



2022 MARCQI Annual Report Specifications Document

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Introduction

This document provides supplemental information to the 2022 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.

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 70 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 12/31/2021

Caption: Cumulative percent revision for primary conventional THA with uncemented stems for men and women 70 years or older.

Description of figure	CPR curves for cases done with cemented and uncemented stems for patients who are at least 70 years of age. There should be two curves, one for men and one for women.
Inclusion criteria	All primary conventional THA cases for patients 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) under 70 years of age
Time window	1/1/2017 to 12/31/2021

Caption: Cumulative percent revision for primary conventional THA with uncemented stems for men and women 70 years or older (numerical values).

Description of figure	CPR curves for cases done with cemented and uncemented stems for patients who are at least 70 years of age. There should be two lines in the table, one for men and one for women.
Inclusion criteria	All primary conventional THA cases for patients 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) under 70 years of age
Time window	1/1/2017 to 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

Caption: Reasons for revision following primary cemented 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 cemented stems in which revision occurs between 366 and 730 days of primary procedure.
Inclusion criteria	All first revision cases performed for primary conventional THA cases in women at least 70 years of age occurring less than 365 days or greater than or equal to 731 days of primary procedure.
Exclusion criteria	(3) 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 365 days of primary procedure or greater than or equal to 731, (7) males, (8) age less than 70
Time window	1/1/2017 to 12/31/2021

Caption: Reasons for revision following primary cemented 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 cemented stems in which revision occurs between 731 and 1095 days of 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 cemented stems.
Exclusion criteria	(4) 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 703 days of primary procedure or greater than or equal to 1096, (7) males, (8) age less than 70
Time window	1/1/2017 to 12/31/2021

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 12/31/2021

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. Note that this analysis excludes all cases with cemented cups.
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 12/31/2021

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. Note that this analysis excludes all cases with cemented cups.
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 12/31/2021

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. Note that this analysis excludes all cases with cemented cups.
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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 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). 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 – 12/31/2021

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 12/31/2021

Caption: Reasons for 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021</p> <p>Red line: 1/1/2014 to 12/31/2021</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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 – 12/31/2021

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 12/31/2021

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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021

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 12/31/2021

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 12/31/2021

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 Antioxidant 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 12/31/2021

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 12/31/2021</p> <p>Red line: 1/1/2014 to 12/31/2021</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 12/31/2021

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 12/31/2021

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 12/31/2021

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

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 12/31/2021

Caption: Descriptive statistics on cases receiving <Cup> cup in primary THA.

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 12/31/2021

Caption: Cumulative percent revision curve for <Cup> cups compared to all conventional THA implants using other cups 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 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 – 12/31/2021

Caption: Cumulative percent revision and number at risk for <Cup> cup in primary THA.

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 12/31/2021

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

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 12/31/2021 for primary and 1/1/15 to 12/31/2021 for 1 st revision.

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

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 12/31/2021 for primary and 1/1/15 to 12/31/2021 for 1 st revision.

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

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 12/31/2021 for primary and 1/1/15 to 12/31/2021 for 1 st revision.

Caption: Distribution of approach used for <Cup> cup 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 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 12/31/2021

Caption: Distribution of head size for <Cup> cup 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 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 12/31/2021

Caption: Bearing surface for <Cup> cup 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 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 12/31/2021

Caption: Distribution of polyethylene used for <Cup> cup in primary THA 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 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 12/31/2021

Caption: Utilization of <Cup> cups 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 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 12/31/2021</p> <p>Red line: 1/1/2014 to 12/31/2021</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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021 for primary and 1/1/14 to 12/31/2021 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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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 12/31/2021

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, PJJ cases, (2) revision THA cases, (3) all primary conventional and conversion THA cases
Time window	2/15/2012 to 12/31/2021

**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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021 for primary and 1/1/15 to 12/31/2021 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 12/31/2021

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 12/31/2021 Red line: 1/1/2014 to 12/31/2021

