	75102246	75100510
75100481	75102251	75102241
75018417	75018406	75102243
75018403	75018407	75102249
75018404	75102255	75102074
75100475	75102256	75102259
75100471	75102210	

Catalog numbers used in the analysis of the Secur-Fit stem.

160108132	160108127	160110127
160107132	160107127	160110132
160109132	160109127	160106132

160106127	160111127
160111132	160112127
160105132	160112132

Catalog numbers used in the analysis of the Secur-Fit Max stem.

60510935S	60521035S	60510525S
60510830S	60520730S	60521340S
60511035S	60510625S	60511340S
60510730S	60511240S	60511440S
60520830S	60521140S	60510425S
60520935S	60520625S	
60511140S	60521240S	

Catalog numbers used in the analysis of the Secur-Fit Plus Max stem.

60540913S	S2337HF09	60540511S
60540812S	60541016S	S2337HF12
60541014S	S2337HF10	60540509S
60540711S	60541117S	60540812
60541115S	60540610S	60540915
60540814S	60540612S	60541216A
60540915S	S2337HF11	60541319S
S2337HF08	60541216S	S2337HF05
S2337HF07	S2337HF06	S2337HF13
60540713S	60541218S	

Catalog numbers used in the analysis of the SROM stem.

523418	523422	523195
563618	563514	563624
563517	523291	523424
563620	523191	563118R
523420	523394	563120N
563516	523292	563122N
523193	523208	563216L
563518	523293	523197
523192	523393	523396
563622	523395	526516L
523194	563626	526520L

526520R
563118L

563118N
563120L

563124N

Catalog numbers used in the analysis of the Summit stem.

157001110
157011110
157011120
157011135
157001100
157001120
157011100
157001135
157001090
157011090
157011150
157001150

157001080
157011080
157011165
157001165
157001070
157003090
157011070
157003100
157013100
157001180
157003110
157003120

157011180
157013110
157003080
157003135
157013090
157013120
157013135
157003150
157013150

Catalog numbers used in the analysis of the Synergy stem.

71306614
71306114
71306613
71306113
71306615
71306116
71306115
71306112
71306612
71306616
71306117
71306611
71306617
71306111

71306118
71306618
71316212
71316014
71316213
71316012
71316015
71316013
71316214
71306110
71316215
71316216
71926107
71306610

71316016
71316211
71316010
71316011
71316217
71316017
71306608
71306609
71316009
71316210
71927414

Catalog numbers used in the analysis of the Taperloc stem.

11103205
11103203
11103204

11103206
11103208
11103207

103203
103205
103206

11103202	103208	12103208
103204	11103215	13103209
103202	103200	11103216
103207	11103209	103215
13103207	13103210	103216
13103206	103209	11103210
11103201	12103210	12103211
103201	11103200	12103215
13103208	12103206	13103211
13103215	12103207	

Catalog numbers used in the analysis of the Taperloc 133 stem.

51104120	51101070	51101110
51104130	51100070	51101090
51104110	51104180	51104220
51104100	51101060	51101160
51103110	51100060	51101170
51104140	51103160	51100090
51103100	51100050	51101180
51104090	51101050	51103220
51104150	51103180	51100110
51103120	51103170	51100140
51104160	51104200	51100160
51103130	51100040	51104240
51103090	51103200	51100120
51101080	51101150	51100130
51100080	51101120	51103240
51103150	51101130	
51103140	51101140	
51104170	51101100	

Catalog numbers used in the analysis of the Taperloc 133 Microplasty stem.

51107110	51106120	51106140
51107120	51107160	51109070
51107130	51107090	51106150
51107150	51106130	51107180
51106110	51106090	51108070
51107140	51109080	51108060
51107100	51108080	51106160
51106100	51107170	51109060

51109050	51107200	51106220
51106170	51106200	51107240
51106180	51108040	
51108050	51107220	

Catalog numbers used in the analysis of the Trabecular Metal stem.

00786401320	00786401520	00786401000
00786401420	00786401500	00786401700
00786401220	00786401100	00786401720
00786401300	00786401120	00786401820
00786401200	00786401620	7864015
00786401400	00786401600	

Catalog numbers used in the analysis of the Tri-Lock BPS stem.

101204040	101214060	101214090
101204050	101214070	101214100
101204030	101204080	101214005
101204060	101204010	101204100
101204020	101214020	101204110
101214040	101214080	101214110
101214050	101214010	101204120
101204070	101204090	101214120
101214030	101204005	

CATALOG NUMBERS OF CUPS IN MARCQI DATABASE FOR THA CASES

Catalog numbers used in the analysis of the Continuum cup.

00875705201	00875706401	00875705000
00875705401	00875705402	00875705800
00875705601	00875705202	00875704800
00875705801	00875705400	00875706002
00875706001	00875705002	00875706601
00875705001	00875705600	00875704601
00875704801	00875704802	00875704602
00875706201	00875705602	00875706000
00875705200	00875705802	00875706202

00875706402	00875706602	00875706802
00875706801	00875704401	00875707001
00875704402	00875704002	
00875706200	00875706400	

Catalog numbers used in the analysis of the Converge cup.

536100051	536100059	536000047
536100055	536000049	536100063
536100053	536000059	636100049
536100049	536100061	536000065
536100057	536000053	536200051
536000051	536000061	
536000057	636100051	
536000055	536000063	

Catalog numbers used in the analysis of the G7 cup.

010000664	110017106	110010268
010000663	010000661	110010269
110010244	010000668	110017109
010000665	110017101	110010262
110010245	110010249	010000670
110010243	110017107	110010240
010000662	110010241	110010270
110010246	110010266	110010261
010000666	110010265	010000671
110010247	110010264	110017099
110017103	010000669	110010271
110017102	110017100	110010272
110017104	110010263	110010239
110017105	110017108	110010251
010000667	110010267	110017110
110010242	010000660	
110010248	110010250	

Catalog numbers used in the analysis of the Pinnacle cup.

121732052	121730052	121731060
121732054	121701048	121720046
121732056	121731056	121701060
121722052	121703056	121732066
121732050	121730046	121730064
121732058	121730054	121722064
121722054	121730056	121701062
121722050	121731050	121703062
121722056	121722062	121730038
121732048	121701058	121730068
121732060	121732064	121722066
121722048	121703048	121731062
121722058	121731058	121701064
121701052	121731048	121703064
121732062	121703050	121717062
121703052	121703058	121720044
121701054	121730058	121720052
121722060	121730060	121720054
121701056	121730048	121730040
121731054	121730050	121730042
121731052	121730044	121730066
121701050	121703060	121731046
121703054	121730062	

Catalog numbers used in the analysis of the Reflection cup.

71336450	71334158	71358065
71334154	71336458	71358066
71334152	71334160	71336462
71336452	71334162	71358007
71336454	71336446	71358026
71334156	71336460	71358068
71334150	71336448	743066
71336456	71334164	

Catalog numbers used in the analysis of the Reflection 3 cup.

71335552	71335548	71331850
71335554	71335560	71331858
71335556	71331854	71335562
71335550	71331856	71338665
71335558	71331852	71338666

71338667	71335564	71331864
71335546	71338669	71335566
71331860	71331846	71335544
71331848	71338663	71335568
71338668	71331862	71338675
71338664	71338671	

Catalog numbers used in the analysis of the Regenerex RingLoc+ cup.

PT116052	PT106058	PT106052
PT116056	PT104050	PT106068
PT116054	PT106060	PT116066
PT116058	PT104054	PT104062
PT116060	PT106064	PT104066
PT116050	PT104052	PT106070
PT106054	PT104058	PT106072
PT106056	PT106062	PT116064
PT116048	PT104060	
PT116062	PT106066	
PT104056	PT104048	

Catalog numbers used in the analysis of the RingLoc+ cup.

16104154	16116056	16104166
16104150	16104164	11165214
16104152	14103660	11165216
16104156	14103662	14103664
16104158	16104146	16116062
14103654	16116058	11165218
16104160	14103554	14103566
14103656	14103560	14103666
14103652	14103564	16116064
16116050	14103558	11165224
14103650	14103562	11165228
16116054	14103556	11165230
16116052	16116048	14103668
16104162	16116060	16104168
14103658	14103552	
16104148	16116046	

Catalog numbers used in the analysis of the Trabecular Metal cup.

00620205222	00620204622	00620207022
00620205022	00620205220	00620206221
00620204822	00620205821	00620207020
00620205422	00620204821	00700005820
00620205622	00620205420	00620203822
00620205822	00620206222	00620204020
00620205021	00620204820	00620206620
00620205221	00620206220	00620206820
00620206022	00620206020	00700005420
00620205421	00620206021	00700005620
00620205621	00620206422	00700006220
00620205020	00620204621	00712305648
00620205820	00620206420	00712306254
00620205620	00620204422	

Catalog numbers used in the analysis of the Trident cup.

5421150E	5000358F	5000158F
5021152E	5020152E	5020346B
5020354E	5000152E	5081148D
5021154E	5401152E	5090260F
5421154F	5421144C	5421162H
5021156F	5401154F	5090262G
5021150D	5401156F	5401148D
5020350D	5020156F	5401160G
5020352D	5000154E	5421164H
5020356E	5000360F	5000362G
5020358F	5090254E	5020150D
5021158F	5000352D	5081154E
5421152E	5000150D	5020160G
5421156F	5090256E	5090264G
5021148D	5000350D	5020154E
5421158G	5401158G	5081156F
5020360F	5000148D	5020366H
5021160G	5020364G	5090268H
5421146D	5021146C	5081158F
5421148D	5000156F	5021144B
5000354E	5081152E	65C3252
5020362G	5001152E	65C3254
5020348C	5020158F	5000348C
5401150E	5021164H	5000364G
5021162G	5090258F	5021166H
5421160G	5020148D	65C3250
5000356E	5081150D	5081160G

5000160G	65C3248	5000146C
5090266H	5081162G	5000164H
5401146D	5401144C	5020258F
65C3256	5000162G	5020266H
5001148D	5001158F	5021142A
5020162G	5020344A	50811480
5090270I	5021168I	5081164H
5081146C	5090272I	5401166I
5401162H	5401164H	65C3258
5421142B	5421168I	

Catalog numbers used in the analysis of the Trident II cup.

7020452E	7000456F	7090456F
7020454E	7021160G	7421150D
7020456F	7421148D	7020444B
7020450D	7421152E	7090458F
7020458F	7000458F	7421146C
7020448D	7090448D	7000446C
7021152E	7021162G	7421158F
7021150D	7000450D	7421160G
7020460G	7090450D	7000462G
7021156F	7090452E	7020466H
7021154E	7000460G	7021166H
7021148D	7421156F	7090446C
7021158F	7020464H	7090464H
7020446C	7021146C	7421162G
7020462G	7090454E	
7000452E	7421154E	
7000454E	7000448D	

Catalog numbers used in the analysis of the Trilogy cup.

00620005222	00620005421	00620005820
00620005422	00620004822	00620005021
00620005822	00620005221	00620005621
00620005022	00620005020	00620006224
00620005622	00620005220	00620006421
00620006022	00620006221	00620005024
00620005821	00620005620	00620005424
00620006222	00620006422	00620005624
00620006021	00620005420	00620006020

00620004820
00620005824
00620006024

00620006622
00620004620
00620006624

620006220

Catalog numbers used in the analysis of the BHR/BHR combination.

74121150 - 74120156
74123148 - 74122154
74123152 - 74122158
74121154 - 74120160
74121146 - 74120152

74123156 - 74122162
74121142 - 74120148
74123144 - 74122150
74123148 - 74122156
74123152 - 74122160

74121146 - 74120154
74121150 - 74120158
74121158 - 74120164
74123140 - 74122148

Specifications for knee chapter

Section 3.1 All total knee arthroplasty cases

Caption: All knee cases over time

Description of figure	All knee cases over time. There should be one line on this plot. Because this should go back to 2012 and the procedure coding changed in 2015, we should not specify what kind of cases these are. This is just to show growth for knees over time.
Inclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases, (4) other knee cases,
Exclusion criteria	
Time window	2/15/2012 to 12/31/19

Caption: Percent of knee arthroplasty cases by primary or revision

Description of figure	This is a pie chart that gives the percentage of primary and revision knee cases. It is used to give the reader a general sense of this breakdown before we clearly state that the rest of the chapter will focus on primary procedures and – where appropriate – time to first revision.
Inclusion criteria	Primary and all revision knee cases (TKA, UKA, PFJ, other). Note: this includes all revisions, not just first revisions.
Exclusion criteria	THA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary knee arthroplasty cases performed as TKA, UKA, and PFJ

Description of figure	Percent of primary knee cases performed as TKA, UKA, PFJ
Inclusion criteria	All primary TKA, UKA, PFJ, other knee cases
Exclusion criteria	(1) THA cases, (2) all revision knee cases
Time window	2/15/2012 to 12/31/19

Section 3.2. Primary TKA cases

Subsection 3.2.1 Descriptive statistics

Caption: Primary TKA cases over time

Description of figure	Primary TKA cases over time. There should be one line on this plot: number of primary cases over time. Because this should go back to 2012 and the procedure coding changed in 2015, we should not specify what kind of cases these are. This is just to show primary case growth for knees over time.
Inclusion criteria	primary TKA cases
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases, (4) other knee cases, (4) revision knee arthroplasty cases.
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary TKA cases by sex.

Description of figure	Pie chart showing distribution of TKA cases by sex.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) All THA cases, (2) revision TKA cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Age distribution of primary TKA cases by sex.

Description of figure	Histogram showing percentage breakdown of TKA cases by sex over age. X-axis is age. Plot three lines: male, female, and unknown. Unknown may be so small we should exclude it (approx. 0.06% overall). Denominator for each line is the number of that sex. For example, the point at 20 years of age for males would be the number of males aged 20 divided by the total number of males.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) All THA cases, (2) revision TKA cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary TKA cases.

Description of figure	Descriptive statistics for those patients having primary TKA.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases, (4) other knee cases, (4) revision knee arthroplasty cases.
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary TKA cases by approach.

Description of figure	Percent of primary TKA cases using approach.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary TKA cases by diagnosis.

Description of figure	Percent of primary TKA cases by diagnosis.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary TKA cases by ASA class.

Description of figure	Percent of primary TKA cases by ASA class.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary TKA patients (first case) by thrombosis prophylaxis.

Description of figure	Percent of primary TKA patients (first case) by thrombosis pharmacoprophylaxis over time
Inclusion criteria	All primary TKA cases being the first primary TKA case for each patient over time
Exclusion criteria	(1) THA cases, (2) revision knees cases, (3) UKA cases, (4) PFJ cases, (5) primary TKA cases that are not the first primary TKA for the patient
Time window	2/15/12 to 12/31/19

Subsection 3.2.2. Most commonly used TKA implants

Caption: Ten most commonly used femoral components in primary TKA.

Description of figure	Ten most commonly used femoral components in primary TKA.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Ten most commonly used tibial components in primary TKA.

Description of figure	Ten most commonly used tibial components in primary
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Ten most commonly used femoral/tibial component combinations in primary TKA.

Description of figure	Ten most commonly used femoral/tibial component combinations in primary TKA.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Percentage of polyethylene inserts by type of polyethylene in primary TKA

Description of figure	Percentage of polyethylene inserts by type of polyethylene in primary TKA.
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Subsection 3.2.3 TKA revision risk summary

Caption: Reasons for first revision following primary TKA.

Description of figure	Reasons for first revision following primary TKA
Inclusion criteria	All first revision cases following primary TKA
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) UKA cases, (4) other knee cases, (5) primary knee cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA in first year post-operatively.

Description of figure	Reasons for first revision following primary TKA for revisions occurring within 365 days of the primary procedure
Inclusion criteria	All first revision cases following primary TKA performed within 365 days of the primary procedure
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) UKA cases, (4) other knee cases, (5) primary knee cases, (6) revision performed more than 1 year later than primary
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA in second year post-operatively.

Description of figure	Reasons for first revision following primary TKA for revisions occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases following primary TKA performed between 366 days and within 730 days of the primary procedure
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) UKA cases, (4) other knee cases, (5) primary knee cases, (6) revision performed more than 1 year later than primary

Caption: Reasons for first revision following TKA in third year post-operatively.

Description of figure	Reasons for first revision following primary TKA for revisions occurring within 731 days of the primary procedure
Inclusion criteria	All first revision cases following primary TKA performed between 731 days and within 1095 days of the primary procedure
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) UKA cases, (4) other knee cases, (5) primary knee cases, (6) revision performed more than 1 year later than primary
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Most common reasons for first revision following primary TKA (Pareto chart).

Description of figure	Reasons for first revision following primary TKA
Inclusion criteria	All first revision cases following primary TKA
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) UKA cases, (4) other knee cases, (5) primary knee cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Cumulative percent revision for primary TKA.

Description of figure	Cumulative percent revision for primary TKA.
Inclusion criteria	All primary TKA cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary TKA (numerical values).

Description of figure	Cumulative percent revision for primary TKA.
Inclusion criteria	All primary TKA cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary TKA by diagnosis.

Description of figure	Cumulative percent revision for primary TKA by diagnosis.
Inclusion criteria	All primary TKA cases, with data on first revision event and time-to-first-revision as data fields.
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary TKA by diagnosis (numerical values).

Description of figure	Cumulative percent revision for primary TKA by diagnosis.
Inclusion criteria	All primary TKA cases, with data on first revision event and time-to-first-revision as data fields.
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary TKA by sex for osteoarthritis diagnosis.

Description of figure	Cumulative percent revision for primary TKA by sex for OA diagnosis.
Inclusion criteria	All primary TKA cases having a diagnosis of OA, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) diagnosis other than OA, (2) UKA cases, (3) PFJ cases, (4) THA cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary TKA by sex for osteoarthritis diagnosis (numerical values).

Description of figure	Cumulative percent revision for primary TKA by sex for OA diagnosis.
Inclusion criteria	All primary TKA cases having a diagnosis of OA, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) diagnosis other than OA, (2) UKA cases, (3) PFJ cases, (4) THA cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Subsection 3.2.4 Analysis of TKA stability

Caption: Distribution of stability in primary TKA.

Description of figure	Percent of primary TKA cases
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary TKA by stability.

Description of figure	Table demographic data on patients undergoing primary TKA, separated by stability. There will be two data columns: CR and PS. Each column contains means (S.D.), except for the smoking data (percentages)
Inclusion criteria	All primary TKA cases using CR and PS stability.
Exclusion criteria	(1) THA cases, (2) revision TKA cases, (3) PFJ and UKA cases, (4) TKA not using PC or CR stability, (5) Vanguard XP knee cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for CR and PS stability in primary TKA.

Description of figure	CPR curves for CR and PS knees
Inclusion criteria	All primary TKA cases using CR and PS stability knees.
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases that are NOT CR or PS stability, (5) Vanguard XP knee cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for CR and PS stability in primary TKA (numerical values).

Description of figure	CPR curves for CR and PS knees
Inclusion criteria	All primary TKA cases using CR or PS stability knees.
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases that are NOT CR or PS stability, (5) Vanguard XP cases.
Time window	2/15/2012 to 12/31/19

Caption: Reasons for first revision following primary TKA for CR cases.

Description of figure	Reasons for revision for primary TKA CR cases
Inclusion criteria	All first revision cases performed for TKA CR cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using CR, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for CR cases in first year post-operatively.

Description of figure	Reasons for revision for primary TKA CR cases occurring within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for TKA CR cases within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using CR, (5) Vanguard XP cases, (6) revisions performed greater than or equal to 366 days after primary procedure
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for CR cases in second year post-operatively.

Description of figure	Reasons for revision for primary TKA CR cases occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for TKA CR cases between 366 days and within 730 days of the primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using CR, (5) Vanguard XP cases, (6) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for CR cases in third year post-operatively.

Description of figure	Reasons for revision for primary TKA CR cases occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for TKA CR cases between 731 days and within 1095 days of the primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using CR, (5) Vanguard XP cases, (6) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days.
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for PS cases.

Description of figure	Reasons for revision for primary TKA PS cases
Inclusion criteria	All first revision cases performed for TKA PS cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using PS, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for PS cases in first year post-operatively.

Description of figure	Reasons for revision for primary TKA PS cases occurring within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for TKA PS cases within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using PS, (5) Vanguard XP cases, (6) revisions performed greater than or equal to 366 days after primary procedure
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for PS cases in second year post-operatively.

Description of figure	Reasons for revision for primary TKA PS cases occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for TKA PS cases between 366 days and within 730 days of the primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using PS, (5) Vanguard XP cases, (6) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA for PS cases in third year post-operatively.

Description of figure	Reasons for revision for primary TKA PS cases occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for TKA PS cases between 731 days and within 1095 days of the primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT using PS, (5) Vanguard XP cases, (6) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days.
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Subsection 3.2.5 Analysis of the effect of patella resurfacing on revision risk

Caption: Percent primary TKA cases performed with (present) and without (absent) patella resurfacing.

Description of figure	Percent of primary TKA cases performed with and without patella resurfacing
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases
Time window	2/15/2012 to 12/31/19

Caption: Percent primary TKA CR cases performed with (present) and without (absent) patella resurfacing.

Description of figure	Percent of primary TKA CR cases performed with and without patella resurfacing
Inclusion criteria	All primary TKA cases having CR stability
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) all TKA cases NOT being CR, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19

Caption: Percent primary TKA PS cases performed with (present) and without (absent) patella resurfacing.

Description of figure	Percent of primary TKA PS cases performed with and without patella resurfacing
Inclusion criteria	All primary TKA cases having PS stability
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) Vanguard XP cases, (5) all TKA cases NOT being PS
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary cases having TKA with and without patella resurfacing.

Description of figure	Table of descriptive statistics of primary TKA cases by patella resurfacing status
Inclusion criteria	(1) All primary TKA cases
Exclusion criteria	(1) THA cases, (2) TKA revision cases, (3) UKA and PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary cases having TKA CR with and without patella resurfacing.

Description of figure	Table of descriptive statistics of primary TKA CR cases by patella resurfacing status
Inclusion criteria	All primary TKA cases having CR stability
Exclusion criteria	(1) THA cases, (2) TKA revision cases, (3) UKA and PFJ cases, (4) Vanguard XP cases, (5) TKA cases having stability NOT CR
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary cases having TKA PS with and without patella resurfacing.

Description of figure	Table of descriptive statistics of primary TKA PS cases by patella resurfacing status
Inclusion criteria	All primary TKA cases having PS stability
Exclusion criteria	(1) THA cases, (2) TKA revision cases, (3) UKA and PFJ cases, (4) Vanguard XP cases, (5) TKA cases having stability NOT CR
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for primary TKA cases performed with (present) and without (absent) patella resurfacing.

Description of figure	CPR curves for primary TKA performed with and without patella resurfacing
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for primary TKA cases performed with and without patella resurfacing (numerical values).

Description of figure	CPR numerical values for primary TKA performed with and without patella resurfacing
Inclusion criteria	All primary TKA cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for primary TKA cases performed patella resurfacing by fixation.

Description of figure	CPR curves for primary TKA that had the patella resurfaced BY whether the patella was cemented or not. Thus, this analysis is restricted to TKA cases with resurfaced patellas. The intent is to determine if there is an effect of cementing the patellar component.
Inclusion criteria	All primary TKA cases that had a resurfaced patella.
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) TKA cases that did not have the patella resurfaced.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for primary TKA cases performed patella resurfacing by fixation (numerical values).

Description of figure	CPR data for primary TKA that had the patella resurfaced BY whether the patella was cemented or not. Thus, this analysis is restricted to TKA cases with resurfaced patellas. The intent is to determine if there is an effect of cementing the patellar component.
Inclusion criteria	All primary TKA cases that had a resurfaced patella.
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) TKA cases that did not have the patella resurfaced.
Time window	2/15/2012 to 12/31/19

Caption: Reasons for first revision following primary TKA CR with patella resurfacing.

Description of figure	Reasons for revision for primary TKA CR with patella resurfacing cases
Inclusion criteria	All first revision cases performed for TKA CR with patella resurfacing
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) TKA cases NOT having CR stability, (6) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR with patella resurfacing in first year post-operatively.

Description of figure	Reasons for revision for primary TKA CR with patella resurfacing cases occurring within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for TKA CR with patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) TKA cases NOT having CR stability, (6) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR with patella resurfacing in second year post-operatively.

Description of figure	Reasons for revision for primary TKA CR with patella resurfacing cases between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for TKA CR with patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) TKA cases NOT having CR stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR with patella resurfacing in third year post-operatively.

Description of figure	Reasons for revision for primary TKA CR with patella resurfacing cases occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for TKA CR with patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) revisions performed less than or equal to 730 days of primary procedure or greater than or equal to 1096 days, (6) TKA cases NOT having CR stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR without patella resurfacing.

Description of figure	Reasons for revision for primary TKA CR without patella resurfacing cases
Inclusion criteria	All first revision cases performed for TKA CR without patella resurfacing
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) TKA cases NOT having CR stability, (6) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR without patella resurfacing in first year post-operatively.

Description of figure	Reasons for revision for primary TKA CR without patella resurfacing cases occurring within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for TKA CR without patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) TKA cases NOT having CR stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR without patella resurfacing in second year post-operatively.

Description of figure	Reasons for revision for primary TKA CR without patella resurfacing cases between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for TKA Cr without patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) TKA cases NOT having CR stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA CR without patella resurfacing in third year post-operatively.

Description of figure	Reasons for revision for primary TKA CR without patella resurfacing cases occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for TKA CR without patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days, (6) TKA cases NOT having CR stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS with patella resurfacing.

Description of figure	Reasons for revision for primary TKA PS with patella resurfacing cases
Inclusion criteria	All first revision cases performed for TKA PS with patella resurfacing
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) TKA cases NOT having PS stability, (6) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS with patella resurfacing in first year post-operatively.

Description of figure	Reasons for revision for primary TKA PS with patella resurfacing cases occurring within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for TKA PS with patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) TKA cases NOT having PS stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS with patella resurfacing in second year post-operatively.

Description of figure	Reasons for revision for primary TKA PS with patella resurfacing cases between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for TKA PS with patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) TKA cases NOT having PS stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS with patella resurfacing in third year post-operatively.

Description of figure	Reasons for revision for primary TKA PS with patella resurfacing cases occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for TKA PS with patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases NOT having a resurfaced patella, (5) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days, (6) TKA cases NOT having PS stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS without patella resurfacing.

Description of figure	Reasons for revision for primary TKA PS without patella resurfacing cases
Inclusion criteria	All first revision cases performed for TKA PS without patella resurfacing
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) TKA cases NOT having PS stability, (6) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS without patella resurfacing in first year post-operatively.

Description of figure	Reasons for revision for primary TKA PS without patella resurfacing cases occurring within 365 days of primary procedure
Inclusion criteria	All first revision cases performed for TKA PS without patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) revisions performed greater than or equal to 366 days after primary procedure, (6) TKA cases NOT having PS stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS without patella resurfacing in second year post-operatively.

Description of figure	Reasons for revision for primary TKA PS without patella resurfacing cases between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases performed for TKA Cr without patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) revisions occurring less than or equal to 365 days or greater than or equal to 731 days of primary procedure, (6) TKA cases NOT having PS stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following primary TKA PS without patella resurfacing in third year post-operatively.