CATALOG NUMBERS OF IMPLANTS IN MARCQI DATABASE FOR THA CASES

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

67210435 - 5421150E	67210635 - 5020356E	67210535 - 5421146D
67210535 - 5020354E	67200635 - 5020356E	67210535 - 5021158F
67200435 - 5021152E	67210635 - 5021158F	67210635 - 5020352D
67210435 - 5021152E	67200635 - 5020354E	67210837 - 5021158F
67200535 - 5021152E	67200535 - 5020356E	67210737 - 5020360F
67210535 - 5421150E	67200330 - 5021152E	67200435 - 5021148D
67210535 - 5021154E	67210737 - 5020358F	67200635 - 5021158F
67210435 - 5020350D	67210737 - 5021158F	67210837 - 5421150E
67210535 - 5021152E	67210635 - 5021152E	67200435 - 5020356E
67210635 - 5020354E	67210535 - 5020358F	67210330 - 5021148D
67210635 - 5021154E	67200635 - 5020358F	67210435 - 5401150E
67200535 - 5020354E	67210737 - 5421154F	67210435 - 5021156F
67210635 - 5421150E	67210535 - 5020350D	67210635 - 5020350D
67210435 - 5020354E	67200635 - 5021152E	67210435 - 5020356E
67210635 - 5021156F	67200330 - 5021148D	67200737 - 5020358F
67200435 - 5020354E	67200535 - 5021150D	67200330 - 5020354E
67210435 - 5021150D	67200535 - 5021156F	67200737 - 5021154E
67200535 - 5021154E	67210435 - 5421148D	67200737 - 5020354E
67210330 - 5020350D	67210635 - 5421152E	67210330 - 5421148D
67210535 - 5020352D	67210435 - 5421146D	67210330 - 5021154E
67210535 - 5421154F	67200435 - 5021154E	67210435 - 5421152E
67210635 - 5421154F	67210737 - 5421150E	67210635 - 5021160G
67200435 - 5020352D	67200330 - 5020352D	67210635 - 5421156F
67210435 - 5021154E	67210330 - 5020352D	67210435 - 5000354E
67200635 - 5021154E	67200737 - 5021156F	67210837 - 5021156F
67210435 - 5020352D	67210535 - 5021150D	67200635 - 5020352D
67200435 - 5021150D	67210737 - 5021154E	67210535 - 5421148D
67210635 - 5020358F	67210737 - 5020354E	67210837 - 5021160G
67200635 - 5021156F	67210737 - 5020356E	67210837 - 5421154F
67210330 - 5421150E	67200737 - 5021158F	67200535 - 5020358F
67210737 - 5021156F	67210737 - 5021160G	67210837 - 5020360F
67200435 - 5020350D	67200535 - 5020350D	67210535 - 5401150E
67200330 - 5021150D	67200737 - 5020356E	67210737 - 5421146D
67200330 - 5020350D	67210535 - 5421152E	67210330 - 5421146D
67210535 - 5021156F	67210635 - 5421146D	67210435 - 5020358F
67210330 - 5021152E	67210330 - 5020354E	67210435 - 5021148D
67210535 - 5020356E	67210435 - 5421154F	67200635 - 5020360F
67200535 - 5020352D	67210737 - 5421156F	67210535 - 5000354E
67210330 - 5021150D	67210635 - 5020360F	67200737 - 5020360F

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67210837 - 5020358F
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67210837 - 5421156F
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67210737 - 5020350D
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67210635 - 5021150D
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67210937 - 5021160G
67210230 - 5421150E
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67200330 - 5021154E
67200435 - 5020358F
67210635 - 5000358F
67210937 - 5020354E
67210635 - 5401154F
67200330 - 5421150E
67210330 - 5020348C

67210535 - 5021148D
67210535 - 5021160G
67210737 - 5020362G
67200635 - 5021160G
67210837 - 5021154E
67200737 - 5021152E
67210635 - 5401152E
67210737 - 5020352D
67210535 - 5000356E
67200435 - 5000354E
67200535 - 5021148D
67200535 - 5421154F
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67210937 - 5021158F
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67210837 - 5020362G
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67200435 - 5421152E
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67210535 - 7421146C	67210837 - 7421154E	67211140 - 7021162G
67210635 - 7020466H	67210937 - 7000454E	67211140 - 7421152E
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Catalog numbers used in the analysis of the Accolade TMZF/Trident combination.