Description of figure	Reasons for revision for primary TKA PS without patella resurfacing cases occurring between 731 and 1095 days of the primary procedure.
Inclusion criteria	All first revision cases performed for TKA PS without patella resurfacing within 365 days of primary procedure
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) primary TKA cases having a resurfaced patella, (5) revisions performed less than or equal to 730 days or primary procedure or greater than or equal to 1096 days, (6) TKA cases NOT having PS stability, (7) Vanguard XP cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Subsection 3.2.6 Revision risk for TKA implant combinations

Caption: Cumulative percent revision for femoral/tibial combinations having at least 500 primary cases, sorted alphabetically

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases.
Inclusion criteria	All primary UKA cases for implant combinations having at least 500 primary cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases, (4) not having at least 500 primary cases using each femoral/tibial component pair listed in the table. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for femoral/tibial combinations having at least 500 primary cases, sorted by 5-year cpr.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases, sorted by 5-year cpr.
Inclusion criteria	All primary UKA cases for implant combinations having at least 500 primary cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases, (4) not having at least 500 primary cases using each femoral/tibial component pair listed in the table. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision for CR femoral/tibial combinations in primary TKA having at least 500 cases, sorted alphabetically.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases for TKA combinations that have CR stability
Inclusion criteria	All primary TKA cases for implant combination having CR stability that exceed at least 500 cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) TKA cases NOT using CR, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision for CR femoral/tibial combinations in primary TKA having at least 500 cases, sorted by 5-year cpr.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases for TKA combinations that have CR stability, sorted by 5-year cpr.
Inclusion criteria	All primary TKA cases for implant combination having CR stability that exceed at least 500 cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) TKA cases NOT using CR, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision for PS femoral/tibial combinations in primary TKA having at least 500 cases, sorted alphabetically.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases for TKA combinations that have PS stability
Inclusion criteria	All primary TKA cases for implant combination having PS stability that exceed at least 500 cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) TKA cases NOT using PS, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision for PS femoral/tibial combinations in primary TKA having at least 500 cases, sorted by 5-year cpr.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases for TKA combinations that have PS stability, sorted by t-year cpr
Inclusion criteria	All primary TKA cases for implant combination having PS stability that exceed at least 500 cases
Exclusion criteria	(1) THA cases, (1) UKA cases, (2) PFJ cases, (3) all revision knee cases, (4) TKA cases NOT using PS, (5) Vanguard XP cases
Time window	2/15/2012 to 12/31/19

Implant-specific pages

Text: This will just be text rather than a figure or table in TKA section

Description of figure	This will just be text rather than a figure or table. The text would be located in the right column to fill up some of the white space.
Inclusion criteria	All primary TKA cases using this implant combination.
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases, (5) other
Time window	2/15/2012 to 12/31/19

Caption: Volume of primary cases by surgeon and site for the <Femur>/<Tibia> combination.

Description of figure	Volume information for this implant combination, with mean (SD) and median (IQR).
Inclusion criteria	All primary TKA cases using this implant combination.
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) UKA cases, (4) PFJ cases, (5) other
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases using <Femur>/<Tibia> combination

Description of figure	Descriptive statistics for those patients using this femur/tibia combination.
Inclusion criteria	Primary TKA cases using this femur/tibia combination.
Exclusion criteria	(1) all revision knee cases, (2) primary TKA cases not using this femur/tibia combination, (3) UKA cases, (4) PFJ cases, (5) THA cases.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for the <Femur>/<Tibia> combination compared to all other implant combinations in primary TKA cases.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents two lines:</p> <ol style="list-style-type: none"> 1. CPR for femur/tibia combination under specific consideration (pink), with pink 95% confidence interval shading. 2. CPR for all TKA's (blue) not using this femur/tibia combination, with light blue 95% confidence interval shading. <p>Note: this means we are doing a comparison to all other TKA cases and not including UKA or PFJ cases in this comparison group.</p>
Inclusion criteria	<p>Line 1. Inclusion criteria for this line: primary TKA cases done that use the femur/tibia combination being presented if there are at least 500 cases of this combination. For example, if we are analyzing the LCS PS/LCS combination than for a case to be included it would need to have an LCS PS femoral component <i>and</i> LCS tibial component and be a primary TKA.</p> <p>Line 2. Inclusion criteria for this line: primary TKA cases done that do not use the femur/tibia combination being presented.</p>
Exclusion criteria	<p>Line 1. Exclusion criteria for this line: (1) THA cases, (2) primary TKA cases not using this combination, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.</p> <p>Line 2. Exclusion criteria for this line: (1) THA cases, (2) UKA cases, (3) PFJ cases, (3) TKA revision cases, (4) any primary TKA case that does not use either the femur or tibial components under consideration.</p>
Time window	2/15/2012 to 12/31/19

**Caption: Cumulative percent revision and number at risk for
<Femur>/<Tibia> combination in primary TKA cases.**

Description of figure	This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It is presented as a table of numerical values.
Inclusion criteria	TKA cases done that use the femur/tibia combination being presented if there are at least 500 cases of this combination. For example, if we are analyzing the LCS PS/LCS combination than for a case to be included it would need to have an LCS PS femoral component <i>and</i> LCS tibial compoent and be a primary TKA.
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using this combination, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

**Caption: Reasons for first revision following primary TKA for
<Femur>/<Tibia> cases.**

Description of figure	Reasons for first revision following primary TKA using this femur/tibia combination
Inclusion criteria	Primary TKA cases using this femur/tibia combination
Exclusion criteria	(1) all revision knee cases, (2) primary TKA cases not using this femur/tibia combination, (3) UKA cases, (4) PFJ cases, (5) THA cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

**Caption: Distribution of approach used for <Femur>/<Tibia> combination in
primary TKA cases.**

Description of figure	This table gives the percentage breakdown of approaches used for cases using this femur/tibia combination.
Inclusion criteria	Primary TKA cases using this femur/tibia combination.
Exclusion criteria	(1) revision THA cases, (2) primary TKA cases not using this femur/tibia combination, (3) UKA cases, (4) PFJ cases, (5) THA cases.
Time window	2/15/2012 to 12/31/19

Caption: Distribution of polyethylene used for <Femur>/<Tibia> combination in primary TKA cases.

Description of figure	Describes the percentage of different types of polyethylene used with this femur/tibia combination that uses a polyethylene insert. There are three kinds: UHMWPE, XLPE, and Antioxidant XLPE.
Inclusion criteria	Primary TKA cases using this femur/tibia combination and a polyethylene insert.
Exclusion criteria	(1) all revision knee cases, (2) primary TKA cases not using this femur/tibia combination, (3) UKA cases, (4) PFJ cases, (5) THA cases, (6) TKA without polyethylene insert.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of <Femur>/<Tibia> combination in primary TKA cases.

Description of figure	Utilization of this implant combination over time. There are two lines: (1) entire set of hospitals (blue line), and (2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.
Inclusion criteria	All primary TKA cases, using this implant combination. The inclusion criterion is slightly different for the two (red and blue) lines: 1) Blue line. Inclusion is all primary TKA cases using this implant combination between 2/15/2012 and 12/31/2019. 2) Red line. Inclusion is all primary TKA cases using this implant between 1/1/2014 and 12/31/2019.
Exclusion criteria	revision TKA cases, (2) primary TKA cases not using this implant combination, (3) THA cases, (4) UKA, PFJ cases
Time window	Blue line: 2/15/2012 to 12/31/19 Red line: 1/1/2014 to 12/31/19

The next section is the iTot

Text: This will just be text rather than a figure or table in TKA section

Description of figure	This will just be text rather than a figure or table. The text would be located in the right column to fill up some of the white space.
Inclusion criteria	TKA cases done that use the iTot, including G1, G2, and G2+ versions
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTot, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Volume of primary cases by surgeon and site for the iTot.

Description of figure	Volume information for this implant combination, with mean (SD) and median (IQR).
Inclusion criteria	TKA cases done that use the iTot, including G1, G2, and G2+ versions
Exclusion criteria	(1) THA cases, (2) primary TKA cases not using an iTot, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases using the iTot in primary TKA.

Description of figure	Descriptive statistics for those patients using this femur/tibia combination.
Inclusion criteria	TKA cases done that use the iTot, including G1, G2, and G2+ versions
Exclusion criteria	(1) THA cases, (2) primary TKA cases not using an iTot, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for the iTotal compared to all implants other than the iTotal in primary TKA Cases.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant, for all iTotal knees. It presents two lines:</p> <ul style="list-style-type: none"> 3. CPR for iTotal cases under specific consideration (pink), with pink 95% confidence interval shading. 4. CPR for all TKA's (blue) not using an iTotal knee, with light blue 95% confidence interval shading. <p>Note 1: this means we are doing a comparison to all other TKA cases and not including UKA or PFJ cases in this comparison group.</p> <p>Note 2: this figure groups the G1, G2, and G2+ versions together.</p>
Inclusion criteria	<p>Line 1. Inclusion criteria for this line: primary TKA cases done that using the iTotal system (G1, G2, and G2+ all included).</p> <p>Line 2. Inclusion criteria for this line: primary TKA cases done that do not use the iTotal system.</p>
Exclusion criteria	<p>Line 1. Exclusion criteria for this line: (1) THA cases, (2) primary TKA cases not using the iTotal, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.</p> <p>Line 2. Exclusion criteria for this line: (1) THA cases, (2) UKA cases, (3) PFJ cases, (3) TKA revision cases, (4) any primary TKA case that uses the iTotal system.</p>
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision and number at risk for iTotal in primary TKA cases.

Description of figure	This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for the iTotal. It is presented as a table of numerical values.
Inclusion criteria	TKA cases done that use the iTotal, including G1, G2, and G2+ versions
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTotal, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Reasons for first revision following primary TKA for iTotal cases.

Description of figure	Reasons for first revision following primary TKA using the iTotal system
Inclusion criteria	Primary TKA cases using the iTotal, including G1, G2, and G2+ versions
Exclusion criteria	(1) all revision knee cases, (2) primary TKA cases not using the iTotal, (3) UKA cases, (4) PFJ cases, (5) THA cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for iTotal in primary TKA cases.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this femur/tibia combination.
Inclusion criteria	Primary TKA cases using the iTotal system, including G1, G2, and G2+ versions
Exclusion criteria	(1) revision THA cases, (2) primary TKA cases not using the iTotal, (3) UKA cases, (4) PFJ cases, (5) THA cases.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of iTotal in primary TKA cases.

Description of figure	<p>Utilization of the iTotal (including G1, G2, and G2+ versions) over time. There are two lines:</p> <p>(1) entire set of hospitals (blue line), and</p> <p>(2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.</p>
Inclusion criteria	<p>All primary TKA cases, using the iTotal. The inclusion criterion is slightly different for the two (red and blue) lines:</p> <p>3) Blue line. Inclusion is all primary TKA cases using the iTotal between 2/15/2012 and 12/31/2019.</p> <p>4) Red line. Inclusion is all primary TKA cases using the iTotal between 1/1/2014 and 12/31/2019.</p>
Exclusion criteria	<p>revision TKA cases, (2) primary TKA cases not using the iTotal, (3) THA cases, (4) UKA, PFJ cases</p>
Time window	<p>Blue line: 2/15/2012 to 12/31/19</p> <p>Red line: 1/1/2014 to 12/31/19</p>

The next section is for G2+ version of the iTTotal

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Description of figure	This will just be text rather than a figure or table. The text would be located in the right column to fill up some of the white space.
Inclusion criteria	TKA cases done that use the iTTotal G2+
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTTotal G2+, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Volume of primary cases by surgeon and site for the iTTotal G2+.

Description of figure	Volume information for this implant combination, with mean (SD) and median (IQR).
Inclusion criteria	TKA cases done that use the iTTotal G2+
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTTotal G2+, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases receiving the iTTotal G2+ in primary TKA.

Description of figure	Descriptive statistics for those patients using this femur/tibia combination.
Inclusion criteria	TKA cases done that use the iTTotal G2+
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTTotal G2+, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for the iTTotal G2+ compared to all implants other than the iTTotal in primary TKA cases.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant, for all iTTotal knees. It presents two lines:</p> <ul style="list-style-type: none"> 5. CPR for iTTotal G2+ cases under specific consideration (pink), with pink 95% confidence interval shading. 6. CPR for all TKA's (blue) not using an iTTotal knee, with light blue 95% confidence interval shading. <p>Note 1: this means we are doing a comparison to all other TKA cases and not including UKA or PFJ cases in this comparison group.</p>
Inclusion criteria	<p>Line 1. Inclusion criteria for this line: primary TKA cases done that use the iTTotal G2+ system.</p> <p>Line 2. Inclusion criteria for this line: primary TKA cases done that do not use the iTTotal system.</p>
Exclusion criteria	<p>Line 1. Exclusion criteria for this line: (1) THA cases, (2) primary TKA cases not using the iTTotal G2+, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.</p> <p>Line 2. Exclusion criteria for this line: (1) THA cases, (2) UKA cases, (3) PFJ cases, (3) TKA revision cases, (4) any primary TKA case that uses the iTTotal system.</p>
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision and number at risk for iTTotal G2+ in primary TKA cases.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for the iTTotal. It is presented as a table of numerical values.</p>
Inclusion criteria	TKA cases done that use the iTTotal G2+
Exclusion criteria	<p>Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTTotal G2+, (2) UKA cases, (3) PFJ cases, (4) cases done outside, (5) less than 500 cases using this combination.</p>
Time window	2/15/2012 to 12/31/19

Caption: Reasons for first revision following primary TKA for iTotal G2+ cases.

Description of figure	Reasons for first revision following primary TKA using the iTotal system
Inclusion criteria	TKA cases done that use the iTotal G2+
Exclusion criteria	(1) all revision knee cases, (2) primary TKA cases not using the iTotal G2+, (3) UKA cases, (4) PFJ cases, (5) THA cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for iTotal G2+ in primary TKA cases.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this femur/tibia combination.
Inclusion criteria	TKA cases done that use the iTotal G2+
Exclusion criteria	(1) revision THA cases, (2) primary TKA cases not using the iTotal G2+, (3) UKA cases, (4) PFJ cases, (5) THA cases.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of iTTotal G2+ in primary TKA cases.

Description of figure	Utilization of the iTTotal G2+ over time. There are two lines: (1) entire set of hospitals (blue line), and (2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.
Inclusion criteria	All primary TKA cases, using the iTTotal G2+. The inclusion criterion is slightly different for the two (red and blue) lines: 5) Blue line. Inclusion is all primary TKA cases using the iTTotal between 2/15/2012 and 12/31/2019. 6) Red line. Inclusion is all primary TKA cases using the iTTotal between 1/1/2014 and 12/31/2019.
Exclusion criteria	revision TKA cases, (2) primary TKA cases not using the iTTotal G2+, (3) THA cases, (4) UKA, PFJ cases
Time window	Blue line: 2/15/2012 to 12/31/19 Red line: 1/1/2014 to 12/31/19

Section 3.3. UKA cases

Subsection 3.3.1 UKA descriptive statistics

Caption: Primary UKA cases over time

Description of figure	UKA primary and revision cases over time. There should be one line on this plot: number of primary UKA cases over time.
Inclusion criteria	All UKA cases
Exclusion criteria	(1) THA cases, (2) TKA cases, (3), PJF cases, (4) all revision knee cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary UKA cases.

Description of figure	Descriptive statistics for those patients having primary UKA.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) primary TKA cases, and (2) revision knee arthroplasty cases (TKA, PFJ, and UKA).
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary UKA cases by sex.

Description of figure	Pie chart showing distribution of UKA cases by sex.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) All THA cases, (2) revision UKA cases, (3) TKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Age distribution of primary UKA cases by sex.

Description of figure	Histogram showing percentage breakdown of UKA cases by sex over age. X-axis is age. Plot three lines: male, female, and unknown. Unknown may be so small we should exclude it (approx. 0.06% overall). Denominator for each line is the number of that sex. For example, the point at 20 years of age for males would be the number of males aged 20 divided by the total number of males.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) All THA cases, (2) revision UKA cases, (3) TKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary UKA cases by approach.

Description of figure	Percent of primary UKA cases using approach.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) UKA cases, (3) PFJ cases, (4) all revision knee cases.
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary UKA cases by diagnosis.

Description of figure	Percent of primary UKA cases by diagnosis.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) all revision knee cases.
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary UKA cases by ASA class.

Description of figure	Percent of primary UKA cases by ASA class.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) all revision knee cases.
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary UKA patients (first case) by thrombosis prophylaxis.

Description of figure	Percent of primary UKA patients (first case) by thrombosis pharmacoprophylaxis over time
Inclusion criteria	All primary UKA cases being the first primary UKA case for each patient over time
Exclusion criteria	(1) THA cases, (2) revision knees cases, (3) TKA cases, (4) PFJ cases, (5) primary UKA cases that are not the first primary UKA for the patient
Time window	2/15/12 to 12/31/19

Subsection 3.3.2 Most commonly used UKA implants

Caption: Ten most commonly used femoral components in primary UKA.

Description of figure	Ten most commonly used femoral components in primary UKA replacement.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) UKA cases, (4) PFJ cases, (5) all revision knee cases.
Time window	2/15/12 to 12/31/19

Caption: Ten most commonly used tibial components in primary UKA.

Description of figure	Ten most commonly used femoral components in primary TKA replacement.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) all revision knee cases.
Time window	2/15/2012 to 12/31/19

Caption: Ten most commonly used femoral/tibial component combinations in primary UKA.

Description of figure	Ten most commonly used femoral components in primary TKA replacement.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) all revision knee cases.
Time window	2/15/2012 to 12/31/19

Caption: Percentage of polyethylene inserts by type of polyethylene in primary UKA.

Description of figure	Percentage of polyethylene inserts by type of polyethylene in primary UKA.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) revision UKA cases, (3) TKA cases, (4) PFJ cases
Time window	2/15/2012 to 12/31/19

Subsection 3.3.3 Revision risk for UKA implant combinations

Caption: Reasons for first revision following primary UKA.

Description of figure	Reasons for first revision following primary UKA
Inclusion criteria	All first revision cases following primary UKA
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) TKA cases, (4) other knee cases, (5) primary knee cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following UKA in first year post-operatively.

Description of figure	Reasons for first revision following primary UKA for revisions occurring within 365 days of the primary procedure
Inclusion criteria	All first revision cases following primary UKA performed within 365 days of the primary procedure
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) TKA cases, (4) other knee cases, (5) primary knee cases, (6) revision performed more than 1 year later than primary
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following UKA in second year post-operatively.

Description of figure	Reasons for first revision following primary UKA for revisions occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases following primary UKA performed between 365.5 days and within 731 (≤ 731) days of the primary procedure
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) TKA cases, (4) other knee cases, (5) primary knee cases, (6) revision performed more than 1 year later than primary
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following UKA in third year post-operatively.

Description of figure	Reasons for first revision following primary UKA for revisions occurring within 731 days of the primary procedure
Inclusion criteria	All first revision cases following primary UKA performed between 731 days (>731) and within 1095 days (≤ 1095) of the primary procedure.
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) TKA cases, (4) other knee cases, (5) primary knee cases, (6) revision performed more than 1 year later than primary
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Most common reasons for first revision following primary UKA (Pareto chart).

Description of figure	Reasons for first revision following primary UKA
Inclusion criteria	All first revision cases following primary UKA
Exclusion criteria	(1) THA cases, (2) PFJ cases, (3) TKA cases, (4) other knee cases, (5) primary knee cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Cumulative percent revision for primary UKA.

Description of figure	Cumulative percent revision for primary UKA.
Inclusion criteria	All primary UKA cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) all revision knee cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary UKA (numerical values).

Description of figure	Cumulative percent revision for primary UKA.
Inclusion criteria	All primary UKA cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) all revision knee cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary UKA by sex for osteoarthritis diagnosis.

Description of figure	Cumulative percent revision for primary UKA by sex for OA diagnosis.
Inclusion criteria	All primary TKA cases having a diagnosis of OA in the data window, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) diagnosis other than OA, (2) TKA cases, (3) PFJ cases, (4) THA cases, (5) all revision knee cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary UKA by sex for osteoarthritis diagnosis (numerical values).

Description of figure	Cumulative percent revision for primary UKA by sex for OA diagnosis.
Inclusion criteria	All primary TKA cases having a diagnosis of OA in the data window, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) diagnosis other than OA, (2) TKA cases, (3) PFJ cases, (4) THA cases, (5) all revision knee cases. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision for femoral/tibial combinations in primary UKA having at least 500 cases, sorted alphabetically.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases.
Inclusion criteria	All primary UKA cases for implant combinations having at least 500 primary cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) not having at least 500 primary cases using each femoral/tibial component pair listed in the table. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Caption: Summary of cumulative percent revision for femoral/tibial combinations in primary UKA having at least 500 cases, sorted by 5-year cpr.

Description of figure	Summary of CPR for femoral/tibial combinations having at least 500 primary cases, sorted by 5-year cpr.
Inclusion criteria	All primary UKA cases for implant combinations having at least 500 primary cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) PFJ cases, (4) not having at least 500 primary cases using each femoral/tibial component pair listed in the table. Note: Revision cases don't have separate record in the wide format; the first revision data (event and time from primary) are included as data elements.
Time window	2/15/2012 to 12/31/19

Implant-specific revision risk

Text: This will just be text rather than a figure or table in UKA section

Description of figure	This will just be text rather than a figure or table. The text would be located in the right column to fill up some of the white space.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) TKA cases, (4) PFJ cases, (5) other
Time window	2/15/2012 to 12/31/19

Caption: Volume of primary cases by surgeon and site for the <Femur>/<Tibia> combination.

Description of figure	This will just be text rather than a figure or table. The text would be located in the right column to fill up some of the white space.
Inclusion criteria	All primary UKA cases
Exclusion criteria	(1) THA cases, (2) revision knee cases, (3) TKA cases, (4) PFJ cases, (5) other
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics on cases receiving <Femur>/<Tibia> combination in primary UKA.

Description of figure	Descriptive statistics for those patients having this femur/tibia combination.
Inclusion criteria	Primary UKA cases using this femur/tibia combination.
Exclusion criteria	(1) revision UKA cases, (2) primary UKA cases not using this femur/tibia combination, (3) TKA cases, (4) PFJ cases, (5) THA cases.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision curve for <Femur>/<Tibia> combination compared to all other implant combinations in primary UKA cases.

Description of figure	<p>This figure presents the cumulative percent revision (CPR), which is 100 minus the Kaplan-Meier estimate of survival curve for time-to-revision data for this implant. It presents two lines:</p> <ol style="list-style-type: none"> 1. CPR for femur/tibia combination under specific consideration (pink), with pink 95% confidence interval shading. 2. CPR for all TKA's (blue) not using this femur/tibia combination, with light blue 95% confidence interval shading. <p>Note: this means we are doing a comparison to all other UKA cases and not including TKA or PFJ cases in this comparison group.</p>
Inclusion criteria	<p>Line 1. Inclusion criteria for this line: primary UKA cases done that use the femur/tibia combination being presented. For example, if we are analyzing the Oxford 3/Oxford combination than for a case to be included it would need to have an Oxford 3 femoral component <i>and</i> Oxford tibial component and be a primary TKA.</p> <p>Line 2. Inclusion criteria for this line: primary UKA cases done that do not use the femur/tibia combination being presented.</p>
Exclusion criteria	<p>Line 1. Exclusion criteria for this line: (1) THA cases, (2) primary UKA cases not using this combination, (2) TKA cases, (3) PFJ cases.</p> <p>Line 2. Exclusion criteria for this line: (1) THA cases, (2) TKA cases, (3) PFJ cases, (4) UKA revision cases, (5) any primary UKA case that does not use either the femur or tibial components under consideration.</p>
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision and number at risk for <Femur>/<Tibia> combination in primary UKA cases.

Description of figure	This table gives the CPR for this femur/tibia combination at 1, 2, and 3 years. It also gives the number of cases, N.
Inclusion criteria	All primary UKA cases using this femur/tibia combination. Note first revision data (event and time-to-revision) are included as data elements.
Exclusion criteria	(1) THA cases, (2) UKA cases not using this femur/tibia combination, (3) TKA cases, (4) PFJ cases.
Time window	2/15/2012 to 12/31/19

Caption: Reasons for first revision following primary UKA for <Femur>/<Tibia> cases.

Description of figure	Reasons for first revision following primary UKA using this femur/tibia combination
Inclusion criteria	Primary UKA cases using this femur/tibia combination
Exclusion criteria	(1) all revision knee cases, (2) primary UKA cases not using this femur/tibia combination, (3) TKA cases, (4) PFJ cases, (5) THA cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/14 to 12/31/19 for 1 st revision.

Caption: Distribution of approach used for <Femur>/<Tibia> combination in primary UKA cases.

Description of figure	This table gives the percentage breakdown of approaches used for cases using this femur/tibia combination.
Inclusion criteria	Primary UKA cases using this femur/tibia combination.
Exclusion criteria	(1) revision UKA cases, (2) primary UKA cases not using this femur/tibia combination, (3) TKA cases, (4) PFJ cases, (5) THA cases.
Time window	2/15/2012 to 12/31/19

Caption: Distribution of polyethylene used for <Femur>/<Tibia> combination in primary UKA cases.

Description of figure	Describes the percentage of different types of polyethylene used with this femur/tibia combination that uses a polyethylene insert. There are three kinds: UHMWPE, XLPE, and Antioxidant XLPE.
Inclusion criteria	Primary UKA cases using this femur/tibia combination and a polyethylene liner.
Exclusion criteria	(1) revision UKA cases, (2) primary UKA cases not using this femur/tibia combination, (3) TKA cases, (4) PFJ cases, (5) THA cases, and (6) cases without polyethylene insert.
Time window	2/15/2012 to 12/31/19

Caption: Utilization of <Femur>/<Tibia> combination in primary UKA cases.

Description of figure	Utilization of this implant combination over time. There are two lines: (1) entire set of hospitals (blue line), and (2) a “stable cohort of hospitals” from 2014 through 2019 (red line). This cohort is the set of hospitals that joined MARCQI in 2012, 2013, or 2014 and remained in MARCQI through 2019.
Inclusion criteria	All primary UKA cases, using this implant combination. The inclusion criterion is slightly different for the two (red and blue) lines: 1) Blue line. Inclusion is all primary UKA cases using this implant combination between 2/15/2012 and 12/31/2019. 2) Red line. Inclusion is all primary UKA cases using this implant between 1/1/2014 and 12/31/2019.
Exclusion criteria	revision UKA cases, (2) primary UKA cases not using this implant combination, (3) THA cases, (4) TKA, PFJ cases
Time window	Blue line: 2/15/2012 to 12/31/19 Red line: 1/1/2014 to 12/31/19

Section 3.4. PFJ cases

Subsection 3.4.1 PFJ descriptive statistics

Caption: Primary PFJ cases over time

Description of figure	PFJ primary and revision cases over time. There should be one line on this plot: number of primary PFJ cases over time.
Inclusion criteria	All PFJ cases
Exclusion criteria	(1) THA cases, (2) TKA cases, (3), UKA cases, (4) all revision knee cases
Time window	2/15/2012 to 12/31/19

Caption: Descriptive statistics of primary PFJ cases.

Description of figure	Descriptive statistics for those patients having primary PFJ.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Capton: Percent of primary PFJ cases by sex.

Description of figure	Pie chart dhowing distribution of PFJ cases by sex.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Caption: Age distribution of primary PFJ cases by sex.

Description of figure	Histogram showing percentage breakdown of PFJ cases by sex over age. X-axis is age. Plot three lines: male, female, and unknown. Unknown may be so small we should exclude it (approx. 0.06% overall). Denominator for each line is the number of that sex. For example, the point at 20 years of age for males would be the number of males aged 20 divided by the total number of males.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary PFJ cases by approach.

Description of figure	Percent of primary PFJ cases using approach.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary PFJ cases by diagnosis.

Description of figure	Percent of primary PFJ cases by diagnosis.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary PFJ cases by ASA class.

Description of figure	Percent of primary PFJ cases by ASA class.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Caption: Percent of primary PFJ patients (first case) by thrombosis prophylaxis.

Description of figure	Percent of primary PFJ patients (first case) by thrombosis pharmacoprophylaxis over time
Inclusion criteria	All primary PFJ cases being the first primary PFJ case for each patient over time
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases, (5) primary PFJ cases that are not the first primary PFJ for the patient
Time window	2/15/12 to 12/31/19

Subsection 3.4.2 most commonly used PFJ implants

Caption: Ten most commonly used trochlear components in primary PFJ.