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60203535 - 5021156F	60204535 - 5021156F	60200537 - 5021158F
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Catalog numbers used in the analysis of the Actis DuoFix/Pinnacle combination.

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101011070 - 121732054	101011050 - 121722052	101011030 - 121722052
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101012070 - 121732056	101011050 - 121732058	101012040 - 121732056
101012060 - 121732058	101012040 - 121732054	101011080 - 121722052
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101012090 - 121732056	101011040 - 121722054	101011010 - 121722050
101012100 - 121732058	101011050 - 121703054	101011010 - 121722052
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101011030 - 121722050	101011060 - 121731050	101011020 - 121720046
101011030 - 121730046	101011060 - 121731056	101011020 - 121722048
101011050 - 121703052	101011070 - 121703056	101011020 - 121722050
101011060 - 121703056	101011070 - 121722056	101011020 - 121722054
101012020 - 121732050	101011070 - 121731054	101011020 - 121730044
101012030 - 121722056	101011070 - 121731060	101011030 - 121722048

101011030 - 121722056	101011010 - 121732050	101011080 - 121732066
101011030 - 121731058	101011010 - 121732054	101011090 - 121703052
101011040 - 121722048	101011020 - 121730050	101011090 - 121703060
101011040 - 121731048	101011020 - 121731046	101011090 - 121703062
101011050 - 121703050	101011020 - 121731048	101011090 - 121703064
101011050 - 121730050	101011020 - 121732056	101011090 - 121730062
101011050 - 121731058	101011020 - 121732060	101011090 - 121731052
101011060 - 121703050	101011030 - 121720044	101011090 - 121731054
101011060 - 121722056	101011030 - 121730054	101011090 - 121732064
101011060 - 121722058	101011030 - 121732060	101011100 - 121722052
101011060 - 121731048	101011040 - 121703048	101011100 - 121731058
101011060 - 121731058	101011040 - 121703050	101011110 - 121722052
101011070 - 121703054	101011040 - 121703056	101011110 - 121722056
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101011070 - 121730056	101011040 - 121730046	101011120 - 121732056
101011070 - 121730058	101011040 - 121730050	101011120 - 121732060
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101012010 - 121722048	101011050 - 121730052	101012010 - 121731048
101012010 - 121732048	101011050 - 121730056	101012010 - 121732050
101012020 - 121730048	101011050 - 121731048	101012010 - 121732054
101012020 - 121732054	101011050 - 121731050	101012010 - 121732058
101012030 - 121703052	101011050 - 121731056	101012020 - 121730044
101012030 - 121722048	101011050 - 121731060	101012020 - 121730046
101012040 - 121722048	101011060 - 121701048	101012020 - 121731048
101012060 - 121703052	101011060 - 121730046	101012020 - 121731050
101012060 - 121722060	101011060 - 121730050	101012020 - 121732058
101012060 - 121731056	101011060 - 121730054	101012030 - 121730046
101012060 - 121732062	101011060 - 121730056	101012030 - 121730052
101012070 - 121722058	101011060 - 121732064	101012040 - 121703052
101012070 - 121730052	101011060 - 121732066	101012040 - 121722058
101012070 - 121730054	101011070 - 121703052	101012040 - 121730046
101012080 - 121722058	101011070 - 121703058	101012040 - 121731052
101012080 - 121731060	101011070 - 121731048	101012040 - 121731054
101012090 - 121731058	101011070 - 121732048	101012050 - 121703050
101012100 - 121722054	101011080 - 121703054	101012050 - 121703056
101012100 - 121732064	101011080 - 121730054	101012050 - 121722058
101012110 - 121732058	101011080 - 121730056	101012050 - 121731052
101012120 - 121722056	101011080 - 121731054	101012050 - 121731054
101012120 - 121732062	101011080 - 121731056	101012050 - 121732062
101011010 - 121722048	101011080 - 121732048	101012060 - 121703054
101011010 - 121731048	101011080 - 121732064	101012060 - 121730066