Description of figure	Ten most commonly used resurfacing trochlear components in primary PFJ replacement.
Inclusion criteria	All primary PFJ cases
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases
Time window	2/15/2012 to 12/31/19

Subsection 3.4.3. PFJ revision risk summary.

Caption: Reasons for first revision following primary PFJ.

Description of figure	Reasons for first revision following primary PFJ
Inclusion criteria	All first revision cases following primary PFJ
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) UKA cases, (4) primary PFJ knee cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following PFJ in first year post-operatively.

Description of figure	Reasons for first revision following primary PFJ for revisions occurring within 365 days of the primary procedure
Inclusion criteria	All first revision cases following primary PFJ performed within 365 days of the primary procedure
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) UKA cases, (4) primary PFJ knee cases, (5) revisions past 365 days
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following PFJ in second year post-operatively.

Description of figure	Reasons for first revision following primary PFJ for revisions occurring between 366 and 730 days of the primary procedure
Inclusion criteria	All first revision cases following primary PFJ performed between 366 days and within 731 (≤ 731) days of the primary procedure
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) UKA cases, (4) primary PFJ knee cases, (5) revisions performed between 0 and 365 days or after 730 days (>731 days)
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Reasons for first revision following PFJ in third year post-operatively.

Description of figure	Reasons for first revision following primary PFJ for revisions occurring within 731 days of the primary procedure
Inclusion criteria	All first revision cases following primary PFJ performed between 731 days (>731) and within 1095 days (≤ 1095) of the primary procedure.
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) UKA cases, (4) primary PFJ knee cases, (5) revisions occurring ≤ 730 days or >1095 days
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

**Caption: Most common reasons for first revision following primary PFJ
(Pareto chart)**

Description of figure	Reasons for first revision following primary PFJ
Inclusion criteria	All first revision cases following primary PFJ
Exclusion criteria	(1) THA cases, (2) TKA cases, (3) UKA cases, (4) primary PFJ knee cases
Time window	2/15/2012 to 12/31/19 for primary and 1/1/15 to 12/31/19 for 1 st revision.

Caption: Cumulative percent revision for primary PFJ.

Description of figure	Cumulative percent revision for primary PFJ
Inclusion criteria	All primary PFJ cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases.
Time window	2/15/2012 to 12/31/19

**Caption: Cumulative percent revision and number at risk for primary PFJ
(numerical values).**

Description of figure	Cumulative percent revision for primary PFJ
Inclusion criteria	All primary PFJ cases, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases.
Time window	2/15/2012 to 12/31/19

**Caption: Cumulative percent revision for primary PFJ by sex for OA
diagnosis**

Description of figure	Cumulative percent revision for primary PFJ by sex for OA diagnosis.
Inclusion criteria	All primary PFJ cases having a diagnosis of OA in the data window, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases, (5) diagnosis other than OA.
Time window	2/15/2012 to 12/31/19

Caption: Cumulative percent revision for primary PFJ by sex for OA diagnosis numerical values

Description of figure	Cumulative percent revision for primary PFJ by sex for OA diagnosis.
Inclusion criteria	All primary PFJ cases having a diagnosis of OA in the data window, with notation of whether a first revision occurred and the time-to-first-revision data.
Exclusion criteria	(1) THA cases, (2) revision knee (TKA, UKA, PFJ) cases, (3) primary UKA cases, (4) primary TKA cases (5) diagnosis other than OA
Time window	2/15/2012 to 12/31/19

CATALOG NUMBERS OF IMPLANTS IN MARCQI DATABASE FOR KNEE CASES

Catalog numbers used in the analysis of the Attune/Attune combination.

150400107 - 150600007	150410208 - 150600007	150410126 - 150670005
150400207 - 150600007	150410226 - 150600004	150410204 - 150610004
150400205 - 150600005	150400226 - 150670005	150410107 - 150610006
150400208 - 150600008	150400108 - 150600007	150410207 - 150600005
150400105 - 150600005	150410106 - 150610006	150400124 - 150600003
150400106 - 150600006	150410108 - 150600008	150410206 - 150610005
150400108 - 150600008	150410125 - 150600004	150410225 - 150610004
150400226 - 150600005	150400205 - 150670005	150400207 - 150670006
150400125 - 150600004	150410205 - 150600005	150410125 - 150610004
150400126 - 150600005	150400107 - 150600008	150400126 - 150600004
150400206 - 150600006	150410208 - 150600008	150400107 - 150670006
150400225 - 150600004	150410208 - 150610008	150400204 - 150670004
150400204 - 150600004	150400106 - 150670006	150400208 - 150600009
150410205 - 150610005	150400206 - 150670006	150410108 - 150610007
150410105 - 150610005	150410108 - 150600007	150410126 - 150610005
150400104 - 150600004	150410207 - 150600007	150410205 - 150610004
150400107 - 150670007	150410225 - 150600004	150400205 - 150600006
150400207 - 150600006	150410226 - 150610005	150400104 - 150600003
150410206 - 150610006	150400208 - 150600007	150400204 - 150600003
150410207 - 150610007	150410107 - 150600007	150400224 - 150600004
150400105 - 150600004	150400105 - 150670005	150410105 - 150600004
150400207 - 150670007	150400106 - 150600007	150410206 - 150670005
150410226 - 150600005	150410106 - 150600005	150410207 - 150670006
150400207 - 150600008	150410126 - 150600004	150410208 - 150610007
150410126 - 150600005	150410106 - 150600006	150410208 - 150670008
150400205 - 150600004	150410206 - 150600005	150400209 - 150600008
150410207 - 150600006	150410108 - 150610008	150410107 - 150600005
150410107 - 150600006	150400209 - 150600009	150410226 - 150610004
150400206 - 150600005	150410106 - 150610005	150410226 - 150670005
150400106 - 150600005	150400206 - 150600007	150400225 - 150670005
150400226 - 150600006	150410104 - 150610004	150400226 - 150600004
150400125 - 150600005	150400126 - 150670005	150410107 - 150670006
150400108 - 150670008	150400224 - 150600003	150410209 - 150600008
150400126 - 150600006	150400225 - 150670004	150400108 - 150600009
150400208 - 150670008	150410207 - 150610006	150410104 - 150600004
150400225 - 150600005	150400109 - 150600009	150410207 - 150670007
150410107 - 150610007	150400125 - 150670004	150400107 - 150670008
150410206 - 150600006	150410105 - 150610004	150400124 - 150600004
150400107 - 150600006	150410105 - 150600005	150400125 - 150670005

150400207 - 150670008	150410205 - 150610006	150400225 - 150670003
150410106 - 150670005	150410226 - 150670004	150410104 - 150610005
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150410109 - 150600009	150410108 - 150670008	150410207 - 150600008
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150400206 - 150670005	150410224 - 150600003	150400209 - 150600010
150400206 - 150670007	150410226 - 150600006	150410104 - 150670004
150400209 - 150670009	150400106 - 150670005	150410106 - 150670007
150410105 - 150680005	150400124 - 150670003	150410107 - 150610008
150410206 - 150680006	150400207 - 150600005	150410108 - 150680007
150410207 - 150680007	150410104 - 150600003	150410109 - 150670008
150410208 - 150600006	150410105 - 150670005	150410204 - 150680003
150410208 - 150670007	150410125 - 150600005	150410204 - 150680004
150410225 - 150600005	150410207 - 150610008	150410207 - 150670005
150410225 - 150680003	150410224 - 150610003	150410208 - 150600009
150400109 - 150600008	150410226 - 150680004	150410209 - 150670008
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150400203 - 150600003	150400204 - 150600005	150410226 - 150610006
150410124 - 150600003	150410106 - 150680005	150400109 - 150600010
150410205 - 150680005	150410106 - 150680006	150400205 - 150670006
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150410225 - 150610005	150410108 - 150680008	150410107 - 150670005
150410225 - 150670004	150400106 - 150670007	150410108 - 150680006
150400104 - 150670004	150400224 - 150670003	150410109 - 150610008
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150400105 - 150670004	150410126 - 150600006	150410206 - 150610007
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150410108 - 150670007	150410205 - 150670004	150410210 - 150600009
150410125 - 150680003	150410225 - 150670003	150400104 - 150610004
150410126 - 150670004	150400226 - 150670006	150400110 - 150670010
150410225 - 150610003	150410204 - 150600004	150400203 - 150600004
150400103 - 150600003	150410205 - 150680004	150400203 - 150670003
150400105 - 150600006	150400108 - 150670009	150400206 - 150600004
150400108 - 150670007	150400208 - 150670007	150400208 - 150600006
150400109 - 150670009	150400210 - 150600010	150400208 - 150670009
150400126 - 150670006	150410105 - 150670004	150400209 - 150670008
150410125 - 150600003	150410226 - 150680005	150400226 - 150670004
150410125 - 150680004	150400205 - 150670004	150410104 - 150610003

150410104 - 150680004	150400107 - 150670005	150410210 - 150670010
150410105 - 150680004	150400108 - 150610008	150410224 - 150610004
150410106 - 150600007	150400123 - 150600003	150410224 - 150670003
150410106 - 150610007	150400203 - 150600002	150410226 - 150640005
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150410204 - 150600005	150410124 - 150600004	150400204 - 150670005
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150410207 - 150680008	150410225 - 150680005	150400210 - 150670010
150410208 - 150610006	150410226 - 150670006	150410103 - 150600003
150410208 - 150680007	150410226 - 150680006	150410103 - 150600004
150410209 - 150600010	150400103 - 150600004	150410103 - 150610004
150410224 - 150600004	150400106 - 150600004	150410103 - 150670003
150400103 - 150670003	150400108 - 150600010	150410104 - 150680005
150400105 - 150670006	150400124 - 150670004	150410105 - 150600006
150400110 - 150600010	150400206 - 150680006	150410105 - 150610003
150400126 - 150670004	150400207 - 150610007	150410108 - 150670009
150400207 - 150670005	150400207 - 150680006	150410109 - 150610007
150410104 - 150670003	150400208 - 150680008	150410109 - 150640008
150410104 - 150680003	150400210 - 150670009	150410109 - 150670007
150410105 - 150610006	150400223 - 150600003	150410109 - 150670010
150410105 - 150680006	150410103 - 150610002	150410109 - 150680007
150410106 - 150600004	150410103 - 150610003	150410109 - 150680008
150410106 - 150670004	150410107 - 150640007	150410110 - 150600010
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150410108 - 150610009	150410109 - 150600007	150410125 - 150680005
150410203 - 150610003	150410109 - 150600010	150410126 - 150670006
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150410208 - 150610009	150410205 - 150680006	150410206 - 150640005
150410209 - 150600007	150410206 - 150600004	150410207 - 150680005
150410209 - 150670009	150410206 - 150670007	150410208 - 150670009
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150410226 - 150640004	150410208 - 150670006	150410210 - 150600010
150400106 - 150600008	150410209 - 150640008	150410223 - 150600002

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150410224 - 150680004	150410105 - 150670006	150400104 - 150600007
150410225 - 150640004	150410106 - 150610008	150400105 - 150610006
150410225 - 150660004	150410106 - 150640006	150400105 - 150670001
150410225 - 150670005	150410106 - 150680007	150400105 - 150670007
150440105 - 150660003	150410107 - 150610009	150400107 - 150610005
150440106 - 150660005	150410107 - 150680008	150400107 - 150610008
150400103 - 150600002	150410108 - 150640007	150400107 - 150640005
150400103 - 150670004	150410108 - 150680009	150400107 - 150640006
150400105 - 150600007	150410110 - 150610009	150400107 - 150670009
150400105 - 150640005	150410110 - 150610010	150400107 - 150680006
150400105 - 150680004	150410123 - 150680001	150400107 - 150680008
150400105 - 150680005	150410124 - 150600005	150400108 - 150670006
150400106 - 150640007	150410124 - 150680004	150400108 - 150680009
150400106 - 150670004	150410125 - 150640004	150400109 - 150640007
150400107 - 150610006	150410125 - 150670005	150400109 - 150670007
150400107 - 150640007	150410126 - 150660005	150400124 - 150600002
150400107 - 150680007	150410204 - 150670005	150400124 - 150610004
150400108 - 150680007	150410204 - 150680005	150400124 - 150610005
150400109 - 150670010	150410205 - 150640004	150400125 - 150600006
150400110 - 150670009	150410205 - 150670003	150400125 - 150640005
150400123 - 150600002	150410205 - 150680003	150400125 - 150670006
150400125 - 150640004	150410206 - 150600008	150400126 - 150600007
150400125 - 150670003	150410206 - 150680007	150400126 - 150610007
150400125 - 150680004	150410206 - 150680008	150400126 - 150640005
150400126 - 150610005	150410207 - 150640007	150400126 - 150670007
150400126 - 150640006	150410208 - 150640008	150400126 - 150680005
150400203 - 150610003	150410209 - 150610007	150400202 - 150600001
150400204 - 150680005	150410209 - 150610010	150400202 - 150670001
150400205 - 150600007	150410209 - 150670007	150400202 - 150670003
150400205 - 150640005	150410209 - 150680007	150400203 - 150670004
150400206 - 150610006	150410209 - 150680008	150400203 - 150670007
150400206 - 150640005	150410210 - 150600008	150400203 - 150680004
150400206 - 150670004	150410210 - 150610008	150400204 - 150600006
150400208 - 150600010	150410223 - 150600003	150400204 - 150680004
150400209 - 150600007	150410223 - 150610003	150400205 - 150680004
150400223 - 150670003	150410223 - 150680002	150400205 - 150680006
150400224 - 150610004	150410224 - 150600002	150400206 - 150610005
150400225 - 150610004	150410224 - 150670004	150400206 - 150610007
150400225 - 150640004	150410224 - 150680002	150400206 - 150640007
150400226 - 150610006	150440106 - 150660006	150400206 - 150670008
150401107 - 150611008	150440107 - 150660006	150400206 - 150680005
150410103 - 150680003	150440108 - 150660007	150400206 - 150680008
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150410105 - 150640004	150440208 - 150660007	150400207 - 150600009
150410105 - 150640005	150400102 - 150600001	150400207 - 150610005

150400207 - 150610008	150410108 - 150680010	150410207 - 150611008
150400207 - 150640006	150410109 - 150610010	150410207 - 150670004
150400207 - 150640007	150410110 - 150600008	150410208 - 150600010
150400207 - 150680007	150410110 - 150600009	150410208 - 150640006
150400207 - 150680008	150410123 - 150600002	150410208 - 150660006
150400208 - 150610006	150410123 - 150600003	150410208 - 150660007
150400208 - 150610007	150410123 - 150610002	150410208 - 150660008
150400208 - 150640006	150410123 - 150610003	150410208 - 150670010
150400209 - 150610008	150410123 - 150670002	150410208 - 150680006
150400209 - 150670010	150410123 - 150670003	150410208 - 150680009
150400209 - 150680009	150410123 - 150680002	150410209 - 150600101
150400210 - 150600009	150410124 - 150600002	150410210 - 150610010
150400223 - 150670002	150410124 - 150640003	150410210 - 150640008
150400224 - 150600002	150410124 - 150660003	150410210 - 150670008
150400225 - 150680004	150410124 - 150670004	150410210 - 150680010
150400226 - 150600007	150410124 - 150680002	150410223 - 150670002
150400226 - 150610004	150410125 - 150600006	150410223 - 150670003
150400226 - 150640005	150410125 - 150660003	150410224 - 150610005
150400226 - 150640006	150410126 - 150610003	150410224 - 150660004
150400226 - 150680005	150410126 - 150640006	150410225 - 150610002
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150401206 - 150611007	150410202 - 150640003	150410225 - 150660003
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150410102 - 150680002	150410203 - 150600004	150410226 - 150660005
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150410104 - 150670002	150410203 - 150680002	150440105 - 150670005
150410104 - 150680006	150410203 - 150680003	150440106 - 150640004
150410105 - 150600007	150410203 - 150680004	150440106 - 150660004
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150410106 - 150610004	150410204 - 150680006	150440107 - 150660005
150410106 - 150660006	150410205 - 150600003	150440107 - 150660007
150410106 - 150680004	150410205 - 150600007	150440107 - 150670006
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150410107 - 150680009	150410205 - 150640005	150440206 - 150660005
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150410108 - 150600010	150410206 - 150610008	150440207 - 150660004
150410108 - 150610010	150410206 - 150660005	150440207 - 150660005
150410108 - 150660006	150410206 - 150670008	150440208 - 150660008
150410108 - 150660008	150410207 - 150600009	

Catalog numbers used in the analysis of the Attune/Attune femoral component.

150400207	150410225	150410223
150400107	150410125	150410123
150410207	150400204	150400123
150410107	150400104	150400223
150400106	150410104	150440106
150410206	150410209	150400202
150400206	150400209	150440107
150400205	150410204	150440207
150400208	150410109	150440105
150400105	150400224	150410102
150410226	150400109	150440108
150400108	150400124	150440206
150410108	150410224	150440208
150410208	150410124	150400102
150400226	150400203	150401107
150410106	150400103	150440205
150410205	150410210	150401205
150400125	150410103	150401206
150400126	150410203	150410202
150410126	150400210	
150410105	150400110	
150400225	150410110	

Catalog numbers used in the analysis of the Attune/Attune tibia component.

150600005	150680004	150660005
150600004	150680006	150670002
150600006	150610003	150680002
150600007	150670009	150660004
150600008	150680003	150610010
150670005	150680007	150660003
150610005	150600010	150660007
150600003	150680008	150660008
150670006	150640005	150611008
150670007	150610009	150640003
150670004	150670010	150680001
150610004	150640006	150600001
150610006	150600002	150670001
150670008	150640004	150680010
150610007	150610002	150600101
150600009	150680009	150611004
150610008	150640007	150611007
150670003	150640008	150660002
150680005	150660006	

Catalog numbers used in the analysis of the Evolution MP/Evolution MP combination.

EFSRN4PR - ETPKN4SR	EFSRP6PR - ETPK1556	EFSRN2PL - ETPKN2SL
EFSRN5PR - ETPKN5SR	EFSRN7PL - ETPKN6SL	EFSRP3PR - ETPLB4SR
EFSRN4PL - ETPKN4SL	EFSRP4PL - ETPK1534	EFSRP5PL - ETPK1534
EFSRN5PL - ETPKN5SL	EFSRP4PR - ETPK1534	EFSRP5PL - ETPLB4SL
EFSRN6PR - ETPKN6SR	EFSRP5PR - ETPLB6SR	EFSRP7PR - ETPK1556
EFSRN6PL - ETPKN6SL	EFSRP6PL - ETPLB6SL	EFSRP7PR - ETPLB6SR
EFSRN7PR - ETPKN7SR	EFSRP6PL - ETPLB5SL	EFPSN6PL - ETPKN5SL
EFSRN5PR - ETPKN4SR	EFSRP7PL - ETPLB8SL	EFPSN6PR - ETPKN5SR
EFSRN5PL - ETPKN4SL	EFSRP5PL - ETPLB6SL	EFPSN7PR - ETPKN7SR
EFSRN7PL - ETPKN7SL	EFSRP7PL - ETPK1578	EFSRN2PR - ETPKN2PR
EFSRN3PL - ETPKN3SL	EFSRN8PL - ETPKN7SL	EFSRN4PR - ETRKN4SR
EFSRN4PR - ETPKN5SR	EFSRP3PL - ETPLB4SL	EFSRP3PL - ETPLB3SL
EFSRN3PR - ETPKN3SR	EFSRP4PR - ETPLB5SR	EFPSN5PL - ETPKN6SL
EFSRN6PR - ETPKN6PR	EFSRP7PR - ETPLB8SR	EFPSN6PL - ETPKN6PL
EFSRN6PL - ETPKN6PL	EFSRP6PL - ETPK1578	EFPSN6PL - ETPKN6SL
EFSRN5PL - ETPKN6SL	EFSRP3PR - ETPLB3SR	EFPSN6PR - ETPKN6PR
EFSRN5PR - ETPKN6SR	EFSRP4PL - ETPLB4SL	EFSRN2PR - ETPKN2SR
EFSRN4PL - ETPKN5SL	EFSRP8PL - ETPK1578	EFSRN3PR - ETPKN2SR
EFSRN3PL - ETPKN4SL	EFPSN5PL - ETPKN5SL	EFSRN5PL - ETPKN6PL
EFSRN3PR - ETPKN4SR	EFSRN2PL - ETPKN2PL	EFSRP2PL - ETPLB2PL
EFSRN6PL - ETPKN5SL	EFSRP4PL - ETPK1556	EFSRP4PR - ETPLB3SR
EFSRP5PR - ETPLB5SR	EFSRP4PR - ETPK1556	EFSRP5PL - ETPLB6PL
EFSRN6PR - ETPKN5SR	EFSRP6PR - ETPLB5SR	EFSRP7PL - ETPK1556
EFSRP5PL - ETPLB5SL	EFSRP8PL - ETPLB8SL	EFSRP8PR - ETPLB7SR
EFSRN7PR - ETPKN8SR	EFSRP8PR - ETPLB8SR	EFPSN2PR - ETPKN2PR
EFSRN4PL - ETPKN3SL	EFPSN4PL - ETPKN4SL	EFPSN3PR - ETPKN3SR
EFSRP7PR - ETPLB7SR	EFSRP3PR - ETPK1534	EFPSN3PR - ETPKN4SR
EFSRP4PR - ETPLB4SR	EFSRP5PR - ETPLB4SR	EFPSN5PR - ETPKN6SR
EFSRP5PL - ETPK1556	EFPSN7PL - ETPKN7SL	EFPSN6PR - ETPKN6SR
EFSRN7PR - ETPKN6SR	EFSRN8PL - ETPKN8PL	EFPSN7PL - ETPKN6SL
EFSRN4PR - ETPKN3SR	EFSRN8PR - ETPKN8PR	EFPSN7PL - ETPKN8SL
EFSRN7PL - ETPKN8SL	EFSRP3PL - ETPK1534	EFPSN7PR - ETPKN6SR
EFSRP4PL - ETPLB5SL	EFSRP6PR - ETPK1578	EFPSN8PL - ETPKN8SL
EFSRP7PL - ETPLB7SL	EFSRP8PR - ETPK1578	EFPSN8PR - ETPKN7SR
EFSRP5PR - ETPK1556	EFPSN4PL - ETPKN5SL	EFPSN8PR - ETPKN8SR
EFSRP6PR - ETPLB6SR	EFSRN8PR - ETPKN7SR	EFSRN3PL - ETPKN2SL
EFSRN8PR - ETPKN8SR	EFSRP5PR - ETPK1534	EFSRN4PL - ETRKN4SL
EFSRP6PR - ETPLB6PR	EFSRP7PL - ETPLB6SL	EFSRN4PR - ETRKN3SR
EFSRP6PL - ETPK1556	EFPSN4PR - ETPKN4SR	EFSRN5PL - ETRKN6SL
EFSRP7PR - ETPK1578	EFPSN4PR - ETPKN5SR	EFSRN6PL - ETRKN5SL
EFSRN8PL - ETPKN8SL	EFPSN5PL - ETPKN4SL	EFSRN6PL - ETRKN6SL
EFSRP6PL - ETPLB6PL	EFPSN5PR - ETPKN5SR	EFSRN6PR - ETPKN7SR

EFSRN6PR - ETRKN6SR
EFSRN7PL - ETPKN8PL
EFSRP2PL - ETPK1534

EFSRP4PR - ETPKN5SR
EFSRP5PL - ETPKN5SL
EFSRP5PL - ETPSB5SL

EFSRP5PR - ETPK1578
EFSRP8PL - ETPLB7SL

Catalog numbers used in the analysis of the Evolution MP/Evolution MP femoral component.

EFSRN5PR	EFSRP4PR	EFPSN7PL
EFSRN5PL	EFSRP7PR	EFPSN6PL
EFSRN4PR	EFSRP7PL	EFPSN6PR
EFSRN4PL	EFSRP4PL	EFPSN5PR
EFSRN6PR	EFSRN8PL	EFSRN2PR
EFSRN6PL	EFSRN8PR	EFPSN7PR
EFSRN7PR	EFSRP3PL	EFSRP2PL
EFSRN3PL	EFSRP3PR	EFPSN3PR
EFSRN7PL	EFSRP8PL	EFPSN8PR
EFSRN3PR	EFSRP8PR	EFPSN2PR
EFSRP5PR	EFPSN5PL	EFPSN8PL
EFSRP5PL	EFPSN4PL	
EFSRP6PL	EFSRN2PL	
EFSRP6PR	EFPSN4PR	

Catalog numbers used in the analysis of the Evolution MP/Evolution MP tibia component.

ETPKN4SR	ETPK1534	ETPKN8PR
ETPKN4SL	ETPKN8SR	ETPKN2SL
ETPKN5SR	ETPKN8SL	ETPKN2PR
ETPKN5SL	ETPLB6SR	ETPKN2SR
ETPKN6SR	ETPLB4SR	ETPLB3SL
ETPKN6SL	ETPLB6SL	ETRKN4SR
ETPKN7SR	ETPLB7SR	ETPLB2PL
ETPK1556	ETPLB4SL	ETRKN6SL
ETPKN3SL	ETPLB7SL	ETPSB5SL
ETPKN7SL	ETPLB8SL	ETRKN3SR
ETPKN3SR	ETPLB8SR	ETRKN4SL
ETPKN6PR	ETPLB6PR	ETRKN5SL
ETPK1578	ETPLB6PL	ETRKN6SR
ETPLB5SL	ETPLB3SR	
ETPKN6PL	ETPKN2PL	
ETPLB5SR	ETPKN8PL	

Catalog numbers used in the analysis of the Genesis II/Genesis II combination.

71420152 - 71420184	71420124 - 71420190	71420094 - 71420191
71420136 - 71420166	71421117 - 71420190	71420100 - 71420164
71420138 - 71420168	71420076 - 71420170	71420106 - 71420168
71420136 - 71420168	71420122 - 71420186	71420118 - 71420180
71420154 - 71420186	71420156 - 71420191	71420118 - 71420182
71420008 - 71420168	71421115 - 71420184	71420122 - 71420184
71420022 - 71420184	71420012 - 71420170	71420132 - 71420162
71420026 - 71420188	71420022 - 71420186	71420136 - 71420170
71420010 - 71420170	71420028 - 71420191	71420138 - 71420172
71420156 - 71420190	71420074 - 71420168	71420148 - 71420182
71420012 - 71420172	71420074 - 71420170	71420156 - 71420186
71420134 - 71420164	71420088 - 71420186	71421014 - 71420164
71420140 - 71420172	71420092 - 71420188	71421016 - 71420170
71420150 - 71420182	71420102 - 71420164	71421113 - 71420180
71420138 - 71420170	71421015 - 71420166	71421115 - 71420186
71420024 - 71420184	71421016 - 71420168	71421116 - 71420190
71420022 - 71420182	71420010 - 71420172	71421118 - 71420191
71420024 - 71420186	71420104 - 71420164	71420008 - 71420164
71420154 - 71420188	71420120 - 71420184	71420024 - 71420182
71420006 - 71420166	71420124 - 71420188	71420030 - 71420190
71420006 - 71420164	71420154 - 71420190	71420070 - 71420166
71420152 - 71420186	71421114 - 71420182	71420084 - 71420182
71420140 - 71420170	71420012 - 71420174	71420088 - 71420182
71420008 - 71420166	71420138 - 71420166	71420092 - 71420190
71420088 - 71420184	71420148 - 71420180	71420108 - 71420172
71420026 - 71420190	71420152 - 71420182	71420110 - 71420174
71420140 - 71420174	71421016 - 71420166	71420116 - 71420180
71420010 - 71420168	71421017 - 71420172	71420132 - 71420164
71420028 - 71420190	71421116 - 71420186	71421015 - 71420170
71420072 - 71420166	71421117 - 71420188	71421017 - 71420170
71420086 - 71420182	71420014 - 71420174	71421116 - 71420184
71420004 - 71420164	71420028 - 71420188	71421116 - 71420188
71420020 - 71420182	71420076 - 71420172	71930008 - 71420174
71420026 - 71420186	71420090 - 71420188	71420006 - 71420162
71420104 - 71420166	71420106 - 71420170	71420010 - 71420166
71420134 - 71420166	71420108 - 71420170	71420010 - 71423116
71420150 - 71420184	71420120 - 71420182	71420014 - 71420172
71420136 - 71420164	71420122 - 71420188	71420020 - 71420180
71420090 - 71420186	71420158 - 71420190	71420024 - 71420188
71420154 - 71420184	71421015 - 71420164	71420030 - 71420191
71420156 - 71420188	71421115 - 71420182	71420072 - 71420164
71420070 - 71420164	71420004 - 71420162	71420074 - 71420166
71420142 - 71420172	71420006 - 71420168	71420086 - 71420184
71420142 - 71420174	71420008 - 71420170	71420088 - 71420188
71420158 - 71420191	71420076 - 71420174	71420090 - 71420184
71420072 - 71420168	71420094 - 71420190	71420092 - 71420191

71420102 - 71420162	71420134 - 71420168	71421018 - 71420172
71420102 - 71420166	71420140 - 71420168	71421018 - 71420174
71420104 - 71420168	71420150 - 71420180	71421113 - 71420176
71420106 - 71420166	71420150 - 71420186	71421114 - 71420180
71420110 - 71420172	71420152 - 71420188	71421114 - 71420184
71420116 - 71420182	71420154 - 71420191	71421115 - 71420188
71420118 - 71420184	71421013 - 71420162	71421118 - 71420190
71420122 - 71420182	71421014 - 71420162	71930007 - 71420174
71420124 - 71420186	71421014 - 71420166	71930009 - 71420191
71420126 - 71420191	71421015 - 71420168	
71420134 - 71420162	71421017 - 71420174	

Catalog numbers used in the analysis of the Genesis II/Genesis II femoral component.

71420136	71420090	71420118
71420152	71420122	71420094
71420154	71420124	71420108
71420138	71421115	71420014
71420140	71420074	71420132
71420022	71420076	71421014
71420026	71420086	71421113
71420008	71421016	71421118
71420024	71420020	71420030
71420010	71420158	71420100
71420156	71421015	71420110
71420006	71421117	71420116
71420134	71420070	71420084
71420150	71421116	71421018
71420012	71420092	71930008
71420088	71420120	71420126
71420028	71420102	71421013
71420072	71420106	71930007
71420104	71420148	71930009
71420142	71421017	
71420004	71421114	

Catalog numbers used in the analysis of the Genesis II/Genesis II tibia component.

71420184	71420170	71420190
71420168	71420164	71420172
71420166	71420182	71420174
71420186	71420188	71420191

71420180
71420162

71420176
71423116

Catalog numbers used in the analysis of the Genesis II (CoCr)/Genesis II combination.

71420008 - 71420168	71420074 - 71420170	71420070 - 71420166
71420022 - 71420184	71420088 - 71420186	71420084 - 71420182
71420026 - 71420188	71420092 - 71420188	71420088 - 71420182
71420010 - 71420170	71420102 - 71420164	71420092 - 71420190
71420012 - 71420172	71420010 - 71420172	71420108 - 71420172
71420024 - 71420184	71420104 - 71420164	71420110 - 71420174
71420022 - 71420182	71420120 - 71420184	71420116 - 71420180
71420024 - 71420186	71420124 - 71420188	71420006 - 71420162
71420006 - 71420166	71420012 - 71420174	71420010 - 71420166
71420006 - 71420164	71420014 - 71420174	71420010 - 71423116
71420008 - 71420166	71420028 - 71420188	71420014 - 71420172
71420088 - 71420184	71420076 - 71420172	71420020 - 71420180
71420026 - 71420190	71420090 - 71420188	71420024 - 71420188
71420010 - 71420168	71420106 - 71420170	71420030 - 71420191
71420028 - 71420190	71420108 - 71420170	71420072 - 71420164
71420072 - 71420166	71420120 - 71420182	71420074 - 71420166
71420086 - 71420182	71420122 - 71420188	71420086 - 71420184
71420004 - 71420164	71420004 - 71420162	71420088 - 71420188
71420020 - 71420182	71420006 - 71420168	71420090 - 71420184
71420026 - 71420186	71420008 - 71420170	71420092 - 71420191
71420104 - 71420166	71420076 - 71420174	71420102 - 71420162
71420090 - 71420186	71420094 - 71420190	71420102 - 71420166
71420070 - 71420164	71420094 - 71420191	71420104 - 71420168
71420072 - 71420168	71420100 - 71420164	71420106 - 71420166
71420124 - 71420190	71420106 - 71420168	71420110 - 71420172
71420076 - 71420170	71420118 - 71420180	71420116 - 71420182
71420122 - 71420186	71420118 - 71420182	71420118 - 71420184
71420012 - 71420170	71420122 - 71420184	71420122 - 71420182
71420022 - 71420186	71420008 - 71420164	71420124 - 71420186
71420028 - 71420191	71420024 - 71420182	71420126 - 71420191
71420074 - 71420168	71420030 - 71420190	

Catalog numbers used in the analysis of the Genesis II (CoCr)/Genesis II femoral component.

71420022
71420026
71420008

71420024
71420010
71420006

71420012
71420088
71420028

71420072	71420020	71420014
71420104	71420070	71420030
71420004	71420092	71420100
71420090	71420120	71420110
71420122	71420102	71420116
71420124	71420106	71420084
71420074	71420118	71420126
71420076	71420094	
71420086	71420108	

Catalog numbers used in the analysis of the Genesis II (CoCr)/Genesis II tibia component.

71420184	71420170	71420180
71420166	71420188	71420162
71420186	71420190	71423116
71420168	71420172	
71420182	71420174	
71420164	71420191	

Catalog numbers used in the analysis of the Genesis II (Oxinium)/Genesis II combination.

71420152 - 71420184	71420158 - 71420191	71420148 - 71420182
71420136 - 71420166	71421117 - 71420190	71420156 - 71420186
71420138 - 71420168	71420156 - 71420191	71421014 - 71420164
71420136 - 71420168	71421115 - 71420184	71421016 - 71420170
71420154 - 71420186	71421015 - 71420166	71421113 - 71420180
71420156 - 71420190	71421016 - 71420168	71421115 - 71420186
71420134 - 71420164	71420154 - 71420190	71421116 - 71420190
71420140 - 71420172	71421114 - 71420182	71421118 - 71420191
71420150 - 71420182	71420138 - 71420166	71420132 - 71420164
71420138 - 71420170	71420148 - 71420180	71421015 - 71420170
71420154 - 71420188	71420152 - 71420182	71421017 - 71420170
71420152 - 71420186	71421016 - 71420166	71421116 - 71420184
71420140 - 71420170	71421017 - 71420172	71421116 - 71420188
71420140 - 71420174	71421116 - 71420186	71930008 - 71420174
71420134 - 71420166	71421117 - 71420188	71420134 - 71420162
71420150 - 71420184	71420158 - 71420190	71420134 - 71420168
71420136 - 71420164	71421015 - 71420164	71420140 - 71420168
71420154 - 71420184	71421115 - 71420182	71420150 - 71420180
71420156 - 71420188	71420132 - 71420162	71420150 - 71420186
71420142 - 71420172	71420136 - 71420170	71420152 - 71420188
71420142 - 71420174	71420138 - 71420172	71420154 - 71420191

71421013 - 71420162	71421018 - 71420172	71421115 - 71420188
71421014 - 71420162	71421018 - 71420174	71421118 - 71420190
71421014 - 71420166	71421113 - 71420176	71930007 - 71420174
71421015 - 71420168	71421114 - 71420180	71930009 - 71420191
71421017 - 71420174	71421114 - 71420184	

Catalog numbers used in the analysis of the Genesis II (Oxinium)/Genesis II femoral component.

71420136	71421016	71421113
71420152	71420158	71421118
71420154	71421015	71421018
71420138	71421117	71930008
71420140	71421116	71421013
71420156	71420148	71930007
71420134	71421017	71930009
71420150	71421114	
71420142	71420132	
71421115	71421014	

Catalog numbers used in the analysis of the Genesis II (Oxinium)/Genesis II tibia component.

71420184	71420164	71420180
71420168	71420172	71420162
71420166	71420182	71420176
71420186	71420188	
71420170	71420174	
71420190	71420191	

Catalog numbers used in the analysis of the iTotal combination.

The iTotal implant catalog numbers are handled differently from other implants because they are shipped to the hospital as a kit after custom fabrication. Therefore, we did not separate out femoral and tibial components. An iTotal case was identified if the case record contained (A) one of the catalog numbers listed below or (B) a catalog number of an iTotal patella and either an insert or assembly. We did not include cases that had only a patalla catalog number. Since this template includes only femoral and tibial component catalog numbers, there may be cases satisfying condition (B) that are not defined here.

M57250600010FI	M57250600030FI	TCR1111111TT
M57250600010TT	M57250600030TT	TPS1111111FI
M57250600020FI	TCR111111102	TPS1111111TT
M57250600020TT	TCR1111111FI	

Catalog numbers used in the analysis of the iTotal G2+ combination.

According to ConforMIS, there have been multiple versions of the iTotal. The G2+ is the only version that meets the 500 case threshold for inclusion in the annual report. The catalog numbers associated with these cases were:

M57250600010FI	M57250600030TT	TPS1111111TT
M57250600010TT	TCR111111102	
M57250600020FI	TCR1111111FI	
M57250600020TT	TCR1111111TT	
M57250600030FI	TPS1111111FI	

Catalog numbers used in the analysis of the Journey II/Journey combination.

74022114 - 74022213	74022114 - 74022212	74024926 - 74022225
74022115 - 74022214	74022117 - 74022215	74021163 - 74022222
74022116 - 74022215	74024215 - 74022214	74024215 - 74022213
74022124 - 74022223	74021154 - 74022214	74024926 - 74022224
74022126 - 74022225	74021164 - 74022224	74021163 - 74022223
74022115 - 74022213	74021155 - 74022215	74021166 - 74022224
74022117 - 74022216	74021166 - 74022225	74024216 - 74022214
74022127 - 74022226	74021167 - 74022226	74024216 - 74022215
74022115 - 74022215	74021156 - 74022215	74021156 - 74022214
74022118 - 74022217	74021157 - 74022216	74021158 - 74022217
74022126 - 74022226	74022128 - 74022228	74021157 - 74022217
74022124 - 74022224	74021165 - 74022225	74021164 - 74022222
74022116 - 74022214	74024925 - 74022224	74024217 - 74022216
74022128 - 74022227	74021156 - 74022216	74021158 - 74022218
74022116 - 74022216	74022118 - 74022216	74024213 - 74022212
74022117 - 74022217	74021165 - 74022223	74024925 - 74022223
74022127 - 74022227	74022126 - 74022227	74024925 - 74022225
74022114 - 74022214	74021168 - 74022227	74024927 - 74022226
74022126 - 74022224	74022119 - 74022218	74024215 - 74022215
74022123 - 74022222	74021153 - 74022212	74024214 - 74022214
74021154 - 74022213	74024924 - 74022223	74024218 - 74022217
74021165 - 74022224	74022129 - 74022228	74022114 - 74022215
74021155 - 74022214	74024214 - 74022213	74022127 - 74022228
74022118 - 74022218	74021155 - 74022213	74024216 - 74022216
74021164 - 74022223	74021166 - 74022226	74021154 - 74022212
74022123 - 74022223	74021167 - 74022227	74022116 - 74022217
74022124 - 74022222	74022128 - 74022226	74022119 - 74022217
74022127 - 74022225	74024924 - 74022224	74022129 - 74022227

74024217 - 74022217	74024218 - 74022216	74021166 - 74022223
74024923 - 74022222	74024923 - 74022223	74021167 - 74022228
74024926 - 74022226	74022116 - 74022213	74021168 - 74022225
74024928 - 74022227	74022126 - 74022223	74021254 - 74022212
74021168 - 74022228	74021156 - 74022217	74021255 - 74022213
74022122 - 74022222	74021158 - 74022216	74021255 - 74022215
74021153 - 74022213	74021163 - 74022221	74021257 - 74022216
74022112 - 74022212	74022122 - 74022221	74021265 - 74022224
74022115 - 74022216	74024215 - 74022216	74021266 - 74022224
74022117 - 74022218	74024216 - 74022217	74021267 - 74022225
74024213 - 74022213	74024926 - 74022227	74021268 - 74022226
74024217 - 74022215	74024927 - 74022225	74022110 - 71933635
74024927 - 74022227	74021159 - 74022218	74022110 - 74022218
74021157 - 74022215	74021160 - 74022228	74022114 - 74022211
74022124 - 74022225	74021164 - 74022225	74022116 - 74022218
74024214 - 74022212	74021165 - 74022226	74022120 - 74022228
74024218 - 74022218	74021168 - 74022226	74022126 - 74022228
74024924 - 74022222	74022110 - 74022217	74022127 - 74022224
74024928 - 74022228	74022118 - 74022215	74022128 - 74022225
74021154 - 74022215	74022119 - 71933635	74022129 - 71933634
74021155 - 74022216	74024213 - 74022211	74022129 - 71934346
74021166 - 74022227	74024217 - 74022218	74024925 - 74022226
74021167 - 74022225	74024924 - 74022225	74024926 - 74022223
74021169 - 74022228	74024927 - 74022228	74024928 - 74022225
74022112 - 74022211	74021153 - 74022211	74024928 - 74022226
74022123 - 74022221	74021159 - 74022217	
74022123 - 74022224	74021162 - 74022221	
74024216 - 74022213	74021163 - 74022224	

Catalog numbers used in the analysis of the Journey II/Journey femoral component.

74022115	74021164	74022119
74022116	74021156	74024217
74022126	74024215	74021158
74022114	74021166	74022129
74022124	74021167	74021153
74022117	74024925	74024927
74022127	74024216	74024213
74022118	74024926	74024218
74022128	74021157	74024928
74022123	74024924	74024923
74021165	74021163	74022112
74021154	74024214	74022122
74021155	74021168	74021169

74022110	74021254	74021268
74021159	74021257	74022120
74021160	74021265	
74021255	74021266	
74021162	74021267	

Catalog numbers used in the analysis of the Journey II/Journey tibia component.

74022214	74022226	74022221
74022213	74022227	74022211
74022215	74022217	71933635
74022223	74022222	71933634
74022224	74022218	71934346
74022216	74022212	
74022225	74022228	

Catalog numbers used in the analysis of the Journey II (Oxinium)/Journey combination.

74022114 - 74022213	74021164 - 74022223	74021166 - 74022226
74022115 - 74022214	74022123 - 74022223	74021167 - 74022227
74022116 - 74022215	74022124 - 74022222	74022128 - 74022226
74022124 - 74022223	74022127 - 74022225	74021163 - 74022222
74022126 - 74022225	74022114 - 74022212	74021163 - 74022223
74022115 - 74022213	74022117 - 74022215	74021166 - 74022224
74022117 - 74022216	74021154 - 74022214	74021156 - 74022214
74022127 - 74022226	74021164 - 74022224	74021158 - 74022217
74022115 - 74022215	74021155 - 74022215	74021157 - 74022217
74022118 - 74022217	74021166 - 74022225	74021164 - 74022222
74022126 - 74022226	74021167 - 74022226	74021158 - 74022218
74022124 - 74022224	74021156 - 74022215	74022114 - 74022215
74022116 - 74022214	74021157 - 74022216	74022127 - 74022228
74022128 - 74022227	74022128 - 74022228	74021154 - 74022212
74022116 - 74022216	74021165 - 74022225	74022116 - 74022217
74022117 - 74022217	74021156 - 74022216	74022119 - 74022217
74022127 - 74022227	74022118 - 74022216	74022129 - 74022227
74022114 - 74022214	74021165 - 74022223	74021168 - 74022228
74022126 - 74022224	74022126 - 74022227	74022122 - 74022222
74022123 - 74022222	74021168 - 74022227	74021153 - 74022213
74021154 - 74022213	74022119 - 74022218	74022112 - 74022212
74021165 - 74022224	74021153 - 74022212	74022115 - 74022216
74021155 - 74022214	74022129 - 74022228	74022117 - 74022218
74022118 - 74022218	74021155 - 74022213	74021157 - 74022215

74022124 - 74022225	74022122 - 74022221	74021167 - 74022228
74021154 - 74022215	74021159 - 74022218	74021168 - 74022225
74021155 - 74022216	74021160 - 74022228	74022110 - 71933635
74021166 - 74022227	74021164 - 74022225	74022110 - 74022218
74021167 - 74022225	74021165 - 74022226	74022114 - 74022211
74021169 - 74022228	74021168 - 74022226	74022116 - 74022218
74022112 - 74022211	74022110 - 74022217	74022120 - 74022228
74022123 - 74022221	74022118 - 74022215	74022126 - 74022228
74022123 - 74022224	74022119 - 71933635	74022127 - 74022224
74022116 - 74022213	74021153 - 74022211	74022128 - 74022225
74022126 - 74022223	74021159 - 74022217	74022129 - 71933634
74021156 - 74022217	74021162 - 74022221	74022129 - 71934346
74021158 - 74022216	74021163 - 74022224	
74021163 - 74022221	74021166 - 74022223	

Catalog numbers used in the analysis of the Journey II (Oxinium)/Journey femoral component.

74022115	74021154	74022129
74022116	74021155	74021153
74022126	74021164	74022112
74022114	74021156	74022122
74022124	74021166	74021169
74022117	74021167	74022110
74022127	74021157	74021159
74022118	74021163	74021160
74022128	74021168	74021162
74022123	74022119	74022120
74021165	74021158	

Catalog numbers used in the analysis of the Journey II (Oxinium)/Journey tibia component.

74022214	74022226	74022221
74022213	74022227	74022211
74022215	74022217	71933635
74022223	74022222	71933634
74022216	74022218	71934346
74022224	74022212	
74022225	74022228	

Catalog numbers used in the analysis of the Journey II BCS (Oxinium)/Journey combination.

74022125 - 74022224	74022113 - 74022213	74022125 - 74022222
74022125 - 74022223	74022125 - 74022226	74022113 - 74022223
74022125 - 74022225	74022113 - 74022211	74022125 - 74022227
74022113 - 74022212	74022113 - 74022214	

Catalog numbers used in the analysis of the Journey II BCS (Oxinium)/Journey femoral component.

74022125	74022113
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Catalog numbers used in the analysis of the Journey II BCS (Oxinium)/Journey tibia component.

74022224	74022213	74022222
74022223	74022226	74022227
74022225	74022211	
74022212	74022214	

Catalog numbers used in the analysis of the LCS Complete/M.B.T combination.

129401040 - 129431130	129404060 - 129433140	129404050 - 129433150
129402040 - 129431130	129403040 - 129433125	129404070 - 129433160
129401060 - 129431150	129404050 - 129433130	129401050 - 129433140
129402060 - 129431150	129401060 - 129431160	129402040 - 129431120
129402050 - 129431140	129403060 - 129433140	129402070 - 129431150
129401050 - 129431140	129402070 - 129431160	129403060 - 129433160
129403040 - 129433130	129401050 - 129431150	129403070 - 129433140
129401040 - 129431125	129404070 - 129433150	129411040 - 129433130
129403050 - 129433140	129403050 - 129433130	129412050 - 129433130
129404050 - 129433140	129401030 - 129431125	129401030 - 129431130
129402040 - 129431125	129402030 - 129431120	129401040 - 129431120
129404040 - 129433130	129402030 - 129431125	129401050 - 129431125
129403060 - 129433150	129402060 - 129431160	129401060 - 129433150
129402060 - 129431140	129403040 - 129433140	129401070 - 129431140
129401050 - 129431130	129403070 - 129433160	129402030 - 129433130
129402050 - 129431130	129404040 - 129433140	129402040 - 129433130
129404060 - 129433150	129401070 - 129431150	129402050 - 129431120
129404040 - 129433125	129402050 - 129431150	129402050 - 129431125
129401060 - 129431140	129401040 - 129433130	129402050 - 129433140
129401030 - 129431120	129401070 - 129431160	129402060 - 129433150
129401040 - 129431140	129402050 - 129433130	129402070 - 129431140
129402040 - 129431140	129403070 - 129433150	129403030 - 129433120

129403030 - 129433125	129404070 - 129433130	129412040 - 129433130
129403030 - 129433130	129404070 - 129433170	129412040 - 129433140
129403040 - 129433120	129411040 - 129431130	129412050 - 129431130
129403040 - 129434130	129411040 - 129431140	129412050 - 129433140
129403060 - 129433130	129411040 - 129433125	129428040 - 129435130
129404030 - 129433120	129411050 - 129433140	129428050 - 129435130
129404040 - 129431130	129411060 - 129431150	129429040 - 129435120
129404040 - 129431140	129411070 - 129433160	129429050 - 129435140
129404050 - 129431140	129412040 - 129431130	

Catalog numbers used in the analysis of the LCS Complete/M.B.T femoral component.

129401040	129404060	129404030
129402040	129401030	129411050
129401060	129402030	129411060
129402060	129402070	129411070
129402050	129404070	129428040
129401050	129403070	129428050
129403040	129401070	129429040
129404040	129411040	129429050
129404050	129412050	
129403050	129403030	
129403060	129412040	

Catalog numbers used in the analysis of the LCS Complete/M.B.T tibia component.

129431130	129433150	129435130
129431140	129433125	129433170
129431150	129431160	129434130
129433140	129431120	129435120
129433130	129433160	129435140
129431125	129433120	

Catalog numbers used in the analysis of the Legion/Genesis II combination.

71421224 - 71420182	71421214 - 71420164	71421225 - 71420186
71421234 - 71420164	71421226 - 71420188	71421236 - 71420170
71421225 - 71420184	71421236 - 71420168	71423235 - 71420184
71421235 - 71420166	71421204 - 71420182	71421255 - 71420184
71421205 - 71420184	71421215 - 71420166	71421226 - 71420186

71421235 - 71420168	71421233 - 71420162	71421206 - 71420184
71423234 - 71420182	71423206 - 71420170	71421216 - 71420172
71421227 - 71420190	71421217 - 71420170	71421218 - 71420172
71421234 - 71420166	71421264 - 71420164	71421218 - 71420174
71421245 - 71420166	71423224 - 71420166	71421228 - 71420190
71423225 - 71420166	71421223 - 71420180	71421216 - 71420166
71423224 - 71420164	71423216 - 71420186	71421227 - 71420191
71421237 - 71420172	71423205 - 71420166	71421237 - 71420174
71421224 - 71420184	71423204 - 71420164	71421274 - 71420180
71421206 - 71420186	71423216 - 71420188	71423226 - 71420166
71421216 - 71420170	71421205 - 71420182	71421203 - 71420180
71421207 - 71420190	71421256 - 71420186	71421203 - 71420182
71421216 - 71420168	71423227 - 71420170	71421225 - 71420188
71421237 - 71420170	71421233 - 71420164	71421227 - 71420186
71421275 - 71420184	71423206 - 71420168	71933642 - 71420166
71421255 - 71420182	71421246 - 71420166	71421215 - 71420170
71421225 - 71420182	71421215 - 71420164	71423226 - 71420172
71421254 - 71420182	71423225 - 71420164	71423235 - 71420188
71421244 - 71420164	71421276 - 71420186	71421208 - 71420191
71421245 - 71420164	71423207 - 71420172	71423204 - 71420166
71423237 - 71420190	71423237 - 71420188	71423223 - 71420162
71421206 - 71420188	71421223 - 71420182	71423238 - 71420190
71421204 - 71420184	71421256 - 71420184	71421264 - 71420162
71421217 - 71420172	71421224 - 71420180	71423214 - 71420184
71421227 - 71420188	71423217 - 71420188	71423233 - 71420182
71421265 - 71420164	71421254 - 71420180	71423235 - 71420182
71421275 - 71420182	71421208 - 71420190	71933642 - 71420164
71421215 - 71420168	71421234 - 71420162	71933646 - 71420184
71421205 - 71420186	71421244 - 71420162	71421205 - 71420188
71421265 - 71420166	71933654 - 71420184	71421206 - 71420190
71423236 - 71420186	71421226 - 71420184	71421213 - 71420162
71423226 - 71420168	71421276 - 71420184	71423228 - 71420172
71423236 - 71420188	71423217 - 71420190	71933646 - 71420182
71423226 - 71420170	71933650 - 71420166	71933653 - 71420182
71421207 - 71420188	71421235 - 71420170	71421204 - 71420180
71421235 - 71420164	71423215 - 71420186	71421264 - 71420166
71423235 - 71420186	71423236 - 71420184	71421265 - 71420168
71423214 - 71420182	71421213 - 71420164	71423223 - 71420164
71421274 - 71420182	71421266 - 71420166	71423236 - 71420190
71423234 - 71420184	71421266 - 71420168	71933649 - 71420164
71423225 - 71420168	71421236 - 71420166	71421207 - 71420186
71423227 - 71420172	71421238 - 71420172	71421207 - 71420191
71421214 - 71420166	71423207 - 71420170	71421228 - 71420191
71421236 - 71420172	71421214 - 71420162	71421238 - 71420174
71423215 - 71420184	71421246 - 71420168	71421217 - 71420174
71421226 - 71420190	71423205 - 71420168	71421255 - 71420186

71423215 - 71420182	71423214 - 71420180	71421208 - 71420188
71423227 - 71420174	71423224 - 71420168	71421216 - 71420386
71423237 - 71420191	71423227 - 71420168	71421225 - 71420180
71421224 - 71420186	71933649 - 71420166	71421232 - 71420160
71421225 - 71420312	71933651 - 71420166	71421233 - 71420160
71421244 - 71420166	71933651 - 71420168	71421235 - 71420240
71421253 - 71420180	71421204 - 71420186	71421235 - 71420250
71423206 - 71420172	71421234 - 71420240	71421243 - 71420160
71423224 - 71420162	71421245 - 71420240	71421246 - 71420256
71421237 - 71420168	71423215 - 71420188	71421256 - 71420320
71421256 - 71420182	71423217 - 71420191	71421265 - 71420170
71421274 - 71420184	71423234 - 71420186	71421275 - 71420180
71933647 - 71420186	71933643 - 71420166	71423204 - 71420162
71933654 - 71420182	71933647 - 71420184	71423216 - 71420191
71421243 - 71420162	71421223 - 71420176	71423224 - 71420368
71423213 - 71420180	71423218 - 71420191	71933641 - 71420162
71423216 - 71420190	71933650 - 71420168	71933642 - 71420248
71423237 - 71420186	71421223 - 71420298	71933645 - 71420180
71933650 - 71420164	71421226 - 71420191	71933652 - 71420180
71421217 - 71420168	71421233 - 71420232	71421175 - 71420184
71421234 - 71420168	71421244 - 71420240	71421177 - 71420190
71421254 - 71420184	71421245 - 71420248	71421206 - 71420182
71423203 - 71420164	71421246 - 71420170	71421206 - 71420191
71423205 - 71420164	71421263 - 71420164	71421215 - 71420172
71423213 - 71420182	71423206 - 71420166	71421215 - 71420378
71423228 - 71420174	71933646 - 71420312	71421216 - 71420174
71423233 - 71420180	71933653 - 71420184	71421224 - 71420314
71423234 - 71420180	71933654 - 71420186	71421225 - 71420190
71423238 - 71420191	71421213 - 71420160	71421226 - 71420182
71933645 - 71420182	71421214 - 71420168	71421226 - 71420320
71933655 - 71420184	71421223 - 71420296	71421228 - 71420188
71933655 - 71420186	71421224 - 71420306	71421233 - 71420166
71421224 - 71420304	71421254 - 71420304	71421233 - 71420234
71421246 - 71420164	71421256 - 71420312	71421234 - 71420242
71423205 - 71420170	71421276 - 71420182	71421235 - 71420256
71423225 - 71420170	71421276 - 71420188	71421236 - 71420164
71933641 - 71420164	71423207 - 71420174	71421236 - 71420264
71421235 - 71420248	71423208 - 71420172	71421238 - 71420170
71421245 - 71420168	71423208 - 71420174	71421243 - 71420232
71421255 - 71420312	71423216 - 71420184	71421245 - 71420162
71421263 - 71420162	71423217 - 71420186	71421245 - 71420250
71421266 - 71420164	71423218 - 71420190	71421246 - 71420248
71421266 - 71420170	71423223 - 71420166	71421253 - 71420176
71421273 - 71420180	71423228 - 71420170	71421255 - 71420180
71421275 - 71420186	71423238 - 71420188	71421255 - 71420304
71423203 - 71420162	71421202 - 71420180	71421255 - 71420314