101012060 - 121732048	101012080 - 121722060	101012100 - 121730058
101012070 - 121703054	101012080 - 121731054	101012110 - 121722056
101012070 - 121722060	101012080 - 121732066	101012110 - 121722058
101012070 - 121730058	101012090 - 121722052	101012110 - 121732052
101012070 - 121731056	101012090 - 121722056	101012110 - 121732056
101012070 - 121731060	101012090 - 121722062	101012110 - 121732060
101012070 - 121732048	101012090 - 121730068	101012110 - 121732060
101012070 - 121732064	101012090 - 121731054	101012120 - 121732060
101012080 - 121703052	101012090 - 121732052	
101012080 - 121703060	101012090 - 121732064	

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

155402121 - 121701052	155402135 - 121732054	155401121 - 121732048
155402135 - 121701052	155402135 - 121732056	155401135 - 121701050
155402135 - 121701054	155401150 - 121732054	155401150 - 121732056
155402121 - 121701054	155401121 - 121732056	155401150 - 121732058
155402121 - 121701050	155401135 - 121732048	155401165 - 121701052
155402150 - 121701052	155401150 - 121701052	155401165 - 121732060
155401121 - 121701050	155402121 - 121732050	155402106 - 121701054
155401121 - 121701052	155402135 - 121732052	155402121 - 121732052
155401121 - 121732052	155402150 - 121701050	155402121 - 121732054
155402135 - 121701056	155402165 - 121701058	155402135 - 121703054
155402150 - 121701054	155402165 - 121732058	155402135 - 121731054
155401135 - 121732052	155401106 - 121701050	155402135 - 121732060
155401135 - 121732054	155401106 - 121701052	155402180 - 121701056
155402135 - 121701058	155401121 - 121701054	155401106 - 121722050
155402150 - 121732058	155401135 - 121703052	155401106 - 121732056
155401106 - 121701048	155401135 - 121732058	155401121 - 121722048
155401121 - 121732054	155401165 - 121732054	155401121 - 121722052
155402121 - 121701048	155401165 - 121732056	155401121 - 121730050
155402121 - 121701056	155401165 - 121732058	155401121 - 121732058
155402165 - 121701054	155402106 - 121732050	155401135 - 121701048
155402165 - 121701056	155402121 - 121732048	155401135 - 121722052
155402135 - 121701050	155402121 - 121732058	155401150 - 121701056
155401121 - 121701048	155402135 - 121701048	155401150 - 121732050
155401121 - 121732050	155402150 - 121701058	155401150 - 121732060
155401135 - 121701052	155402150 - 121732054	155401165 - 121732052
155401150 - 121732052	155402150 - 121732056	155401180 - 121732054
155402106 - 121701048	155402150 - 121732060	155402106 - 121701052
155402150 - 121701056	155402165 - 121732054	155402121 - 121701058
155402165 - 121701052	155402180 - 121701054	155402121 - 121722052
155401135 - 121732056	155401106 - 121732048	155402121 - 121731050
155402135 - 121732058	155401106 - 121732054	155402135 - 121722052