71421256 - 71420188	71421214 - 71420182	71421253 - 71420296
71421263 - 71420160	71421214 - 71420368	71421253 - 71420298
71423204 - 71420248	71421215 - 71420380	71421254 - 71420296
71423214 - 71420186	71421215 - 71420384	71421254 - 71420306
71423214 - 71420304	71421215 - 71420388	71421254 - 71420308
71423214 - 71420312	71421216 - 71420384	71421255 - 71420306
71423215 - 71420312	71421216 - 71420396	71421263 - 71420166
71423224 - 71420182	71421217 - 71420386	71421263 - 71926221
71423225 - 71420376	71421218 - 71420170	71421264 - 71420160
71423233 - 71420176	71421222 - 71420176	71421266 - 71420184
71933640 - 71420164	71421223 - 71420184	71421273 - 71420164
71933643 - 71420168	71421223 - 71420304	71421273 - 71420176
71933644 - 71420180	71421224 - 71420176	71421273 - 71420182
71933647 - 71420320	71421224 - 71420188	71421275 - 71420188
71933648 - 71420164	71421224 - 71420316	71423203 - 71420166
71933649 - 71420162	71421225 - 71420164	71423204 - 71420168
71933651 - 71420170	71421225 - 71420304	71423204 - 71420240
71933652 - 71420182	71421225 - 71420314	71423205 - 71420250
71933655 - 71420188	71421225 - 71420320	71423206 - 71420184
71421163 - 71420166	71421225 - 71420338	71423206 - 71420256
71421164 - 71420164	71421226 - 71420312	71423207 - 71420272
71421165 - 71420164	71421226 - 71420322	71423213 - 71420176
71421165 - 71420166	71421226 - 71420328	71423213 - 71420184
71421165 - 71420170	71421227 - 71420328	71423215 - 71420314
71421167 - 71420168	71421227 - 71420338	71423215 - 71420320
71421173 - 71420180	71421227 - 71420350	71423216 - 71420320
71421174 - 71420180	71421233 - 71420244	71423217 - 71420336
71421175 - 71420186	71421234 - 71420232	71423218 - 71420186
71421176 - 71420190	71421234 - 71420234	71423218 - 71420188
71421202 - 71420176	71421234 - 71420248	71423218 - 71420344
71421203 - 71420176	71421235 - 71420252	71423222 - 71420162
71421204 - 71420188	71421235 - 71420258	71423223 - 71420182
71421205 - 71420190	71421235 - 71420262	71423224 - 71420160
71421205 - 71420444	71421236 - 71420174	71423224 - 71420184
71421205 - 71420446	71421236 - 71420250	71423224 - 71420186
71421206 - 71420446	71421236 - 71420256	71423224 - 71420380
71421206 - 71420452	71421237 - 71420166	71423225 - 71420378
71421206 - 71420456	71421237 - 71420182	71423225 - 71420384
71421206 - 71420460	71421237 - 71420264	71423226 - 71420174
71421207 - 71420464	71421237 - 71420266	71423226 - 71420384
71421212 - 71420160	71421237 - 71420268	71423226 - 71420386
71421212 - 71420162	71421237 - 71420274	71423227 - 71420392
71421212 - 71420164	71421244 - 71420182	71423227 - 71420394
71421212 - 71926221	71421244 - 71420234	71423232 - 71420180
71421213 - 71420166	71421245 - 71420182	71423233 - 71420184
71421214 - 71420160	71421246 - 71420240	71423234 - 71420434

71423235 - 71420190	71426003 - 71420180	71933647 - 71420182
71423235 - 71420432	71426008 - 71420188	71933647 - 71420188
71423235 - 71420440	71933641 - 71420166	71933649 - 71420168
71423235 - 71420446	71933641 - 71420240	71933650 - 71420170
71423236 - 71420166	71933642 - 71420168	71933651 - 71420172
71423236 - 71420191	71933644 - 71420182	71933653 - 71420180
71423236 - 71420458	71933645 - 71420184	
71423238 - 71420186	71933646 - 71420186	
71425006 - 71420172	71933646 - 71420304	

Catalog numbers used in the analysis of the Legion/Genesis II femoral component.

71421225	71421233	71933651
71421224	71421223	71421253
71421235	71421256	71421263
71421234	71421274	71421243
71421226	71423214	71933641
71421236	71423205	71933645
71421205	71421264	71423218
71421215	71421246	71421273
71421216	71421276	71933643
71421255	71423217	71423208
71421214	71421266	71933652
71421204	71423204	71421202
71421227	71423207	71421212
71423235	71421208	71421165
71421206	71421213	71421175
71421237	71421218	71421232
71423225	71933654	71933644
71421245	71933650	71421177
71421207	71421203	71933640
71423236	71933642	71933648
71423234	71421238	71421163
71423226	71933646	71421164
71423224	71421228	71421167
71421275	71423223	71421173
71421265	71423238	71421174
71421217	71423233	71421176
71423237	71423228	71421222
71421244	71933649	71423222
71421254	71933653	71423232
71423227	71423213	71425006
71423206	71933647	71426003
71423215	71933655	71426008
71423216	71423203	

Catalog numbers used in the analysis of the Legion/Genesis II tibia component.

71420184	71420256	71420268
71420182	71420296	71420272
71420164	71420298	71420274
71420166	71420306	71420308
71420186	71420314	71420316
71420168	71420386	71420322
71420170	71420234	71420336
71420188	71420368	71420344
71420190	71420384	71420350
71420172	71420264	71420388
71420180	71420378	71420392
71420162	71420446	71420394
71420191	71420242	71420396
71420174	71420328	71420432
71420312	71420338	71420434
71420240	71420376	71420440
71420248	71420380	71420444
71420304	71926221	71420452
71420160	71420244	71420456
71420176	71420252	71420458
71420320	71420258	71420460
71420232	71420262	71420464
71420250	71420266	

Catalog numbers used in the analysis of the NexGen GS/NexGen Pegged combination.

00575001501 - 00597003502	00575001605 - 00597003502	00575001406 - 00597002502
00575001502 - 00597003502	00575001605 - 00597004501	00575001401 - 00597002502
00575001505 - 00597003502	00575001705 - 00597004502	00575001405 - 00597002502
00575001506 - 00597003502	00575001502 - 00597003501	00575001506 - 00597004501
00575001602 - 00597004501	00575001702 - 00597004502	00575001702 - 00597004501
00575001505 - 00597003501	00575001701 - 00597004502	00575001705 - 00597004501
00575001506 - 00597003501	00575001402 - 00597003501	00575001705 - 00597005501
00575001501 - 00597003501	00575001406 - 00597003501	00575001706 - 00597004501
00575001606 - 00597003502	00575001501 - 00597004501	00575001405 - 00597003502
00575001606 - 00597004501	00575001405 - 00597003501	00575001406 - 00597003502
00575001601 - 00597004501	00575001502 - 00597004501	00575001505 - 00597004501
00575001601 - 00597003502	00575001701 - 00597004501	00575001402 - 00597003502
00575001602 - 00597003502	00575001401 - 00597003501	00575001602 - 00597003501
00575001706 - 00597004502	00575001401 - 00597003502	00575001702 - 00597005501

00575001306 - 00597002502	00575201502 - 00597003501	00575201502 - 00597002502
00575001402 - 00597002502	00575201602 - 00597003502	00575201505 - 00597003502
00575001502 - 00597002502	00575001305 - 00597002502	00575201601 - 00597003501
00575001601 - 00597003501	00575001401 - 00597004501	00575201601 - 00597003502
00575001601 - 00597004502	00575001402 - 00597004501	00575201602 - 00597003501
00575001602 - 00597004502	00575001505 - 00597004502	00575201605 - 00597003502
00575001605 - 00597003501	00575001506 - 00597002502	00575201606 - 00597004501
00575001606 - 00597003501	00575001601 - 00597005501	575001301 - 00597002502
00575001606 - 00597004502	00575001701 - 00597003502	
00575001701 - 00597005501	00575001702 - 00597003502	
00575001706 - 00597005501	00575201501 - 00597002502	

Catalog numbers used in the analysis of the NexGen GS/NexGen Pegged femoral component.

00575001501	00575001705	00575001306
00575001505	00575001701	00575201601
00575001502	00575001702	00575001305
00575001506	00575001406	00575201501
00575001602	00575001401	00575201505
00575001606	00575001405	00575201605
00575001601	00575001402	00575201606
00575001605	00575201502	575001301
00575001706	00575201602	

Catalog numbers used in the analysis of the NexGen GS/NexGen Pegged tibia component.

00597003502	00597004502
00597004501	00597002502
00597003501	00597005501

Catalog numbers used in the analysis of the NexGen GS/NexGen Precoat combination.

00575001501 - 00598003701	00575001502 - 00598002702	00575001606 - 00598004701
00575001502 - 00598003701	00575001601 - 00598004701	00575001702 - 00598004701
00575001602 - 00598003702	00575001602 - 00598003701	00575001402 - 00598002702
00575001502 - 00598003702	00575001601 - 00598003701	00575001402 - 00598003701
00575001601 - 00598003702	00575001401 - 00598002702	00575001502 - 00598004701
00575001602 - 00598004701	00575001401 - 00598003701	00575001602 - 00598002702
00575001501 - 00598002702	00575001505 - 00598003702	00575001505 - 00598004701
00575001501 - 00598003702	00575001506 - 00598003702	00575001505 - 00598003701

00575001506 - 00598003701	00575001701 - 00598004701	00575001402 - 00598003702
00575001701 - 00598004702	00575001405 - 00598003701	00575001406 - 00598004701
00575001702 - 00598004702	00575001405 - 00598003702	00575001505 - 00598002702
00575001501 - 00598004701	00575001406 - 00598003701	00575001601 - 00598002702
00575001506 - 00598004701	00575001406 - 00598003702	00575001601 - 00598004702
00575001605 - 00598004701	00575001602 - 00598004702	00575001606 - 00598003701
00575001401 - 00598003702	00575001606 - 00598003702	00575001701 - 00598005701
00575001405 - 00598002702	00575001606 - 00598004702	00575001702 - 00598003701
00575001406 - 00598002702	00575001701 - 00598003702	00575001702 - 00598005701
00575001506 - 00598002702	00575001702 - 00598003702	
00575001605 - 00598003702	00575001705 - 00598004701	

Catalog numbers used in the analysis of the NexGen GS/NexGen Precoat femoral component.

00575001502	00575001506	00575001405
00575001501	00575001702	00575001605
00575001602	00575001402	00575001705
00575001601	00575001606	
00575001401	00575001701	
00575001505	00575001406	

Catalog numbers used in the analysis of the NexGen GS/NexGen Precoat tibia component.

00598003701	00598002702
00598003702	00598004702
00598004701	00598005701

Catalog numbers used in the analysis of the NexGen LPS GS/NexGen Precoat combination.

00576401552 - 00598003702	00576401651 - 00598004702	00576401551 - 00598002702
00576401652 - 00598004701	00576401451 - 00598003701	00576401752 - 00598005701
00576401551 - 00598003702	00576401752 - 00598004702	00576401351 - 00598002701
00576401651 - 00598004701	00576401751 - 00598004701	00576401451 - 00598004701
00576401652 - 00598003702	00576401652 - 00598004702	00576401751 - 00598005701
00576401651 - 00598003702	00576401752 - 00598004701	00576401452 - 00598002701
00576401552 - 00598003701	00576401652 - 00598003701	00576401551 - 00598004702
00576401552 - 00598004701	00576401751 - 00598004702	00576401552 - 00598004702
00576401551 - 00598003701	00576401451 - 00598003702	00576401652 - 00598005701
00576401551 - 00598004701	00576401452 - 00598002702	00576401752 - 00598003702
00576401452 - 00598003701	00576401452 - 00598003702	00576401752 - 00598005702
00576401651 - 00598003701	00576401451 - 00598002702	

Catalog numbers used in the analysis of the NexGen LPS GS/NexGen Precoat femoral component.

00576401552	00576401452	00576401351
00576401652	00576401752	
00576401551	00576401451	
00576401651	00576401751	

Catalog numbers used in the analysis of the NexGen LPS GS/NexGen Precoat tibia component.

00598003702	00598004702	00598002701
00598004701	00598002702	00598005702
00598003701	00598005701	

Catalog numbers used in the analysis of the NexGen LPS Option/NexGen Precoat combination.

00596401751 - 00598005701	00596401751 - 00598005702	00596401451 - 00598002702
00596401752 - 00598005701	00599601751 - 00598004702	00596401452 - 00598003701
00596401751 - 00598004702	00596401552 - 00598003701	00596401551 - 00598004702
00596401752 - 00598004702	00596401552 - 00598004701	00596401552 - 00598004702
00599601552 - 00598003702	00596401651 - 00598005701	00596401652 - 00598003702
00599601551 - 00598003702	00599601752 - 00598004702	00599601552 - 00598004702
00599601551 - 00598003701	00596401451 - 00598003701	00599601651 - 00598003701
00599601552 - 00598003701	00599601451 - 00598003702	00599601652 - 00598005701
00596401552 - 00598003702	00599601452 - 00598003702	00599601851 - 00598005702
00599601752 - 00598005701	00596401551 - 00598003701	00599601852 - 00598005702
00596401551 - 00598003702	00596401551 - 00598004701	00596401451 - 00598005702
00596401651 - 00598004702	00599601652 - 00598003702	00596401652 - 00598005701
00599601452 - 00598003701	00596401651 - 00598003702	00599601651 - 00598005701
00599601652 - 00598004701	00599601451 - 00598002702	00599601851 - 00598005701
00596401651 - 00598004701	00599601751 - 00598005702	00596401351 - 00598002702
00599601651 - 00598004701	00599601352 - 00598002702	00596401352 - 00598002701
00599601652 - 00598004702	00599601651 - 00598003702	00596401352 - 00598003701
00599601552 - 00598004701	00599601751 - 00598004701	00596401352 - 00598003702
00599601651 - 00598004702	00596401452 - 00598003702	00596401452 - 00598002702
00599601751 - 00598005701	00596401751 - 00598004701	00596401452 - 00598004701
00596401652 - 00598004702	00596401752 - 00598004701	00596401552 - 00598002702
00599601551 - 00598004701	00599601452 - 00598002702	00596401751 - 00598005704
00599601451 - 00598003701	00599601752 - 00598004701	00599601351 - 00598003701
00596401752 - 00598005702	00599601752 - 00598005702	00599601352 - 00598003701
00596401652 - 00598004701	00596401352 - 00598002702	00599601451 - 00598004701

00599601552 - 00598800300
00599601752 - 00598005703

00599601752 - 00598800700
00599601851 - 00598005703

00599601852 - 00598005703

Catalog numbers used in the analysis of the NexGen LPS Option/NexGen Precoat femoral component.

00596401751	00599601751	00596401352
00596401752	00599601752	00599601352
00599601552	00596401551	00599601851
00599601551	00596401652	00599601852
00596401651	00599601452	00596401351
00599601652	00599601451	00599601351
00596401552	00596401451	
00599601651	00596401452	

Catalog numbers used in the analysis of the NexGen LPS Option/NexGen Precoat tibia component.

00598004702	00598005702	00598800300
00598005701	00598002702	00598800700
00598003702	00598005703	
00598004701	00598002701	
00598003701	00598005704	

Catalog numbers used in the analysis of the NexGen LPS Option/NexGen TM combination.

00596401552 - 00588606410	00599601652 - 00588606410	00596401651 - 00588605612
00599601551 - 00588606310	00596401651 - 00588605610	00596401652 - 00588605612
00596401452 - 00588605310	00599601751 - 00588606610	00596401751 - 00588605710
00596401551 - 00588606410	00599601752 - 00588606610	00596401551 - 00588606414
00596401551 - 00588606412	00596401752 - 00588606612	00599601551 - 00588606312
00596401652 - 00588605510	00599601652 - 00588606310	00599601651 - 00588605510
00596401652 - 00588605610	00599601751 - 00588606510	00596401652 - 588605512
00596401751 - 00588606610	00596401651 - 00588605510	00596401752 - 00588605710
00596401752 - 00588606610	00599601552 - 00588606312	00599601652 - 588605512
00596401451 - 00588605312	00599601651 - 00588606310	00599601851 - 00588606610
00596401452 - 00588605312	00596401551 - 00588605510	00596401452 - 00588605314
00599601552 - 00588606310	00596401552 - 00588605510	00596401651 - 00588605614
00599601752 - 00588606510	00596401452 - 00588605410	00596401751 - 00588606612
00599601651 - 00588606410	00596401451 - 00588605310	00599601652 - 00588605510
00596401552 - 00588606412	00596401451 - 00588605314	00599601652 - 00588606412
00596401651 - 588605512	00596401551 - 588605512	00599601852 - 00588606610

00596401451 - 00588605410
00596401551 - 00588605514
00596401552 - 00588606310
00599601651 - 00588606412
00599601651 - 588605512
00599601752 - 00588606512
00596401451 - 00588605412
00596401551 - 00588606310
00596401552 - 00588605514
00596401552 - 00588606414
00596401552 - 588605512
00596401651 - 00588605514
00596401652 - 00588605614
00596401652 - 00588606410
00596401752 - 00588606614
00599601451 - 00588605310
00599601551 - 00588606410
00599601751 - 00588606612
00599601851 - 00588605710
00599601852 - 00588605710
00596401651 - 00588606410
00596401651 - 00588606412
00596401751 - 00588606614
00599601452 - 00588605310
00599601651 - 00588605610
00599601751 - 00588606512
00599601752 - 00588606612
00596401352 - 00588605312
00596401451 - 00588605414
00596401552 - 00588606312
00596401751 - 00588605712
00599601552 - 00588606410
00599601651 - 00588606312
00599601652 - 00588606312
00599601752 - 00588606614
00599601851 - 00588606612
00596401451 - 00588605317
00596401452 - 00595402702
00596401551 - 00588606314
00596401552 - 00588606314
00596401651 - 00588605617
00596401652 - 00588606412
00596401752 - 00588605712
00596401752 - 00588606512
00599601451 - 00588605312
00599601452 - 00588605312
00599601551 - 00588606414

00599601552 - 00588606412
00599601651 - 00588605514
00599601651 - 00588605612
00599601651 - 00588606314
00599601852 - 00588605712
00599601852 - 00588606510
00596401351 - 00588605310
00596401351 - 00595402702
00596401452 - 00588605317
00596401452 - 00588605412
00596401551 - 00588606417
00596401552 - 00588605610
00596401651 - 00588605517
00596401652 - 00588605514
00596401652 - 00588606414
00596401652 - 00588606710
00596401752 - 00588606617
00599601551 - 00588605510
00599601552 - 00588605510
00599601552 - 00588606314
00599601552 - 00595404701
00599601652 - 00588606314
00599601751 - 00588605710
00599601751 - 00588606514
00599601751 - 00595405701
00599601851 - 00588605712
00599601851 - 00588605810
00599601851 - 00588606512
00599601852 - 00588606612
00596401351 - 00588605312
00596401352 - 00588605310
00596401352 - 00595402702
00596401451 - 00588605417
00596401451 - 00588606610
00596401451 - 00588607512
00596401452 - 00588605417
00596401452 - 00588606310
00596401551 - 00588605614
00596401551 - 00588606312
00596401552 - 00588605517
00596401651 - 00588606414
00596401651 - 00588606417
00596401651 - 00588606712
00596401651 - 00588606714
00596401652 - 00588606712
00596401751 - 00588605610
00596401751 - 00588605714

00596401751 - 00588605810
00596401751 - 00588605812
00596401751 - 00588606510
00596401751 - 00588606512
00596401751 - 00588606617
00596401752 - 00588605714
00596401752 - 00588606510
00596401752 - 00595404702
00599601352 - 00588605317
00599601451 - 00588605314
00599601451 - 00595403701
00599601452 - 00588605314
00599601452 - 00588605317
00599601551 - 00588606412
00599601551 - 00595403702
00599601551 - 00595404701
00599601552 - 00588605514
00599601552 - 00588606414
00599601552 - 588605512
00599601651 - 00588605614
00599601651 - 00588606414
00599601651 - 00595403701
00599601651 - 00595403702
00599601651 - 588606412
00599601652 - 00588605514
00599601652 - 00588605517
00599601652 - 00588605612
00599601652 - 00588605614
00599601652 - 00588606414
00599601652 - 00595403702
00599601652 - 00595404701
00599601751 - 00588605714
00599601751 - 00588605717
00599601751 - 00595404702
00599601752 - 00588605710
00599601752 - 00588605812
00599601752 - 00595404702
00599601851 - 00588605714
00599601851 - 00588605812
00599601851 - 00588606510
00599601851 - 00588606614
00599601852 - 00588605810
00599601852 - 00588605812
00599601852 - 00588606614
00599601852 - 588605814

Catalog numbers used in the analysis of the NexGen LPS Option/NexGen TM femoral component.

00596401551	00596401752	00599601451
00596401552	00596401751	00599601452
00596401651	00599601752	00596401352
00596401652	00599601551	00596401351
00596401452	00599601751	00599601352
00599601651	00599601552	
00599601652	00599601851	
00596401451	00599601852	

Catalog numbers used in the analysis of the NexGen LPS Option/NexGen TM tibia component.

00588606410	00588605410	00588606617
00588606610	00588606512	00595403702
00588606310	00588605614	00595404702
00588605510	00588606614	00588605417
00588606412	00588606314	00588606514
588605512	00588605712	00588606710
00588605312	00588605412	00588606712
00588605310	00588605317	00595403701
00588605610	00595402702	00595405701
00588606510	00588605414	00588605717
00588606612	00588605517	00588606714
00588606312	00588605714	00588607512
00588605710	00588605810	588605814
00588605514	00588605812	588606412
00588605612	00595404701	
00588606414	00588605617	
00588605314	00588606417	

Catalog numbers used in the analysis of the NexGen Option/NexGen Option combination.

00595601502 - 00598603702	00595601502 - 00598604701	00595601701 - 00598605702
00595601601 - 00598604702	00595601702 - 00598604702	00595601602 - 00598604701
00595601602 - 00598604702	00595601402 - 00598603701	00595601401 - 00598603701
00595601701 - 00598605701	00595601506 - 00598603702	00595601501 - 00598603701
00595601501 - 00598603702	00595601505 - 00598603702	00595601506 - 00598604701
00595601702 - 00598605701	00595601701 - 00598604702	00595601605 - 00598604702
00595601501 - 00598604701	00595601706 - 00598605701	00595601502 - 00598603701

00595601401 - 00598603702	00595601605 - 00598604701	00595601505 - 00598604702
00595601506 - 00598603701	00595601706 - 00598604702	00595601506 - 00598604702
00595601601 - 00598604701	00595601706 - 00598605702	00595601601 - 00598603701
00595601702 - 00598605702	00595601502 - 00598604702	00595601702 - 00598604701
00595601606 - 00598604702	00595601601 - 00598603702	00595601401 - 00598604701
00595601402 - 00598603702	00595601605 - 00598605701	00595601606 - 00598605702
00595601606 - 00598604701	00595601602 - 00598603702	00595601701 - 00598604701
00595601505 - 00598603701	00595601605 - 00598603702	00595601705 - 00598604701
00595601505 - 00598604701	00595601606 - 00598605701	00595601406 - 00598603702
00595601601 - 00598605701	00595601705 - 00598605702	00595601502 - 00598605701
00595601602 - 00598605701	00595601501 - 00598604702	00595601601 - 00598605702
00595601705 - 00598605701	00595601706 - 00598604701	00595601602 - 00598603701
00595601705 - 00598604702	00595601302 - 00598603701	00595601602 - 00598605702
00595601406 - 00598603701	00595601402 - 00598604701	00595601606 - 00598603702
00595601405 - 00598603701	00595601405 - 00598603702	

Catalog numbers used in the analysis of the NexGen Option/NexGen Option femoral component.

00595601502	00595601506	00595601606
00595601501	00595601505	00595601705
00595601701	00595601706	00595601405
00595601601	00595601402	00595601406
00595601702	00595601605	00595601302
00595601602	00595601401	

Catalog numbers used in the analysis of the NexGen Option/NexGen Option tibia component.

00598604702	00598605701
00598603702	00598603701
00598604701	00598605702

Catalog numbers used in the analysis of the NexGen Option/NexGen Pegged combination.

00595601501 - 00597003502	00595601606 - 00597004502	00595601702 - 00597005502
00595601502 - 00597003502	00595601505 - 00597004501	00595601706 - 00597005501
00595601501 - 00597004501	00595601701 - 00597005501	00595601402 - 00597003501
00595601506 - 00597003502	00595601402 - 00597003502	00595601601 - 00597004502
00595601502 - 00597004501	00595601702 - 00597005501	00595601602 - 00597004501
00595601602 - 00597004502	00595601505 - 00597003502	00595601706 - 00597004502
00595601605 - 00597004502	00595601506 - 00597004501	00595601401 - 00597003501

00595601401 - 00597003502	00595601505 - 00597003501	00595601501 - 00597004502
00595601701 - 00597005502	00595601605 - 00597005501	00595601505 - 00597004502
00595601702 - 00597004502	00595601705 - 00597005502	00595601601 - 00597003502
00595601705 - 00597005501	00596601601 - 00597005501	00595601605 - 00597003502
00595601606 - 00597004501	00595601405 - 00597004501	00595601606 - 00597005501
00595601601 - 00597004501	00595601502 - 00597003501	00595601701 - 00597004501
00595601602 - 00597005501	00595601302 - 00597002502	00595601702 - 00597004501
00595601705 - 00597004502	00595601302 - 00597003501	00596601401 - 00597003502
00595601405 - 00597003501	00595601305 - 00597002502	00596601401 - 00597004501
00595601406 - 00597003501	00595601601 - 00597005502	00596601402 - 00597003502
00595601506 - 00597003501	00596601501 - 00597004502	00596601402 - 00597004501
00595601701 - 00597004502	00596601502 - 00597003502	00596601501 - 00597004501
00595601706 - 00597005502	00596601502 - 00597004501	00596601502 - 00597004502
00596601602 - 00597005501	00596601701 - 00597005503	00596601601 - 00597004501
00595601405 - 00597003502	595601301 - 00597002502	00596601601 - 00597004502
00596601501 - 00597003502	00595601305 - 00597003501	00596601601 - 00597005502
00595601502 - 00597004502	00595601401 - 00597002502	00596601701 - 00597004502
00595601601 - 00597005501	00595601405 - 00597002502	00596601701 - 00597005501
00595601605 - 00597004501	00595601406 - 00597002502	595601306 - 00597002502
00596601602 - 00597004502	00595601501 - 00597002502	595601306 - 00597003501
00595601406 - 00597003502	00595601501 - 00597003501	

Catalog numbers used in the analysis of the NexGen Option/NexGen Pegged femoral component.

00595601501	00595601601	00595601302
00595601502	00595601605	00596601701
00595601506	00595601401	00595601305
00595601702	00595601705	00596601401
00595601602	00595601405	00596601402
00595601505	00595601406	595601301
00595601701	00596601602	595601306
00595601706	00596601501	
00595601402	00596601601	
00595601606	00596601502	

Catalog numbers used in the analysis of the NexGen Option/NexGen Pegged tibia component.

00597003502	00597005501	00597002502
00597004501	00597003501	00597005503
00597004502	00597005502	

Catalog numbers used in the analysis of the NK II/NK II combination.

630700021 - 630701210	630700031 - 642001230	630700009 - 630701200
630700020 - 630700210	621200031 - 630701210	630700009 - 642001100
630700030 - 630700220	621200050 - 630700240	630700020 - 642000230
630700031 - 630701220	621200021 - 630701220	630700031 - 642001240
621200031 - 630701220	630700011 - 642001210	630700040 - 630700240
621200030 - 630700220	630700020 - 642000220	630700040 - 642000240
621200020 - 630700210	630700021 - 642001220	632000102 - 642000210
621200021 - 630701210	630700041 - 642001240	632000103 - 642000230
621200041 - 630701230	621200030 - 630700210	632000202 - 642001210
621200040 - 630700230	630700021 - 630701200	632000203 - 642001220
630700041 - 630701230	630700031 - 642001220	621200008 - 630700200
630700030 - 630700230	621200051 - 630701230	621200020 - 630700200
630700021 - 630701220	630700030 - 642000220	621200021 - 630701200
630700031 - 630701230	630700040 - 630700220	621200031 - 630701240
630700010 - 630700200	630700041 - 630701240	621200050 - 630700250
630700011 - 630701200	630700041 - 642001230	630700006 - 621200001
630700020 - 630700220	630700050 - 630700240	630700011 - 630701002
621200020 - 630700220	630700051 - 630701240	630700011 - 630701220
621200031 - 630701230	621200010 - 630700200	630700011 - 642001100
630700011 - 630701210	621200041 - 630701220	630700021 - 642001230
630700040 - 630700230	630700010 - 642000210	630700030 - 630700240
630700010 - 630700210	621200041 - 630701240	630700030 - 632400102
630700020 - 642000210	621200051 - 630701240	630700030 - 642000210
630700021 - 642001210	630700010 - 642000100	630700040 - 642000230
630700030 - 642000230	621200040 - 630700240	630700051 - 642001240
621200030 - 630700230	621200050 - 630700230	632000101 - 642000210
630700030 - 630700210	630700008 - 630700200	632000103 - 642000220
621200010 - 630700210	630700041 - 630701220	632000202 - 642001220
621200011 - 630701210	621200011 - 630701200	632000203 - 642001230
630700020 - 630700200	621200040 - 630700220	
630700031 - 630701210	630700008 - 630700002	

Catalog numbers used in the analysis of the NK II/NK II femoral component.

630700021	630700011	621200010
630700020	630700041	621200050
630700030	630700010	621200011
630700031	621200021	621200051
621200031	621200041	630700051
621200030	621200040	630700050
621200020	630700040	630700008

630700009	632000203	630700006
632000103	632000102	632000101
632000202	621200008	

Catalog numbers used in the analysis of the NK II/NK II tibia component.

630701210	642000210	642001100
630700210	630700240	630700002
630700220	630701240	642000240
630701220	642001220	621200001
630701230	642001230	630700250
630700230	642000230	630701002
630700200	642000220	632400102
630701200	642001240	
642001210	642000100	

Catalog numbers used in the analysis of the NK II GS/NK II combination.

00541401502 - 630701210	00541001501 - 630700210	00541601601 - 621200220
00541401501 - 630700210	00541401401 - 630700200	00541601602 - 621201210
00541001702 - 630701230	00541001702 - 630701240	00541201402 - 630701210
00541001701 - 630700230	00541201601 - 630700220	00541201802 - 630701240
00541001601 - 630700230	00541601502 - 621201210	00541401501 - 630700200
00541001602 - 630701230	00541601501 - 621200210	00541601401 - 621200200
00541401602 - 630701220	00541401602 - 630701210	00541601402 - 621201210
00541001602 - 630701220	00541001401 - 630700210	00541201701 - 621200230
00541401601 - 630700220	00541401701 - 630700230	00541201702 - 621201230
00541001601 - 630700220	00541601502 - 621201220	00541601402 - 621201200
00541401402 - 630701210	00541601501 - 621200220	00541001401 - 630700200
00541401502 - 630701220	00541001402 - 630701200	00541201701 - 630700240
00541401401 - 630700210	00541001402 - 630701210	00541201702 - 630701240
00541001502 - 630701210	00541201502 - 630701220	00541201801 - 630700240
00541201501 - 630700210	00541201601 - 630700230	00541601401 - 621200210
00541401501 - 630700220	00541001801 - 630700240	00541401601 - 630700230
00541201702 - 630701230	00541201501 - 630700220	00541601602 - 621201220
00541201502 - 630701210	00541401601 - 630700210	00541401702 - 630701220
00541401402 - 630701200	00541401702 - 630701230	00541201401 - 630700210
00541001701 - 630700240	00541201602 - 630701210	00541201601 - 630700210
00541201701 - 630700230	00541001802 - 630701240	00541201701 - 630700220
00541001502 - 630701220	00541201602 - 630701230	00541401302 - 630701200
00541201602 - 630701220	00541201601 - 621200230	00541201402 - 630701200
00541001501 - 630700220	00541201602 - 621201230	00541201701 - 621200240

00541401701 - 630700220	00541401301 - 630700200	00541001401 - 630700220
00541201702 - 621201240	00541401401 - 630700220	00541001402 - 630701220
00541401502 - 630701200	00541401402 - 630701220	00541001501 - 630700200
00541601401 - 621200220	00541601402 - 621201220	00541001502 - 630700220
00541601502 - 621201200	00541601602 - 621201230	00541001701 - 630701230
00541601601 - 621200210	00541601701 - 621200230	00541001801 - 630700230
00541001501 - 630700230	00541201501 - 630700200	00541201501 - 621200210
00541001702 - 630701220	00541201502 - 630701200	00541201501 - 621200240
00541201501 - 621200220	00541201601 - 621200240	00541201502 - 621201210
00541201502 - 621201230	00541601502 - 621201230	00541201502 - 621201220
00541201602 - 621201220	00541601602 - 630701220	00541201701 - 621200250
00541201702 - 630701220	00541601702 - 621201230	00541201701 - 630701230
00541001601 - 630700240	00541001802 - 630701250	00541201702 - 621201250
00541001602 - 630701240	00541201501 - 621200230	00541201801 - 630700250
00541201601 - 621200220	00541201502 - 630701230	00541401302 - 630701210
00541401602 - 630701230	00541201701 - 621200220	00541401401 - 630701210
00541601501 - 621200200	00541201801 - 621200230	00541401501 - 630700230
00541001502 - 630701230	00541201801 - 621200240	00541401501 - 630701210
00541001601 - 630700210	00541201802 - 621201240	00541401502 - 642001220
00541001602 - 630701210	00541401601 - 630701220	00541401601 - 630701210
00541001701 - 630700220	00541401602 - 630700220	00541401601 - 632400102
00541001802 - 630701230	00541401701 - 630700240	00541601601 - 621200230
00541201401 - 630700200	00541601301 - 621200200	00541601701 - 621200220
00541201602 - 621201240	00541601302 - 621201200	
00541201801 - 630700230	00541601402 - 621201002	
00541201802 - 630701230	00541601501 - 621200230	

Catalog numbers used in the analysis of the NK II GS/NK II femoral component.

00541401502	00541201702	00541001802
00541401501	00541001501	00541201402
00541001602	00541201501	00541201801
00541001601	00541201502	00541201802
00541001702	00541601502	00541001801
00541001701	00541601501	00541201401
00541401602	00541001402	00541401302
00541401402	00541001401	00541601701
00541401601	00541401701	00541401301
00541001502	00541601402	00541601702
00541401401	00541601401	00541601301
00541201602	00541601602	00541601302
00541201701	00541401702	
00541201601	00541601601	

Catalog numbers used in the analysis of the NK II GS/NK II tibia component.

630701210	621201210	621201002
630700210	621200220	630701250
630701220	621200210	621200250
630700230	621201220	621201250
630701230	621201230	630700250
630700220	621200230	632400102
630700240	621201200	642001220
630701200	621200200	
630701240	621200240	
630700200	621201240	

Catalog numbers used in the analysis of the Persona/Persona combination.

42502607001 - 42532007901	42500607002 - 42532007902	42500006602 - 42532007102
42502607002 - 42532007902	42500607001 - 42532007901	42500006001 - 42532006701
42502606402 - 42532007102	42502006002 - 42532006702	42500606401 - 42532007501
42502006201 - 42532006701	42502006402 - 42532006702	42500606801 - 42532007501
42502006202 - 42532006702	42502606401 - 42532007501	42502605802 - 42532006702
42502006402 - 42532007102	42502006001 - 42532006701	42500606402 - 42532007502
42502606202 - 42532007102	42502006401 - 42532006701	42502606001 - 42532007101
42502606201 - 42532007101	42500606402 - 42532007102	42502606602 - 42532007902
42502606401 - 42532007101	42500606201 - 42532007101	42502605801 - 42532006701
42502606602 - 42532007502	42500006202 - 42532006702	42500006601 - 42532007101
42502006401 - 42532007101	42500606802 - 42532007902	42500606802 - 42532007502
42502606601 - 42532007501	42500606602 - 42532007502	42500606001 - 42532007101
42502606802 - 42532007902	42500606801 - 42532007901	42502607401 - 42532008301
42502606801 - 42532007501	42500606601 - 42532007501	42500606002 - 42532007102
42502606201 - 42532006701	42500606401 - 42532007101	42500606202 - 42532006702
42502606802 - 42532007502	42502606602 - 42532007102	42502607401 - 42532007901
42502606801 - 42532007901	42502606601 - 42532007101	42500006402 - 42532006702
42502606202 - 42532006702	42502607002 - 42532008302	42500006401 - 42532006701
42502606002 - 42532006702	42500606002 - 42532006702	42502006001 - 42532006401
42502006602 - 42532007102	42500006002 - 42532006702	42500605802 - 42532006702
42502606001 - 42532006701	42502006202 - 42532007102	42502006002 - 42532006402
42502006601 - 42532007101	42502606002 - 42532007102	42500006202 - 42532007102
42500606202 - 42532007102	42502607402 - 42532008302	42500606602 - 42532007902
42500006401 - 42532007101	42500606001 - 42532006701	42500606201 - 42532006701
42500006402 - 42532007102	42502006201 - 42532007101	42502607002 - 42532007502
42502606402 - 42532007502	42502606601 - 42532007901	42500605801 - 42532006701
42500006201 - 42532006701	42502607001 - 42532008301	42500006201 - 42532007101

42500607001 - 42532008301
42500607002 - 42532008302
42502607001 - 42532007501
42502607402 - 42532007902
42500606601 - 42532007901
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42500606602 - 42532007102
42502006802 - 42532007502
42502606201 - 42532007501
42502605802 - 42532006402
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42502005801 - 42532006401
42500607401 - 42532007901
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42502606002 - 42532006402
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42502605602 - 42532006402
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42502206201 - 42530006701
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42502806401 - 42530007101
42502806801 - 42530007901
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42502806202 - 42530006702
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42502206402 - 42530007102
42502206801 - 42530007501

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42502006401 - 42530007101
42502006402 - 42530006402
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42502006801 - 42530007101
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42502805801 - 42530007501
42502805802 - 42530007102
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42502806201 - 42532007101
42502806202 - 42530007502
42502806402 - 42532007502
42502806602 - 42532007102
42502806801 - 42532007501
42502807402 - 42530007902
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42500005402 - 42532005802
42500005601 - 42532007101
42500005602 - 42530006402
42500005801 - 42530006401
42500005801 - 42532006101
42500005801 - 42532007501
42500005802 - 42530006402
42500005802 - 42532006102
42500005802 - 42532007502
42500006002 - 42530006402
42500006002 - 42530006702
42500006201 - 42532006101
42500006201 - 42532006402
42500006201 - 42532006702
42500006401 - 42532006102
42500006401 - 42532007901
42500006402 - 42530006402
42500006402 - 42530006702
42500006402 - 42530007102
42500006402 - 42530007502
42500006601 - 42532007901
42500006602 - 42530007102
42500006602 - 42532007101
42500006801 - 42532006701
42500006802 - 42530007102
42500006802 - 42530007502
42500006802 - 42532008302
42500007001 - 42530007101
42500206002 - 42530006702
42500206401 - 42530006401
42500605401 - 42532007901
42500605601 - 42532007501
42500605602 - 42530006402
42500605602 - 42532006102
42500605602 - 42532007502
42500605802 - 42530007102
42500606001 - 42530006401
42500606001 - 42530007101
42500606001 - 42532007901
42500606002 - 42530006402
42500606002 - 42530007102
42500606201 - 42530007101
42500606201 - 42532007102
42500606201 - 42532008301
42500606401 - 42532007102
42500606402 - 42530007502
42500606402 - 42532006402
42500606402 - 42532007101
42500606601 - 42530007101
42500606601 - 42530007901

42500606601 - 42532006401	42502206402 - 42532006702	42502606802 - 42530008302
42500606602 - 42532007501	42502206402 - 42532007102	42502606802 - 42532006702
42500606801 - 42530008301	42502206601 - 42530007101	42502606802 - 42532007501
42500607001 - 42530007501	42502206601 - 42530007901	42502607001 - 42530008301
42500607001 - 42532007101	42502206602 - 42530007502	42502607001 - 42532007902
42500607001 - 42532007902	42502206602 - 42532006702	42502607002 - 42532007501
42500607002 - 42530008302	42502206802 - 42530007902	42502607402 - 42532007901
42500607002 - 42532007501	42502206802 - 42532007102	42502805601 - 42530006401
42500607002 - 42532008801	42502207001 - 42530007501	42502805602 - 42530006402
42500805802 - 42530006702	42502207002 - 42530007102	42502805801 - 42530007101
42500806801 - 42530007901	42502605401 - 42532006101	42502805802 - 42532006702
42502005001 - 42532005801	42502605401 - 42532007101	42502806001 - 42532006401
42502005002 - 42530006702	42502605401 - 42532007901	42502806001 - 42532006701
42502005202 - 42532005802	42502605601 - 42532007501	42502806001 - 42532007101
42502005402 - 42532006702	42502605801 - 42532006702	42502806002 - 42530006402
42502005602 - 42530006402	42502605801 - 42532007901	42502806002 - 42530007502
42502005602 - 42532006102	42502605802 - 42530006402	42502806002 - 42532006402
42502005801 - 42532006702	42502605802 - 42532005802	42502806201 - 42530006401
42502006001 - 42532006101	42502605802 - 42532006102	42502806202 - 42532006702
42502006002 - 42532006401	42502606001 - 42530006401	42502806401 - 42530006701
42502006002 - 42532006701	42502606001 - 42530006701	42502806401 - 42530007901
42502006202 - 42532006701	42502606001 - 42530007101	42502806402 - 42530008302
42502006401 - 42530006401	42502606002 - 42530006402	42502806601 - 42532007101
42502006402 - 42532006401	42502606002 - 42530007102	42502806602 - 42530007102
42502006402 - 42532006701	42502606002 - 42532006102	42502806602 - 42530008302
42502006601 - 42532007102	42502606002 - 42532007101	42502806602 - 42532007502
42502006601 - 42532007901	42502606002 - 42532007902	42502806602 - 42532007902
42502006602 - 42530006702	42502606201 - 42532006702	42502806802 - 42530008302
42502006801 - 42532006701	42502606201 - 42532008301	42502806802 - 42532007502
42502006802 - 42532007101	42502606202 - 42530007102	42502806802 - 42532008302
42502006802 - 42532007501	42502606202 - 42532008302	42502807001 - 42530007501
42502007002 - 42532007501	42502606401 - 42530007101	42502807001 - 42530008301
42502205801 - 42532006401	42502606401 - 42530007501	42502807001 - 42532007501
42502205801 - 42532006701	42502606401 - 42530007901	42502807002 - 42530007102
42502205802 - 42530006701	42502606402 - 42532007101	42502807002 - 42530007502
42502205802 - 42532006402	42502606601 - 42530006701	42502807002 - 42532008302
42502206001 - 42530006401	42502606601 - 42532007902	42504605802 - 42542006702
42502206001 - 42530007101	42502606602 - 42530006702	42504606201 - 42542006701
42502206001 - 42532006701	42502606602 - 42532007101	42504606601 - 42532007501
42502206201 - 42532007101	42502606801 - 42530007901	42504606601 - 42542007501
42502206202 - 42532006702	42502606801 - 42530008301	42504606602 - 42532007502
42502206401 - 42532006701	42502606801 - 42532007902	42504607002 - 42532007902
42502206401 - 42532007101	42502606801 - 42532008801	

Catalog numbers used in the analysis of the Persona/Persona femoral component.

42502606202	42500006001	42502807002
42502606201	42500006601	42502206401
42502606402	42500006602	42502805802
42502607002	42500605802	42502806001
42502607001	42502006802	42502206602
42502606802	42500605801	42502206202
42502606602	42502006801	42502807401
42502606601	42500607401	42502206001
42502606801	42500607402	42502206402
42502006402	42502007002	42502805801
42502006202	42502005802	42502807001
42502606401	42502005801	42502807402
42502006201	42502007001	42500005402
42502006401	42500006801	42502206002
42502606002	42500006802	42502005401
42502606001	42502605602	42502206601
42500606202	42500005802	42500005401
42500606402	42502605601	42502205801
42500606602	42500005801	42502206801
42500606802	42500605602	42502005402
42500606801	42500605601	42502206802
42500606401	42500007002	42502207001
42500006401	42500007001	42502805601
42500606201	42502005601	42502805602
42502006602	42502005602	42502205802
42500606601	42500005601	42504606601
42500006402	42500005602	42500206002
42500607002	42500605402	42500206401
42500607001	42502806201	42500805802
42502006002	42502806801	42500806801
42502006001	42502806402	42502005001
42502006601	42502605401	42502005002
42500006201	42502806601	42502005202
42500006202	42502605402	42502207002
42500606002	42500605401	42504605802
42500606001	42502806602	42504606201
42500006002	42502806802	42504606602
42502605802	42502806401	42504607002
42502607401	42502806202	
42502607402	42502206201	
42502605801	42502806002	

Catalog numbers used in the analysis of the Persona/Persona tibia component.

42532007102	42530006701	42530008301
42532007101	42530006702	42530008302
42532006702	42532008802	42532006102
42532006701	42530007101	42532006101
42532007502	42530007102	42532005802
42532007501	42530007502	42532005801
42532007902	42532008801	42532005801
42532007901	42530007501	42542006701
42532006402	42530007901	42542006702
42532006401	42530007902	42542007501
42532008302	42530006402	
42532008301	42530006401	

Catalog numbers used in the analysis of the Scorpio/Series 7000 combination.

704107R - 71150007	704111R - 71150013	704105R - 71150007
704107L - 71150007	713009L - 71150009	713011R - 71150011
704109L - 71150009	714507R - 71150007	714505L - 71150005
704109R - 71150009	704109L - 71150011	714509R - 71150007
704111R - 71150011	704109R - 71150011	714511L - 71150009
704111L - 71150011	704113L - 71150013	714511R - 71150011
704109L - 71150007	713007L - 71150007	704105L - 71150003
704107L - 71150005	713009R - 71150009	704107R - 71150004
713011R - 71150009	713011L - 71150011	704113L - 71150011
704109R - 71150007	704105R - 71150005	704113R - 71150011
704107R - 71150005	704107L - 71150009	713005L - 71150005
713011L - 71150009	704107R - 71150009	713007L - 71150005
714509L - 71150009	704111R - 71150009	714505L - 71150006
713009R - 71150007	714509L - 71150007	714507L - 71150007
704105L - 71150005	714511L - 71150011	714507R - 71150006
704111L - 71150009	704105L - 71150007	714511R - 71150009
704113R - 71150013	704111L - 71150013	
713009L - 71150007	713007R - 71150005	
714509R - 71150009	713007R - 71150007	

Catalog numbers used in the analysis of the Scorpio/Series 7000 femoral component.

704107R	704111L	714509L
704107L	713011L	704105L
704109L	713011R	714509R
704109R	713009L	704113R
704111R	713009R	714507R

704105R
704113L
713007L
713007R

714511L
714505L
714511R
713005L

714507L

Catalog numbers used in the analysis of the Scorpio/Series 7000 tibia component.

71150007
71150009
71150011

71150005
71150013
71150006

71150003
71150004

Catalog numbers used in the analysis of the Sigma/M.B.T combination.

196040300 - 129433130
196050300 - 129433130
196050400 - 129433140
196050500 - 129433150
196050450 - 129433130
196040500 - 129433150
196040400 - 129433140
196050300 - 129433125
196050250 - 129433125
196040250 - 129433125
196050500 - 129433140
196040300 - 129433125
196040450 - 129433130
196050300 - 129433140
196040300 - 129433140
196050400 - 129433150
196040400 - 129433150
196040500 - 129433140
196050250 - 129433130
196040450 - 129433140
196040250 - 129433120
196050200 - 129433120
196050200 - 129433125
196040250 - 129433130
196050450 - 129433140
196040200 - 129433120
196040200 - 129433125
940023 - 129434130
196050250 - 129433120

196040600 - 129433150
196040600 - 129433160
196050400 - 129433130
940015 - 129434150
196040500 - 129433160
196050200 - 129433130
196050500 - 129433160
940013 - 129434130
940019 - 129434130
196040200 - 129433130
196050300 - 129435125
196050300 - 129435130
196050600 - 129433150
196050600 - 129433160
940015 - 129434140
940018 - 129434125
940029 - 129434130
940029 - 129434140
196040250 - 129435125
196040400 - 129433130
196050200 - 129435120
196050400 - 129435140
940013 - 129434125
196030450 - 129433140
196040150 - 129433120
196040200 - 129435125
196040300 - 129435125
196040300 - 129435130
196040300 - 129435140

196040400 - 129435130
196040400 - 129435150
196040500 - 129435150
196040600 - 129435150
196050150 - 129433115
196050400 - 129435130
196050450 - 129433125
196050450 - 129435140
196050600 - 129435150
940014 - 129434140
940018 - 129434130
940023 - 129434125
940025 - 129434150
940028 - 129434125
196020400 - 129433140
196020450 - 129433140
196030400 - 129433140
196040200 - 129433115
196040250 - 129435115
196040250 - 129435120
196040250 - 129435130
196040300 - 129433120
196040300 - 129433150
196040400 - 129435140
196040450 - 129431130
196040450 - 129433125
196040450 - 129435130
196040500 - 129435140
196040600 - 129433140

196050150 - 129433120	196050500 - 129435150	940019 - 129434140
196050200 - 129433110	196050600 - 129433140	940022 - 129434120
196050200 - 129435125	196050600 - 129433170	940023 - 129434120
196050250 - 129433140	196064500 - 129433140	940023 - 129434140
196050250 - 129435120	940012 - 129434120	940024 - 129434140
196050250 - 129435125	940013 - 129435140	940025 - 129434130
196050300 - 129433150	940014 - 129434130	940025 - 129434140
196050300 - 129435140	940014 - 129434150	
196050450 - 129435125	940016 - 129434150	

Catalog numbers used in the analysis of the Sigma/M.B.T femoral component.

196050300	196040600	196040150
196040300	940023	940028
196050400	196050600	196020400
196050500	940015	196020450
196040500	940013	196030400
196040250	940029	196064500
196040400	940018	940012
196050250	940019	940016
196050450	940014	940022
196040450	940025	940024
196050200	196050150	
196040200	196030450	

Catalog numbers used in the analysis of the Sigma/M.B.T tibia component.

129433130	129435125	129434120
129433140	129435130	129431130
129433125	129434125	129433110
129433150	129435140	129433170
129433120	129434150	129435115
129434130	129435150	
129433160	129435120	
129434140	129433115	

Catalog numbers used in the analysis of the Sigma/Sigma combination.

196050450 - 158130000	196079500 - 158130000	940013 - 158125000
196040450 - 158130000	196020250 - 158130000	940014 - 158140000
196050300 - 158130000	196030400 - 158150000	196020200 - 158125000
196040300 - 158130000	196050250 - 158120000	196020600 - 158160000
196050300 - 158125000	196050450 - 158140000	196030200 - 158120000
196050500 - 158140000	196020500 - 158140000	196030600 - 158160000
196040500 - 158140000	196040250 - 158130000	196050200 - 158125000
196020500 - 158150000	196074500 - 158130000	196050200 - 158130000
196040300 - 158125000	196063500 - 158130000	196065500 - 158150000
196050500 - 158150000	196064500 - 158130000	196072500 - 158115000
196030500 - 158150000	196069500 - 158130000	196073500 - 158120000
196040400 - 158140000	196074500 - 158140000	196076500 - 158150000
196040500 - 158150000	940023 - 158125000	940014 - 158130000
196050400 - 158140000	196020300 - 158140000	940019 - 158130000
196020300 - 158130000	196030200 - 158125000	940024 - 158130000
196030300 - 158130000	196040200 - 158125000	940029 - 158130000
196040400 - 158130000	196040300 - 158120000	196020250 - 158120000
196050250 - 158125000	196050300 - 158140000	196020600 - 158150000
196050400 - 158130000	196050400 - 158150000	196030450 - 158150000
196040250 - 158125000	196064500 - 158140000	196030500 - 158140000
196050600 - 158150000	196068500 - 158125000	196040200 - 158130000
196030450 - 158140000	196073500 - 158130000	196040500 - 158115000
196020450 - 158140000	940025 - 158140000	196040500 - 158160000
196020250 - 158125000	196020400 - 158150000	196040600 - 158140000
196020450 - 158130000	196030300 - 158140000	196050450 - 158125000
196030250 - 158125000	196030500 - 158160000	196050500 - 158130000
196020400 - 158140000	196040200 - 158120000	196050600 - 158160000
196030250 - 158130000	196040600 - 158160000	196062500 - 158120000
196040600 - 158150000	196078500 - 158125000	196062500 - 158125000
196073500 - 158125000	940015 - 158140000	196069500 - 158125000
196030400 - 158140000	196020500 - 158160000	196072500 - 158120000
196075500 - 158140000	196040300 - 158140000	196078500 - 158120000
196063500 - 158125000	196040400 - 158150000	196079500 - 158125000
196065500 - 158140000	196050200 - 158120000	940013 - 158130000
196030450 - 158130000	196050300 - 158120000	940023 - 158130000
196040250 - 158120000	196066500 - 158150000	940024 - 158140000
196040450 - 158140000	196068500 - 158120000	940028 - 158120000
196050250 - 158130000	196075500 - 158150000	

Catalog numbers used in the analysis of the Sigma/Sigma femoral component.

196050300	196050450	196040400
196040300	196040500	196050400
196050500	196040450	196020500

196030500	196075500	940015
196050250	196074500	196020600
196040250	196065500	196066500
196020300	196064500	196072500
196030300	196040200	940024
196020450	196079500	196020200
196030450	196068500	196030600
196030250	196030200	196062500
196020250	196050200	196076500
196050600	196069500	940019
196073500	940023	940029
196030400	196078500	940028
196040600	940014	
196020400	940025	
196063500	940013	

Catalog numbers used in the analysis of the Sigma/Sigma tibia component.

158130000	158150000	158115000
158140000	158120000	
158125000	158160000	

Catalog numbers used in the analysis of the Sigma PFC/Sigma combination.

960013 - 158130000	960016 - 158150000	960006 - 158160000
960003 - 158130000	960008 - 158120000	960005 - 158160000
960004 - 158140000	960006 - 158150000	960015 - 158160000
960013 - 158125000	196001400 - 158140000	960002 - 158125000
960003 - 158125000	960002 - 158120000	196001400 - 158125000
960014 - 158140000	960012 - 158120000	196000400 - 158125000
960015 - 158140000	960018 - 158130000	960002 - 158115000
960005 - 158140000	960003 - 158140000	196000400 - 158120000
196001400 - 158130000	960013 - 158120000	960006 - 158140000
196000400 - 158130000	196000400 - 158140000	960012 - 158115000
960008 - 158125000	960003 - 158120000	960012 - 158130000
960018 - 158125000	960004 - 158150000	960015 - 158120000
960005 - 158150000	960008 - 158130000	960015 - 158130000
960015 - 158150000	960016 - 158160000	960017 - 158115000
960004 - 158130000	960012 - 158125000	
960014 - 158130000	960013 - 158140000	
960018 - 158120000	960014 - 158150000	

Catalog numbers used in the analysis of the Sigma PFC/Sigma femoral component.

960013	196001400	960012
960003	960008	960002
960004	960018	960017
960005	196000400	
960015	960016	
960014	960006	

Catalog numbers used in the analysis of the Sigma PFC/Sigma tibia component.

158130000	158150000	158115000
158140000	158120000	
158125000	158160000	

Catalog numbers used in the analysis of the Sigma PFC/Sigma PFC combination.

196001400 - 960640	960003 - 960631	960006 - 960650
196000400 - 960640	960013 - 960631	960006 - 960660
960013 - 960630	960005 - 960660	960008 - 860123
960013 - 960640	960008 - 960631	960008 - 960622
960003 - 960630	196000400 - 960641	960008 - 960632
960003 - 960640	960005 - 960650	960012 - 960620
960004 - 960650	960013 - 960641	960012 - 960621
960014 - 960640	960015 - 960651	960013 - 860127
960004 - 960640	196000400 - 960650	960013 - 960632
960014 - 960650	960002 - 960620	960013 - 960642
960008 - 960620	196001400 - 960630	960013 - 962630
960018 - 960630	196001400 - 960631	960013 - 962630
960008 - 960630	960003 - 960632	960014 - 960641
960015 - 960650	960003 - 960642	960015 - 960652
960003 - 960641	960004 - 860124	960015 - 960660
196001400 - 960650	960004 - 960641	960016 - 960650
960014 - 960651	960004 - 960652	960018 - 960631
960018 - 960620	960005 - 960651	960018 - 960632
196000400 - 960630	960005 - 960652	
196001400 - 960641	960005 - 960661	

Catalog numbers used in the analysis of the Sigma PFC/Sigma PFC femoral component.

960013	960014	960002
960003	960008	960006
196001400	960018	960012
196000400	960015	960016
960004	960005	

Catalog numbers used in the analysis of the Sigma PFC/Sigma PFC tibia component.

960640	960660	960621
960630	960632	960622
960650	960652	
960641	960642	960661
960620	860123	
960631	860124	962630
960651	860127	

Catalog numbers used in the analysis of the Triathlon/Triathlon combination.

5510F402 - 5520B400	5510F501 - 5520B600	5510F601 - 5520B700
5510F401 - 5520B400	5510F502 - 5520B600	5517F401 - 5536B500
5510F502 - 5520B500	5510F401 - 5520B500	5517F501 - 5536B600
5510F302 - 5520B300	5510F402 - 5520B500	5515F302 - 5520B300
5510F501 - 5520B500	5515F502 - 5520B500	5516F501 - 5536B500
5510F301 - 5520B300	5510F602 - 5520B500	5515F502 - 5520B400
5510F601 - 5520B600	5510F601 - 5520B500	5516F302 - 5536B300
5510F602 - 5520B600	5510F302 - 5520B400	5515F601 - 5520B600
5517F402 - 5536B400	5516F402 - 5536B400	5516F301 - 5536B300
5510F702 - 5520B700	5510F201 - 5520B200	5517F302 - 5536B400
5510F701 - 5520B700	5515F501 - 5520B500	5517F401 - 5536B300
5517F401 - 5536B400	5517F702 - 5536B700	5517F402 - 5536B300
5510F402 - 5520B300	5510F202 - 5520B200	5510F301 - 5520B200
5510F502 - 5520B400	5510F301 - 5520B400	5517F301 - 5536B400
5510F501 - 5520B400	5517F701 - 5536B700	5510F801 - 5520B800
5510F401 - 5520B300	5516F401 - 5536B400	5510F302 - 5520B200
5517F501 - 5536B500	5510F702 - 5520B600	5515F701 - 5520B700
5517F502 - 5536B500	5516F502 - 5536B500	5517F502 - 5536B400
5515F402 - 5520B400	5510F701 - 5520B600	5510F802 - 5520B800
5517F302 - 5536B300	5517F502 - 5536B600	5515F702 - 5520B700
5517F602 - 5536B600	5510F602 - 5520B700	5516F601 - 5536B600
5517F301 - 5536B300	5515F301 - 5520B300	5515F402 - 5520B300
5515F401 - 5520B400	5517F402 - 5536B500	5516F401 - 5536B300
5517F601 - 5536B600	5515F602 - 5520B600	5515F501 - 5520B400

5516F602 - 5536B600
5517F501 - 5536B400
5517F201 - 5536B200
5516F402 - 5536B300
5517F601 - 5536B700
5515F401 - 5520B300
5510F201 - 5520B300
5516F502 - 5536B400
5516F501 - 5536B400
5510F802 - 5520B700
5515F601 - 5520B500
5517F602 - 5536B700
5510F702 - 5520B800
5517F601 - 5536B500
5517F702 - 5536B600
5510F202 - 5520B300
5510F801 - 5520B700
5517F602 - 5536B500
5515F602 - 5520B500
5516F701 - 5536B700
5516F702 - 5536B600
5515F701 - 5520B600
5516F702 - 5536B700
5516F602 - 5536B500
5517F202 - 5536B200
5515F702 - 5520B600
5510F701 - 5520B800
5515F401 - 5520B500
5516F601 - 5536B500
5517F701 - 5536B600
5515F402 - 5520B500
5517F302 - 5536B200
5515F502 - 5520B600
5516F201 - 5536B200
5516F301 - 5536B200
5516F701 - 5536B600
5516F402 - 5536B500
5516F202 - 5536B200
5517F202 - 5536B300
5517F802 - 5536B800
5516F502 - 5536B600
5517F201 - 5536B300
5516F302 - 5536B200
5510F702 - 5534A709
5515F501 - 5520B600
5516F301 - 5536B400
5515F301 - 5520B400
5515F602 - 5520B700
5516F501 - 5536B600
5515F601 - 5520B700
5517F301 - 5536B200
5510F701 - 5534A709
5515F201 - 5520B200
5516F302 - 5536B400
5510F602 - 5534A609
5516F401 - 5536B500
5517F801 - 5536B700
5515F802 - 5520B700
5517F801 - 5536B800
5515F301 - 5520B200
5515F802 - 5520B800
5517F802 - 5536B700
5515F302 - 5520B400
5517F702 - 5536B800
5510F601 - 5534A609
5515F202 - 5520B200
5515F302 - 5520B200
5515F801 - 5520B700
5516F602 - 5536B700
5516F801 - 5536B700
5510F502 - 5534A509
5510F401 - 5534A409
5515F801 - 5520B800
5516F601 - 5536B700
5510F202 - 5520B100
5510F501 - 5534A509
5516F201 - 5536B300
5517F302 - 5527B400
5517F402 - 5527B500
5510F102 - 5520B100
5510F402 - 5534A409
5517F301 - 5527B400
5510F201 - 5520B100
5510F702 - 5534A609
5517F501 - 5520B500
5517F701 - 5536B800
5516F802 - 5536B700
5517F401 - 5527B500
5516F202 - 5536B100
5516F202 - 5536B300
5517F502 - 5527B600
5517F602 - 5527B700
5510F102 - 5520B200
5510F101 - 5520B100
5510F302 - 5534A309
5510F701 - 5534A609
5515F702 - 5520B800
5516F201 - 5536B100
5517F301 - 5520B300
5517F302 - 5520B300
5515F201 - 5520B300
5517F102 - 5536B200
5517F501 - 5526B500
5517F501 - 5526B600
5517F502 - 5526B500
5517F602 - 5526B600
5510F401 - 5536B400
5510F402 - 5520B600
5510F402 - 5536B400
5515F701 - 5520B800
5516F702 - 5536B800
5517F202 - 5536B100
5517F601 - 5527B700
5510F801 - 5534A809
5515F202 - 5520B300
5516F802 - 5536B800
5517F101 - 5536B100
5517F602 - 5520B600
5510F101 - 5520B200
5515F201 - 5520B100
5516F102 - 5536B100
5516F701 - 5536B800
5517F402 - 5520B400
5517F402 - 5526B400
5517F501 - 5527B600
5517F601 - 5526B600
5517F701 - 5527B800
5517F702 - 5526B700
5517F702 - 5527B800
5510F501 - 5534A409
5516F102 - 5536B200
5516F801 - 5536B800
5517F101 - 5536B200
5517F102 - 5536B100
5517F301 - 5526B300
5517F302 - 5527B300
5517F401 - 5520B400
5517F401 - 5526B400

5517F502 - 5520B500	5517F601 - 5526B700	5510F602 - 5534A709
5517F502 - 5526B600	5517F602 - 5526B500	5510F701 - 5534A809
5517F601 - 5520B600	5517F702 - 5527B700	5510F802 - 5534A809
5510F502 - 5534A409	5510F301 - 5536B300	5515F102 - 5520B100
5510F502 - 5534A609	5510F401 - 5534A309	5515F302 - 5536B400
5510F601 - 5534A509	5510F501 - 5520B700	5515F401 - 5536B300
5510F801 - 5534A709	5510F501 - 5536B500	5515F401 - 5536B500
5515F302 - 5536B300	5510F502 - 5536B500	5515F501 - 5527B600
5517F202 - 5520B200	5510F602 - 5534A611	5515F501 - 5536B400
5517F301 - 5527B300	5510F702 - 5536B700	5515F601 - 5535A609
5517F401 - 5527B400	5510F802 - 5534A709	5515F602 - 5536B700
5517F402 - 5520B300	5515F401 - 5536B400	5515F702 - 5536B600
5517F501 - 5520B600	5515F402 - 5536B500	5516F101 - 5536B200
5517F502 - 5520B600	5515F502 - 5536B400	5516F301 - 5527B400
5517F502 - 5536B700	5515F502 - 5536B600	5516F302 - 5520B400
5517F701 - 5520B700	5515F602 - 5535A609	5516F402 - 5520B300
5510F302 - 5520B500	5515F702 - 5536B700	5516F501 - 5520B400
5510F401 - 5536B500	5517F201 - 5520B200	5516F501 - 5520B500
5510F402 - 5534A309	5517F201 - 5527B300	5516F501 - 5526B500
5510F502 - 5520B700	5517F201 - 5536B100	5516F602 - 5526B500
5510F602 - 5534A509	5517F202 - 5527B300	5517F101 - 5527B200
5515F402 - 5536B300	5517F301 - 5520B200	5517F102 - 5536B300
5515F602 - 5536B600	5517F301 - 5536B500	5517F201 - 5520B300
5515F701 - 5535A709	5517F302 - 5526B300	5517F202 - 5520B300
5515F702 - 5535A709	5517F401 - 5526B300	5517F202 - 5536B400
5517F302 - 5536B500	5517F401 - 5526B500	5517F302 - 5526B400
5517F501 - 5527B500	5517F402 - 5527B400	5517F402 - 5520B500
5517F502 - 5526B400	5517F801 - 5527B800	5517F402 - 5526B500
5517F602 - 5526B700	5510F102 - 5520B300	5517F501 - 5520B400
5517F701 - 5526B700	5510F201 - 5536B200	5517F501 - 5526B400
5517F702 - 5520B700	5510F202 - 5520B400	5517F501 - 5536B700
5510F301 - 5534A309	5510F301 - 5536B200	5517F601 - 5520B700
5510F302 - 5536B300	5510F301 - 5536B400	5517F601 - 5526B500
5510F402 - 5536B500	5510F401 - 5520B600	5517F701 - 5520B600
5510F702 - 5534A809	5510F402 - 5520B200	5517F701 - 5526B600
5515F202 - 5520B100	5510F501 - 5520B200	5517F701 - 5527B700
5515F202 - 5536B200	5510F501 - 5534A609	5517F702 - 5526B600
5515F301 - 5536B300	5510F502 - 5520B300	5517F802 - 5527B800
5515F402 - 5536B400	5510F502 - 5536B400	5510F101 - 5536B100
5515F501 - 5536B500	5510F502 - 5536B600	5510F102 - 5520B500
5516F101 - 5536B100	5510F601 - 5520B200	5510F201 - 5520B400
5517F401 - 5520B300	5510F601 - 5520B400	5510F201 - 5534A209
5517F401 - 5520B500	5510F601 - 5520B800	5510F201 - 5536B100
5517F401 - 5536B600	5510F601 - 5534A611	5510F201 - 5536B300
5517F402 - 5536B600	5510F601 - 5534A709	5510F202 - 5520M200
5517F502 - 5527B500	5510F602 - 5520B400	5510F202 - 5536B300

5510F301 - 5520B600	5515F201 - 5536B200	5516F402 - 5526B400
5510F301 - 5526B300	5515F202 - 5527B300	5516F402 - 5526B500
5510F301 - 5534A209	5515F302 - 5536B200	5516F402 - 5527B400
5510F302 - 5520B100	5515F401 - 5535A409	5516F402 - 5527B500
5510F302 - 5520B600	5515F401 - 5535A509	5516F501 - 5527B500
5510F302 - 5526B200	5515F402 - 5520B200	5516F501 - 5536B700
5510F302 - 5534A209	5515F501 - 5535A509	5516F601 - 5520B500
5510F302 - 5536B400	5515F501 - 5536B600	5516F601 - 5526B500
5510F401 - 5520M400	5515F502 - 5524B400	5516F601 - 5527B600
5510F401 - 5534A509	5515F502 - 5536B500	5516F602 - 5527B600
5510F401 - 5536B300	5515F601 - 5535A709	5516F602 - 5527B700
5510F402 - 5520M400	5515F601 - 5536B600	5516F602 - 5536B400
5510F402 - 5534A509	5515F602 - 5520B400	5516F802 - 5527B800
5510F402 - 5536B300	5515F602 - 5527B700	5516F802 - 5536B600
5510F501 - 5520M500	5515F602 - 5535A711	5517F101 - 5520B100
5510F501 - 5526B500	5515F602 - 5536B500	5517F101 - 5536B300
5510F501 - 5534A416	5515F701 - 5527B700	5517F201 - 5526B300
5510F501 - 5536B600	5515F701 - 5535A609	5517F201 - 5527B200
5510F502 - 5520M500	5515F701 - 5535A809	5517F201 - 5536B400
5510F601 - 5536B500	5515F701 - 5536B600	5517F301 - 5526B200
5510F601 - 5536B700	5515F701 - 5536B700	5517F301 - 5534A413
5510F602 - 5534A511	5515F701 - 5536B800	5517F302 - 5520B400
5510F602 - 5536B700	5515F702 - 5520B400	5517F302 - 5536B100
5510F602 - 5536B800	5515F702 - 5527B800	5517F401 - 5527B300
5510F701 - 5520B300	5515F702 - 5535A609	5517F401 - 5536B200
5510F701 - 5534A611	5515F702 - 5535A611	5517F401 - 5536B700
5510F701 - 5534A711	5515F702 - 5535A809	5517F401 - 5536B800
5510F701 - 5534A716	5515F702 - 5536B800	5517F502 - 5520B400
5510F701 - 5536B600	5515F802 - 5536B700	5517F502 - 5534A509
5510F702 - 5520B500	5516F102 - 5520B200	5517F601 - 5527B600
5510F801 - 5534A811	5516F202 - 5526B200	5517F601 - 5536B800
5510F801 - 5536B800	5516F202 - 5527B300	5517F602 - 5536B400
5510F802 - 5536B800	5516F301 - 5520B400	5517F701 - 5527B600
5514F501 - 5520B600	5516F301 - 5526B200	5517F701 - 5536B500
5514F502 - 5536B500	5516F301 - 5526B300	5517F702 - 5520B600
5514F602 - 5536B600	5516F302 - 5536B500	5517F801 - 5536B600
5515F101 - 5520B100	5516F401 - 5520B500	5517F802 - 5526B700
5515F101 - 5527B200	5516F401 - 5526B400	5517F802 - 5536B300
5515F101 - 5536B200	5516F401 - 5527B500	5517F802 - 5536B600
5515F102 - 5520B200	5516F402 - 5520B400	

Catalog numbers used in the analysis of the Triathlon/Triathlon femoral component.

5510F402	5517F702	5516F201
5510F401	5516F401	5517F802
5510F502	5516F502	5516F202
5510F501	5510F201	5517F801
5510F302	5510F202	5515F802
5510F601	5517F701	5515F201
5510F602	5515F602	5515F801
5510F301	5516F501	5515F202
5517F402	5515F601	5510F102
5510F702	5515F301	5516F801
5517F401	5516F301	5516F802
5510F701	5516F302	5510F101
5517F502	5515F302	5517F101
5517F501	5510F801	5517F102
5517F302	5515F701	5516F102
5517F301	5515F702	5516F101
5517F602	5516F602	5515F101
5515F402	5510F802	5515F102
5517F601	5516F601	5514F501
5515F401	5517F201	5514F502
5515F502	5516F702	5514F602
5515F501	5517F202	
5516F402	5516F701	

Catalog numbers used in the analysis of the Triathlon/Triathlon tibia component.

5520B400	5534A409	5534A209
5520B500	5527B400	5520M400
5520B300	5527B500	5520M500
5520B600	5526B600	5535A509
5536B400	5526B500	5535A809
5520B700	5527B700	5520M200
5536B500	5527B600	5524B400
5536B600	5526B400	5534A413
5536B300	5534A309	5534A416
5536B700	5526B700	5534A511
5520B200	5527B800	5534A711
5536B200	5527B300	5534A716
5520B800	5534A809	5534A811
5536B800	5526B300	5535A409
5534A609	5535A709	5535A611
5534A709	5535A609	5535A711
5520B100	5534A611	
5536B100	5526B200	
5534A509	5527B200	

Catalog numbers used in the analysis of the Triathlon/Triathlon TS combination.

5515F402 - 5521B400	5510F702 - 5521B600	5510F702 - 5521B800
5515F401 - 5521B400	5510F301 - 5521B200	5510F102 - 5521B200
5510F402 - 5521B400	5515F802 - 5521B700	5510F602 - 5521B400
5515F302 - 5521B300	5510F301 - 5521B400	5515F102 - 5521B200
5515F301 - 5521B300	5510F701 - 5521B600	5510F501 - 5521B300
5510F401 - 5521B400	5510F501 - 5521B600	5516F302 - 5521B300
5515F502 - 5521B500	5510F302 - 5521B400	5510F402 - 5521B200
5515F501 - 5521B500	5510F401 - 5521B500	5510F601 - 5521B400
5515F401 - 5521B300	5515F302 - 5521B400	5510F801 - 5521B600
5510F301 - 5521B300	5515F802 - 5521B800	5515F502 - 5521B300
5515F402 - 5521B300	5510F502 - 5521B600	5516F301 - 5521B300
5510F302 - 5521B300	5515F501 - 5521B600	5510F401 - 5521B200
5515F502 - 5521B400	5515F801 - 5521B800	5510F702 - 5521B500
5515F602 - 5521B600	5515F301 - 5521B400	5515F101 - 5521B200
5515F501 - 5521B400	5510F402 - 5521B500	5515F302 - 5521B500
5510F502 - 5521B500	5515F402 - 5521B500	5515F601 - 5521B800
5515F601 - 5521B600	5515F401 - 5521B500	5516F401 - 5521B400
5510F501 - 5521B500	5515F502 - 5521B600	5516F402 - 5521B400
5510F402 - 5521B300	5510F201 - 5521B300	5510F502 - 5521B300
5510F601 - 5521B600	5510F202 - 5521B300	5510F701 - 5521B500
5510F401 - 5521B300	5515F601 - 5521B700	5515F201 - 5521B400
5515F602 - 5521B500	5510F601 - 5521B700	5515F301 - 5521B500
5510F602 - 5521B600	5510F801 - 5521B700	5515F402 - 5521B600
5515F702 - 5521B700	5510F802 - 5521B700	5515F501 - 5521B300
5510F502 - 5521B400	5515F202 - 5521B300	5515F501 - 5521B700
5515F601 - 5521B500	5510F602 - 5521B700	5515F502 - 5521B800
5515F702 - 5521B600	5510F802 - 5521B800	5515F602 - 5521B400
5515F701 - 5521B700	5515F602 - 5521B700	5516F501 - 5521B400
5510F501 - 5521B400	5510F801 - 5521B800	5516F501 - 5521B500
5515F701 - 5521B600	5515F201 - 5521B300	5516F502 - 5521B400
5515F302 - 5521B200	5515F201 - 5521B100	5516F702 - 5521B700
5515F301 - 5521B200	5515F202 - 5521B100	5517F301 - 5521B400
5515F202 - 5521B200	5510F202 - 5521B100	5517F401 - 5521B300
5510F302 - 5521B200	5515F101 - 5521B100	5517F401 - 5521B400
5515F201 - 5521B200	5515F102 - 5521B100	5517F402 - 5521B300
5510F702 - 5521B700	5515F701 - 5521B800	5517F501 - 5521B500
5510F602 - 5521B500	5510F101 - 5521B100	5510F201 - 5521B400
5510F701 - 5521B700	5510F102 - 5521B100	5510F202 - 5521B400
5510F201 - 5521B200	5515F702 - 5521B800	5510F302 - 5521B500
5510F601 - 5521B500	5510F201 - 5521B100	5510F302 - 5521B600
5510F202 - 5521B200	5510F701 - 5521B800	5510F501 - 5521B200
5515F801 - 5521B700	5510F101 - 5521B200	5510F802 - 5521B600

5514F401 - 5521B300	5515F801 - 5521B600	5517F202 - 5521B400
5515F102 - 5521B300	5516F101 - 5521B200	5517F302 - 5521B200
5515F202 - 5521B400	5516F202 - 5521B100	5517F302 - 5521B300
5515F302 - 5521B600	5516F202 - 5521B200	5517F502 - 5521B500
5515F401 - 5521B200	5516F302 - 5521B400	5517F502 - 5521B600
5515F401 - 5521B600	5516F401 - 5521B300	5517F602 - 5521B600
5515F401 - 5521B700	5516F401 - 5521B500	5517F602 - 5521B700
5515F402 - 5521B200	5516F501 - 5521B600	5517F701 - 5521B600
5515F502 - 5521B700	5516F502 - 5521B600	5517F701 - 5521B800
5515F601 - 5521B200	5516F701 - 5521B600	5517F702 - 5521B600
5515F602 - 5521B200	5516F801 - 5521B700	5517F802 - 5521B800
5515F602 - 5521B800	5517F101 - 5521B100	
5515F701 - 5521B500	5517F201 - 5521B200	
5515F702 - 5521B500	5517F201 - 5521B300	

Catalog numbers used in the analysis of the Triathlon/Triathlon TS femoral component.

5515F402	5515F202	5516F702
5515F401	5515F201	5517F201
5515F502	5515F801	5517F301
5515F501	5510F202	5517F302
5510F402	5515F802	5517F402
5510F401	5510F201	5517F501
5515F302	5510F801	5517F502
5515F301	5510F802	5517F602
5515F602	5510F101	5517F701
5510F502	5515F102	5514F401
5510F302	5510F102	5516F101
5510F301	5515F101	5516F701
5515F601	5516F302	5516F801
5510F501	5516F401	5517F101
5515F702	5516F501	5517F202
5510F601	5516F301	5517F702
5515F701	5517F401	5517F802
5510F602	5516F402	
5510F702	5516F502	
5510F701	5516F202	

Catalog numbers used in the analysis of the Triathlon/Triathlon TS tibia component.

5521B400
5521B300
5521B500

5521B600
5521B200
5521B700

5521B800
5521B100

Catalog numbers used in the analysis of the Vanguard/Maxim combination.

183008 - 141233	183106 - 141232	183004 - 141222
183028 - 141233	183132 - 141235	183113 - 141236
183006 - 141233	183110 - 141234	183114 - 141236
183026 - 141233	183112 - 141235	183132 - 141236
183026 - 141232	183014 - 141236	183112 - 141234
183006 - 141232	183033 - 141236	183108 - 141232
183010 - 141234	183110 - 141235	183132 - 141234
183030 - 141234	183006 - 141222	183112 - 141236
183004 - 141232	183024 - 141233	183128 - 141232
183024 - 141232	183130 - 141233	183010 - 141223
183032 - 141235	183010 - 141224	183012 - 141224
183028 - 141234	183130 - 141235	183012 - 141233
183008 - 141234	183012 - 141236	183032 - 141233
183012 - 141235	183104 - 141233	183024 - 141222
183010 - 141233	183006 - 141223	183048 - 141233
183106 - 141233	183026 - 141222	183106 - 141234
183033 - 141235	183110 - 141233	183013 - 141225
183128 - 141233	183032 - 141225	183068 - 141233
183030 - 141233	183034 - 141236	183032 - 141224
183012 - 141234	183030 - 141224	183122 - 141231
183126 - 141233	183022 - 141232	183122 - 141232
183032 - 141234	183124 - 141233	183033 - 141225
183108 - 141233	183026 - 141223	183050 - 141233
183128 - 141234	183113 - 141235	183002 - 141231
183013 - 141235	183006 - 141234	183028 - 141222
183008 - 141223	183002 - 141232	183033 - 141234
183008 - 141232	183032 - 141236	183052 - 141235
183028 - 141232	183012 - 141225	183034 - 141226
183028 - 141223	183030 - 141223	183070 - 141233
183104 - 141232	183133 - 141236	183108 - 141235
183108 - 141234	183004 - 141231	183126 - 141234
183030 - 141235	183014 - 141235	183134 - 141236
183130 - 141234	183024 - 141231	183014 - 141226
183124 - 141232	183026 - 141234	183022 - 141231
183004 - 141233	183034 - 141235	183033 - 141226
183013 - 141236	183133 - 141235	183008 - 141222
183126 - 141232	183013 - 141234	183013 - 141226
183010 - 141235	183102 - 141232	183034 - 141237

183050 - 141234	183124 - 141222	183053 - 141236
183006 - 141231	183133 - 141234	183074 - 141236
183008 - 141235	183134 - 141237	183116 - 141236
183072 - 141235	183110 - 141224	183212 - 141235
183108 - 141223	183010 - 141236	183230 - 141234
183008 - 141224	183034 - 141225	183016 - 141237
183010 - 141225	183104 - 141222	183033 - 141237
183028 - 141224	183132 - 141225	183034 - 141227
183030 - 141232	183050 - 141235	183052 - 141236
183044 - 141232	183108 - 141224	183068 - 141273
183014 - 141237	183014 - 141234	183102 - 141233
183046 - 141233	183052 - 141233	183112 - 141224
183073 - 141235	183054 - 141235	183113 - 141225
183112 - 141233	183070 - 141235	183113 - 141237
183128 - 141235	183073 - 141236	183210 - 141234
183070 - 141234	183104 - 141231	183228 - 141233
183114 - 141235	183106 - 141223	183013 - 141224
183026 - 141231	183112 - 141225	183020 - 141232
183052 - 141234	183130 - 141224	183024 - 141221
183072 - 141234	183132 - 141224	183024 - 141234
183010 - 141232	183004 - 141221	183032 - 141223
183028 - 141235	183013 - 141237	183032 - 141237
183046 - 141232	183036 - 141236	183034 - 141234
183066 - 141232	183073 - 141234	183050 - 141232
183066 - 141233	183130 - 141223	183050 - 141274
183102 - 141231	183130 - 141236	183064 - 141233
183110 - 141236	183048 - 141273	183106 - 141231
183128 - 141223	183053 - 141234	183108 - 141222
183053 - 141235	183074 - 141235	183130 - 141225
183068 - 141232	183110 - 141232	183012 - 141223
183124 - 141231	183133 - 141226	183012 - 141226
183064 - 141232	183128 - 141224	183013 - 141233
183126 - 141222	183133 - 141237	183022 - 141233
183134 - 141235	183002 - 141233	183036 - 141237
183106 - 141222	183016 - 141236	183044 - 141233
183114 - 141237	183032 - 141226	183054 - 141236
183048 - 141232	183130 - 141232	183066 - 141273
183030 - 141225	183132 - 141233	183113 - 141226
183113 - 141234	183070 - 141275	183136 - 141236
183020 - 141231	183110 - 141223	183206 - 141232
183030 - 141236	183110 - 141225	183210 - 141233
183048 - 141234	183112 - 141226	183014 - 141227
183120 - 141231	183114 - 141226	183016 - 141226
183126 - 141223	183133 - 141225	183016 - 141235
183014 - 141225	183004 - 141223	183036 - 141227
183068 - 141234	183033 - 141224	183046 - 141272

183064 - 141231	183064 - 141272	183022 - 141222
183068 - 141274	183070 - 141232	183026 - 141221
183072 - 141233	183072 - 141275	183028 - 141225
183072 - 141236	183073 - 141276	183030 - 141222
183112 - 141237	183102 - 141221	183033 - 141233
183128 - 141222	183104 - 141221	183044 - 141272
183134 - 141225	183114 - 141234	183052 - 141232
183208 - 141232	183122 - 141222	183052 - 141274
183208 - 141233	183122 - 141233	183053 - 141275
183002 - 141222	183132 - 141223	183053 - 141276
183020 - 141230	183132 - 141226	183070 - 141273
183044 - 141231	183133 - 141233	183112 - 141223
183046 - 141273	183136 - 141235	183114 - 141227
183070 - 141274	183214 - 141236	183116 - 141226
183106 - 141224	183226 - 141232	183124 - 141221
183113 - 141233	183228 - 141232	183124 - 141223
183116 - 141237	183232 - 141234	183126 - 141224
183124 - 141234	183232 - 141235	183208 - 141234
183126 - 141231	183233 - 141234	183213 - 141234
183134 - 141226	183008 - 141231	183213 - 141235
183230 - 141233	183008 - 141236	183226 - 141233
183233 - 141235	183016 - 141227	183230 - 141235
183012 - 141237	183022 - 141230	183234 - 141236
183016 - 141238	183026 - 141235	183002 - 141230
183024 - 141223	183028 - 141231	183013 - 141227
183044 - 141273	183036 - 141228	183014 - 141228
183050 - 141275	183036 - 141235	183020 - 141221
183052 - 141275	183048 - 141274	183032 - 141232
183062 - 141232	183050 - 141273	183033 - 141227
183066 - 141272	183052 - 141276	183042 - 141231
183068 - 141272	183062 - 141231	183046 - 141234
183104 - 141223	183062 - 141272	183048 - 141272
183108 - 141236	183066 - 141234	183048 - 141275
183120 - 141232	183068 - 141235	183054 - 141234
183133 - 141224	183072 - 141274	183054 - 141237
183206 - 141233	183076 - 141236	183054 - 141276
183002 - 141221	183104 - 141234	183064 - 141273
183004 - 141234	183106 - 141235	183066 - 141231
183006 - 141221	183113 - 141224	183070 - 141236
183006 - 141224	183132 - 141237	183072 - 141276
183006 - 141235	183136 - 141237	183073 - 141233
183022 - 141221	183212 - 141234	183074 - 141275
183026 - 141224	183213 - 141236	183074 - 141276
183036 - 141226	183224 - 141232	183102 - 141222
183042 - 141232	183008 - 141225	183113 - 141227
183048 - 141235	183012 - 141232	183114 - 141238

183120 - 141230	183128 - 141231	183050 - 141237
183122 - 141221	183128 - 141236	183052 - 141265
183128 - 141225	183130 - 141222	183052 - 141273
183130 - 141237	183132 - 141222	183053 - 141232
183133 - 141227	183134 - 141234	183053 - 141264
183206 - 141231	183204 - 141233	183054 - 141225
183210 - 141224	183208 - 141223	183054 - 141226
183224 - 141231	183210 - 141223	183054 - 141227
183228 - 141234	183210 - 141232	183054 - 141266
183230 - 141232	183214 - 141225	183056 - 141234
183233 - 141236	183226 - 141231	183056 - 141235
183004 - 141235	183232 - 141224	183056 - 141238
183010 - 141222	183233 - 141225	183060 - 141230
183010 - 141226	183234 - 141225	183060 - 141231
183016 - 141234	183234 - 141235	183062 - 141222
183024 - 141230	183002 - 141220	183062 - 141233
183028 - 141236	183004 - 141220	183064 - 141222
183030 - 141226	183004 - 141230	183064 - 141234
183034 - 141228	183006 - 141273	183064 - 141271
183036 - 141225	183008 - 141221	183066 - 141221
183046 - 141222	183008 - 141272	183066 - 141223
183046 - 141231	183008 - 141273	183066 - 141275
183048 - 141223	183008 - 141274	183068 - 141236
183048 - 141231	183010 - 141231	183068 - 141275
183050 - 141236	183012 - 141276	183070 - 141222
183050 - 141276	183014 - 141224	183070 - 141263
183053 - 141233	183014 - 141233	183070 - 141265
183053 - 141274	183014 - 141266	183070 - 141276
183054 - 141275	183016 - 141225	183072 - 141225
183056 - 141236	183022 - 141220	183073 - 141237
183056 - 141237	183022 - 141234	183073 - 141263
183066 - 141222	183024 - 141235	183073 - 141265
183066 - 141235	183030 - 141231	183073 - 141274
183066 - 141274	183034 - 141233	183073 - 141275
183068 - 141223	183034 - 141238	183074 - 141233
183068 - 141231	183036 - 141233	183074 - 141234
183070 - 141223	183042 - 141233	183074 - 141237
183072 - 141273	183042 - 141272	183076 - 141237
183106 - 141225	183044 - 141222	183102 - 141223
183108 - 141231	183044 - 141223	183102 - 141230
183110 - 141226	183044 - 141271	183106 - 141221
183114 - 141225	183046 - 141270	183108 - 141226
183116 - 141227	183046 - 141274	183108 - 141273
183116 - 141238	183048 - 141224	183110 - 141237
183120 - 141221	183048 - 141262	183112 - 141222
183126 - 141235	183048 - 141271	183112 - 141232

183113 - 141223	183212 - 141232	184508 - 141262
183114 - 141224	183212 - 141236	184526 - 141221
183116 - 141235	183213 - 141224	184534 - 141276
183120 - 141223	183213 - 141225	CP0001009 - 141272
183122 - 141236	183214 - 141226	CP113614 - 141221
183126 - 141221	183214 - 141237	CP113614 - 141232
183128 - 141272	183216 - 141227	CP113619 - 141263
183130 - 141226	183216 - 141236	CP113620 - 141231
183134 - 141223	183216 - 141237	CP113620 - 141273
183134 - 141227	183224 - 141221	CP113626 - 141236
183134 - 141238	183226 - 141222	CP113631 - 141221
183136 - 141226	183228 - 141223	CP113633 - 141230
183202 - 141231	183228 - 141224	CP113637 - 141272
183204 - 141223	183228 - 141231	CP113638 - 141232
183204 - 141232	183232 - 141233	CP113638 - 141272
183208 - 141224	183233 - 141223	CP113640 - 141233
183208 - 141231	183234 - 141237	
183210 - 141222	183236 - 141228	
183210 - 141235	183236 - 141236	

Catalog numbers used in the analysis of the Vanguard/Maxim femoral component.

183008	183124	183016
183028	183034	183036
183006	183133	183020
183026	183113	183054
183010	183002	183074
183030	183114	183120
183032	183022	183210
183012	183050	183116
183004	183048	183230
183024	183068	183208
183128	183070	183228
183108	183052	183136
183013	183102	183206
183033	183134	183212
183106	183122	183233
183110	183072	183062
183130	183066	183213
183126	183046	183232
183112	183073	183226
183132	183053	183042
183014	183044	183214
183104	183064	183224

183234	CP113620	CP113626
183056	CP113638	CP113631
183076	183202	CP113633
183204	184508	CP113637
183216	184526	CP113640
183060	184534	
183236	CP0001009	
CP113614	CP113619	

Catalog numbers used in the analysis of the Vanguard/Maxim tibia component.

141233	141237	141220
141232	141221	141263
141234	141273	141265
141235	141227	141271
141236	141274	141262
141223	141275	141266
141222	141272	141264
141231	141276	141270
141224	141230	
141225	141238	
141226	141228	

Catalog numbers used in the analysis of the Vanguard/Maxim Mono-Lock combination.

CP113617 - 141212	183106 - 141213	CP113612 - 141212
CP113614 - 141212	CP113621 - 141213	CP113614 - 141213
CP113616 - 141212	CP113621 - 141214	CP113618 - 141214
CP113618 - 141213	CP113636 - 141213	CP113635 - 141213
CP113617 - 141213	183124 - 141212	CP113637 - 141213
CP113616 - 141213	183130 - 141214	183068 - 141212
CP113619 - 141213	CP113619 - 141214	183070 - 141213
CP113615 - 141212	CP113615 - 141211	CP113615 - 141213
CP113618 - 141212	CP113620 - 141214	CP113622 - 141214
CP113635 - 141212	183006 - 141213	CP113623 - 141214
CP113634 - 141212	183026 - 141213	CP113636 - 141212
CP113619 - 141212	183046 - 141212	183032 - 141215
CP113620 - 141213	CP113613 - 141212	CP113612 - 141211
CP113639 - 141213	CP113638 - 141213	CP113633 - 141212
183126 - 141213	183048 - 141213	CP113639 - 141214
CP113634 - 141213	183066 - 141212	CP113643 - 141214
183048 - 141212	183128 - 141213	183050 - 141213

183068 - 141213	183074 - 141215	183026 - 141212
183126 - 141212	183104 - 141212	183026 - 141214
183128 - 141214	183106 - 141212	183028 - 141214
CP113610 - 141211	183108 - 141213	183028 - 141216
CP113613 - 141211	183124 - 141213	183032 - 141214
CP113620 - 141212	183133 - 141215	183032 - 141216
CP113632 - 141212	CP113623 - 141213	183033 - 141216
CP113639 - 141212	CP113635 - 141211	183042 - 141211
CP113641 - 141213	CP113638 - 141212	183044 - 141212
CP113641 - 141214	CP113640 - 141214	183050 - 141212
183004 - 141212	CP113642 - 141215	183053 - 141214
183012 - 141215	183010 - 141213	183053 - 141216
183052 - 141213	183010 - 141214	183056 - 141216
183064 - 141212	183010 - 141215	183062 - 141212
183072 - 141214	183028 - 141215	183066 - 141211
183104 - 141213	183030 - 141215	183068 - 141211
183110 - 141214	183046 - 141211	183070 - 141212
CP113614 - 141211	183050 - 141214	183072 - 141213
CP113616 - 141214	183054 - 141215	183072 - 141216
CP113617 - 141211	183068 - 141214	183073 - 141214
CP113617 - 141214	183074 - 141216	183073 - 141216
CP113620 - 141215	183102 - 141212	183104 - 141214
CP113621 - 141215	183108 - 141214	183106 - 141211
CP113622 - 141213	183110 - 141213	183106 - 141214
CP113631 - 141211	183114 - 141217	183108 - 141212
CP113632 - 141211	183122 - 141212	183110 - 141216
CP113637 - 141212	183130 - 141215	183112 - 141215
CP113638 - 141214	CP113616 - 141211	183113 - 141216
CP113640 - 141213	CP113622 - 141215	183120 - 141211
183008 - 141213	CP113623 - 141215	183122 - 141211
183012 - 141216	CP113625 - 141215	183122 - 141213
183013 - 141216	CP113627 - 141215	183126 - 141214
183014 - 141217	CP113630 - 141211	183132 - 141215
183024 - 141212	CP113631 - 141212	183133 - 141216
183024 - 141213	CP113633 - 141211	183134 - 141216
183028 - 141213	CP113634 - 141211	CP113611 - 141211
183030 - 141214	CP113636 - 141214	CP113615 - 141210
183034 - 141216	CP113641 - 141212	CP113615 - 141214
183044 - 141211	183004 - 141213	CP113616 - 141215
183052 - 141214	183006 - 141212	CP113618 - 141215
183052 - 141215	183008 - 141212	CP113619 - 141211
183064 - 141211	183008 - 141214	CP113621 - 141212
183066 - 141213	183008 - 141215	CP113622 - 141212
183070 - 141214	183010 - 141212	CP113623 - 141212
183072 - 141215	183014 - 141215	CP113624 - 141213
183073 - 141215	183022 - 141212	CP113624 - 141214

CP113624 - 141215
CP113626 - 141216
CP113630 - 141212
CP113635 - 141214

CP113640 - 141212
CP113642 - 141212
CP113642 - 141213
CP113643 - 141215

CP113644 - 141214
CP113647 - 141214

Catalog numbers used in the analysis of the Vanguard/Maxim Mono-Lock femoral component.

CP113617	183046	183044
CP113616	183070	183122
CP113618	183006	183133
CP113619	183052	183013
CP113614	183072	183034
CP113615	CP113632	CP113624
CP113620	183032	CP113630
CP113634	183050	183053
CP113635	183104	183054
CP113621	CP113633	183102
CP113639	CP113640	183114
183048	183010	CP113625
CP113636	183012	CP113627
183126	183028	183022
183106	183064	183033
CP113638	183110	183042
183068	CP113643	183056
183124	183008	183062
CP113612	183024	183112
CP113613	183108	183113
CP113622	CP113631	183120
183128	183004	183132
183130	183030	183134
CP113623	183073	CP113611
183066	183074	CP113626
CP113637	CP113610	CP113644
CP113641	CP113642	CP113647
183026	183014	

Catalog numbers used in the analysis of the Vanguard/Maxim Mono-Lock tibia component.

141213	141211	141217
141212	141215	141210
141214	141216	

Catalog numbers used in the analysis of the Vanguard XP/Vanguard XP combination.

195203 - 195249	195202 - 195754	195208 - 195253
195203 - 195248	195205 - 195252	195208 - 195759
195203 - 195250	195206 - 195252	195213 - 195756
195206 - 195758	195216 - 195757	195215 - 195248
195218 - 195253	195219 - 195759	195215 - 195252
195908 - 195272	195907 - 195270	195216 - 195249
195920 - 195272	195910 - 195276	195216 - 195251
195203 - 195755	195912 - 195758	195217 - 195758
195919 - 195271	195920 - 195269	195907 - 195751
195214 - 195250	195920 - 195271	195908 - 195274
195214 - 195755	195204 - 195756	195909 - 195271
195908 - 195273	195205 - 195250	195912 - 195756
195909 - 195273	195206 - 195251	195912 - 195757
195911 - 195276	195206 - 195253	195912 - 195759
195921 - 195273	195207 - 195252	195913 - 195759
195214 - 195249	195207 - 195253	195919 - 195272
195215 - 195250	195214 - 195754	195920 - 195273
195215 - 195251	195214 - 195756	195920 - 195755
195908 - 195271	195215 - 195756	195921 - 195274
195919 - 195269	195216 - 195758	195922 - 195273
195204 - 195250	195907 - 195269	195922 - 195755
195217 - 195252	195910 - 195274	195923 - 195758
195217 - 195253	195911 - 195275	195924 - 195757
195910 - 195275	195911 - 195758	195925 - 195759
195922 - 195275	195919 - 195270	195202 - 195752
195924 - 195276	195921 - 195271	195203 - 195247
195204 - 195248	195921 - 195272	195203 - 195753
195204 - 195249	195921 - 195754	195203 - 195754
195204 - 195251	195921 - 195755	195203 - 195756
195204 - 195755	195922 - 195272	195203 - 195757
195205 - 195757	195922 - 195754	195204 - 195247
195214 - 195248	195202 - 195755	195204 - 195758
195907 - 195271	195202 - 195756	195205 - 195251
195909 - 195272	195203 - 195246	195205 - 195253
195909 - 195275	195203 - 195251	195205 - 195753
195910 - 195755	195204 - 195252	195205 - 195755
195911 - 195757	195204 - 195754	195205 - 195756
195912 - 195276	195204 - 195757	195205 - 195759
195912 - 195277	195205 - 195758	195207 - 195251
195923 - 195275	195206 - 195759	195207 - 195758
195923 - 195276	195207 - 195757	195208 - 195757
195923 - 195757	195207 - 195759	195208 - 195758

195214 - 195245	195219 - 195252	195913 - 195757
195214 - 195246	195907 - 195272	195913 - 195758
195214 - 195247	195907 - 195273	195914 - 195758
195214 - 195251	195907 - 195752	195919 - 195273
195214 - 195753	195907 - 195754	195919 - 195752
195214 - 195757	195908 - 195275	195919 - 195755
195215 - 195246	195908 - 195753	195920 - 195274
195215 - 195247	195908 - 195754	195920 - 195275
195215 - 195249	195909 - 195276	195920 - 195752
195215 - 195753	195909 - 195752	195921 - 195757
195215 - 195755	195909 - 195754	195922 - 195274
195215 - 195758	195909 - 195755	195922 - 195756
195216 - 195247	195909 - 195756	195922 - 195758
195216 - 195250	195910 - 195277	195923 - 195277
195216 - 195252	195910 - 195756	195923 - 195754
195216 - 195756	195910 - 195757	195923 - 195755
195216 - 195759	195911 - 195274	195924 - 195275
195217 - 195759	195911 - 195277	195924 - 195277
195218 - 195252	195911 - 195753	195925 - 195277
195218 - 195757	195911 - 195756	195925 - 195758
195218 - 195758	195911 - 195759	
195218 - 195759	195913 - 195276	

Catalog numbers used in the analysis of the Vanguard XP/Vanguard XP femoral component.

195203	195206	195207
195214	195910	195924
195204	195205	195202
195908	195912	195208
195215	195923	195219
195909	195922	195913
195920	195907	195925
195911	195216	195213
195919	195217	195914
195921	195218	

Catalog numbers used in the analysis of the Vanguard XP/Vanguard XP tibia component.

195755	195757	195249
195250	195271	195275
195758	195273	195253
195272	195276	195252

195248	195274	195246
195251	195277	195751
195756	195270	195245
195759	195753	
195754	195247	
195269	195752	

CATALOG NUMBERS OF IMPLANTS IN MARCQI DATABASE FOR UKA CASES

Catalog numbers used in the analysis of the Oxford/Oxford combination.

161469 - 154723	161469 - 154727	161471 - 154727
161469 - 154722	161469 - 154718	161467 - 154718
161469 - 154724	161470 - 154776	161467 - 154721
161469 - 154725	161469 - 154719	161469 - 159531
161468 - 154718	161470 - 154722	161470 - 154720
161468 - 154721	161470 - 154775	161471 - 154726
161468 - 154720	161470 - 154723	161467 - 154720
161469 - 154720	161467 - 159531	161468 - 154325
161469 - 154721	161469 - 154776	161468 - 154355
161468 - 154719	161467 - 159532	161469 - 154331
161470 - 154724	161468 - 154725	161469 - 154370
161470 - 154726	161467 - 154719	166940 - 159532
161470 - 154727	161469 - 154775	166941 - 154721
161470 - 154725	161471 - 154775	166942 - 154722
161468 - 154722	161471 - 154776	166943 - 154723
161468 - 159531	161468 - 154724	166943 - 154724
161469 - 154726	161469 - 159532	166944 - 154727
161468 - 159532	161470 - 154721	
161468 - 154723	161471 - 154725	

Catalog numbers used in the analysis of the Oxford/Oxford femoral component.

161469	161471	166942
161468	166943	166944
161470	166940	
161467	166941	

Catalog numbers used in the analysis of the Oxford/Oxford tibia component.

154722	154719	154325
154723	154726	154331
154721	154727	154355
154724	159531	154370
154720	159532	
154725	154776	
154718	154775	

Catalog numbers used in the analysis of the Persona/Persona combination.

42558000401 - 42538000501	42558000501 - 42538000901	42558000102 - 42538000602
42558000301 - 42538000601	42558000601 - 42538000601	42558000201 - 42538000801
42558000401 - 42538000601	42558000601 - 42538000801	42558000202 - 42538000302
42558000301 - 42538000501	42558000602 - 42538000702	42558000701 - 42538000701
42558000402 - 42538000602	42558000202 - 42538000502	42558000101 - 42538000601
42558000501 - 42538000701	42558000201 - 42538000601	42558000301 - 42538000901
42558000202 - 42538000602	42558000302 - 42538000702	42558000102 - 42538000402
42558000401 - 42538000801	42558000402 - 42538000902	42558000302 - 42538000902
42558000302 - 42538000502	42558000102 - 42538000502	42558000602 - 42538000502
42558000301 - 42538000401	42558000301 - 42538000801	42558000601 - 42538000301
42558000302 - 42538000602	42558000401 - 42538000401	42558000102 - 42538000302
42558000402 - 42538000502	42558000701 - 42538000901	42558000401 - 42538000301
42558000501 - 42538000601	42558000702 - 42538000802	42558000501 - 42538000401
42558000302 - 42538000402	42558000101 - 42538000501	42558000601 - 42538000501
42558000502 - 42538000602	42558000502 - 42538000502	42558000202 - 42538000802
42558000601 - 42538000701	42558000601 - 42538000901	42558000402 - 42538000302
42558000502 - 42538000802	42558000201 - 42538000701	42558000502 - 42538000302
42558000302 - 42538000802	42558000402 - 42538000402	42558000502 - 42538000402
42558000401 - 42538000701	42558000202 - 42538000702	42558000701 - 42538000601
42558000402 - 42538000702	42558000302 - 42538000302	42558000702 - 42538000602
42558000502 - 42538000902	42558000401 - 42538000901	42558000702 - 42538000702
42558000602 - 42538000802	42558000602 - 42538000902	42558000702 - 42538000702
42558000501 - 42538000801	42558000701 - 42538000801	42558000101 - 42538000701
42558000502 - 42538000702	42558000101 - 42538000401	42558000102 - 42538000702
42558000201 - 42538000501	42558000301 - 42538000301	42558000601 - 42538000301
42558000202 - 42538000402	42558000602 - 42538000602	42558000602 - 42538000601
42558000301 - 42538000701	42558000201 - 42538000301	42558000701 - 42538000501
42558000402 - 42538000802	42558000201 - 42538000401	
42558000501 - 42538000501	42558000702 - 42538000902	

Catalog numbers used in the analysis of the Persona/Persona femoral component.

42558000401	42558000502	42558000701
42558000301	42558000202	42558000101
42558000302	42558000601	42558000102
42558000402	42558000201	42558000702
42558000501	42558000602	

Catalog numbers used in the analysis of the Persona/Persona tibia component.

42538000601	42538000801	42538000401
42538000501	42538000802	42538000902
42538000602	42538000702	42538000301
42538000701	42538000402	42538000302
42538000502	42538000901	

Catalog numbers used in the analysis of the Restoris MCK/Restoris MCK combination.

180503 - 180604	180505 - 180607	180512 - 180614
180513 - 180613	180507 - 180607	180514 - 180612
180504 - 180605	180517 - 180618	180514 - 180617
180505 - 180606	180501 - 180602	180515 - 180606
180503 - 180603	180504 - 180606	180518 - 180618
180515 - 180616	180517 - 180617	180501 - 180604
180514 - 180614	180515 - 180617	180503 - 180614
180514 - 180615	180516 - 180615	180504 - 180602
180513 - 180614	180514 - 180616	180504 - 180607
180504 - 180604	180506 - 180605	180505 - 180602
180515 - 180615	180506 - 180608	180505 - 180603
180505 - 180605	180503 - 180605	180505 - 180615
180512 - 180613	180511 - 180612	180506 - 180604
180502 - 180603	180511 - 180611	180506 - 180616
180506 - 180607	180516 - 180618	180506 - 1807272
180516 - 180617	180505 - 180604	180511 - 180613
180502 - 180602	180512 - 180611	180512 - 180602
180512 - 180612	180501 - 180601	180513 - 180611
180506 - 180606	180502 - 180601	180514 - 180604
180516 - 180616	180513 - 180615	180514 - 180618
180514 - 180613	180507 - 180606	180515 - 180618
180513 - 180612	180517 - 180616	180516 - 180606
180503 - 180602	180501 - 180603	180516 - 180607
180515 - 180614	180515 - 180613	180516 - 180614
180504 - 180603	180502 - 180604	180518 - 180617
180507 - 180608	180507 - 180605	

Catalog numbers used in the analysis of the Restoris MCK/Restoris MCK femoral component.

180503	180512	180501
180513	180506	180511
180504	180502	180518
180514	180516	
180515	180507	
180505	180517	

Catalog numbers used in the analysis of the Restoris MCK/Restoris MCK tibia component.

180604	180606	180608
180614	180616	180618
180605	180607	180611
180613	180602	180601
180615	180617	1807272
180603	180612	

Catalog numbers used in the analysis of the ZUK/ZUK combination.

00584201401 - 00584200301	00584201402 - 00584200502	00584201501 - 00584206108
00584201402 - 00584200302	00584201601 - 00584200601	00584201301 - 00584205108
00584201501 - 00584200401	00584201602 - 00584200602	00584201502 - 00584200202
00584201402 - 00584200402	00584201501 - 00584200601	00584201502 - 00584206208
00584201502 - 00584200402	00584201502 - 00584200602	00584201402 - 00584200102
00584201502 - 00584200502	00584201202 - 00584200202	00584201602 - 00584200302
00584201401 - 00584200401	00584201301 - 00584200401	00584201701 - 00584200601
00584201501 - 00584200501	00584201201 - 00584200201	00584201302 - 00584200102
00584201302 - 00584200202	00584201201 - 00584200301	00584201402 - 00584206208
00584201301 - 00584200301	00584201601 - 00584200401	00584201301 - 00584200501
00584201302 - 00584200302	00584201602 - 00584200402	00584201302 - 00584205208
00584201301 - 00584200201	00584201402 - 00584205208	00584201501 - 00584200201
00584201601 - 00584200501	00584201501 - 00584207108	00584201602 - 00584207208
00584201602 - 00584200502	00584201401 - 00584205108	00584201201 - 00584200101
00584201501 - 00584200301	00584201202 - 00584200302	00584201202 - 00584200102
00584201402 - 00584200202	00584201401 - 00584206108	00584201301 - 00584206108
00584201401 - 00584200201	00584201401 - 00584200601	00584201302 - 00584200502
00584201502 - 00584200302	00584201402 - 00584200602	00584201701 - 00584200501
00584201302 - 00584200402	00584201502 - 00584207208	00584201702 - 00584200602
00584201401 - 00584200501	00584201301 - 00584200101	00584201201 - 00584200401

00584201202 - 00584200402	00584201302 - 00584200301	00584201402 - 00584200401
00584201501 - 00584208108	00584201501 - 00584200602	00584201402 - 584205210
00584201601 - 00584207108	00584201502 - 00584200102	00584201501 - 00584200101
00584201301 - 00584204108	00584201502 - 00584205208	00584201501 - 00584200502
00584201302 - 00584204208	00584201701 - 00584200401	00584201501 - 00584205108
00584201402 - 00584204208	00584201101 - 00584200101	00584201501 - 00584206208
00584201102 - 00584200202	00584201101 - 00584200301	00584201502 - 00584206210
00584201401 - 00584200101	00584201102 - 00584200102	00584201502 - 00584207212
00584201402 - 00584207208	00584201201 - 00584200501	00584201502 - 00584208208
00584201601 - 00584200301	00584201202 - 00584204208	00584201502 - 584206210
00584201602 - 00584208208	00584201301 - 00584200601	00584201602 - 00584206208
00584201102 - 00584200302	00584201301 - 00584205110	00584201702 - 00584200302
00584201302 - 00584206208	00584201301 - 00584206112	00584201702 - 00584200402
00584201401 - 00584207108	00584201302 - 00584205210	00584201702 - 00584207208
00584201502 - 00584200401	00584201302 - 00584206210	00584201702 - 00584208208
00584201601 - 00584208108	00584201401 - 00584204108	
00584201702 - 00584200502	00584201401 - 00584206110	
00584201201 - 00584204108	00584201401 - 00584208108	

Catalog numbers used in the analysis of the ZUK/ZUK femoral component.

00584201402	00584201301	00584201701
00584201401	00584201602	00584201702
00584201501	00584201601	00584201102
00584201502	00584201201	00584201101
00584201302	00584201202	

Catalog numbers used in the analysis of the ZUK/ZUK tibia component.

00584200301	00584205208	00584206210
00584200402	00584205108	00584205110
00584200401	00584207108	00584205210
00584200302	00584200102	00584206110
00584200502	00584207208	00584206112
00584200501	00584206208	00584207212
00584200202	00584200101	584205210
00584200201	00584204208	584206210
00584200601	00584208108	
00584200602	00584204108	
00584206108	00584208208	