155402135 - 121732050	155401135 - 121732060	155402135 - 121731058
155402150 - 121701060	155401150 - 121701048	155402135 - 121732062
155402150 - 121701062	155401150 - 121732062	155402135 - 121732064
155402150 - 121703052	155401165 - 121701050	155402150 - 121701048
155402150 - 121703054	155401165 - 121701054	155402150 - 121703050
155402150 - 121732052	155401165 - 121701056	155402150 - 121703056
155402150 - 121732062	155401165 - 121703060	155402150 - 121703058
155402150 - 121732064	155401165 - 121730048	155402150 - 121722052
155402165 - 121732062	155401165 - 121732062	155402150 - 121722060
155402195 - 121732054	155401180 - 121701050	155402150 - 121730054
155401106 - 121720044	155401195 - 121701052	155402150 - 121731052
155401106 - 121722054	155401195 - 121703054	155402150 - 121731054
155401106 - 121730050	155401210 - 121732054	155402150 - 121732050
155401106 - 121731048	155401210 - 121732058	155402165 - 121701048
155401106 - 121732050	155402106 - 121701050	155402165 - 121701060
155401106 - 121732052	155402106 - 121722048	155402165 - 121703060
155401106 - 121732060	155402106 - 121722052	155402165 - 121722058
155401106 - 121732062	155402106 - 121732048	155402165 - 121732060
155401121 - 121703048	155402106 - 121732052	155402165 - 121732064
155401121 - 121703050	155402106 - 121732058	155402180 - 121701048
155401121 - 121703052	155402121 - 121703058	155402180 - 121701052
155401121 - 121703054	155402121 - 121720044	155402180 - 121701058
155401121 - 121703056	155402121 - 121720052	155402180 - 121701060
155401121 - 121720044	155402121 - 121722048	155402180 - 121701062
155401121 - 121720046	155402121 - 121722050	155402180 - 121732054
155401121 - 121722060	155402121 - 121722054	155402180 - 121732056
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155401121 - 121731050	155402121 - 121732060	155402180 - 121732064
155401121 - 121731052	155402135 - 121701060	155402195 - 121701060
155401121 - 121732062	155402135 - 121701062	155403135 - 121701050
155401135 - 121703048	155402135 - 121703052	155403135 - 121703052
155401135 - 121703056	155402135 - 121703056	155403135 - 121731052
155401135 - 121703058	155402135 - 121703058	155403135 - 121732058
155401135 - 121722050	155402135 - 121722058	155403150 - 121701054
155401135 - 121722054	155402135 - 121730048	155403150 - 121732060
155401135 - 121730050	155402135 - 121730054	155403165 - 121703056
155401135 - 121730054	155402135 - 121730056	155403180 - 121701054
155401135 - 121732050	155402135 - 121730064	

Catalog numbers used in the analysis of the Anthology/PolarCup combination.

71356004 - 75100409	71356006 - 75100409	71356006 - 75100410
71356003 - 75100409	71356004 - 75100410	71356006 - 75100411
71356005 - 75100409	71356005 - 75100410	71356002 - 75100409

71356003 - 75100410	71356001 - 75100409	71356009 - 75100410
71356007 - 75100410	71356002 - 75100410	71356009 - 75100457
71356003 - 75100408	71356005 - 75100408	71356010 - 75100410
71356004 - 75100411	71356005 - 75100413	71356010 - 75100412
71356005 - 75100411	71356006 - 75100408	71356010 - 75100413
71356004 - 75100408	71356007 - 75100414	71356011 - 75100413
71356007 - 75100409	71356009 - 75100412	71356012 - 75100410
71356002 - 75100408	71356010 - 75100411	71356012 - 75100413
71356007 - 75100412	71356104 - 75100409	71356101 - 75100409
71356006 - 75100412	71356106 - 75100411	71356102 - 75100411
71356008 - 75100410	71356109 - 75100412	71356103 - 75100409
71356008 - 75100411	71356001 - 75100451	71356103 - 75100410
71356001 - 75100408	71356002 - 75100407	71356105 - 75100409
71356007 - 75100411	71356002 - 75100411	71356105 - 75100412
71356003 - 75100411	71356004 - 75100412	71356105 - 75100411
71356005 - 75100412	71356004 - 75100413	71356107 - 75100411
71356006 - 75100413	71356005 - 75100406	71356107 - 75100414
71356008 - 75100409	71356005 - 75100415	71356109 - 75100414
71356008 - 75100412	71356006 - 75100414	71356112 - 75100413
71356008 - 75100414	71356007 - 75100453	71357004 - 75100409
71356009 - 75100411	71356008 - 75100413	71357007 - 75100412
71356001 - 75100407	71356009 - 75100409	

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

71356006 - 71335552	71356105 - 71335552	71356109 - 71335556
71356106 - 71335554	71356108 - 71335558	71357004 - 71335552
71356107 - 71335556	71356004 - 71335552	71357005 - 71335552
71356007 - 71335554	71357007 - 71335552	71356009 - 71335556
71356005 - 71335552	71356106 - 71335552	71356103 - 71335552
71356005 - 71335550	71356009 - 71335554	71356109 - 71335558
71356006 - 71335554	71356003 - 71335550	71356110 - 71335558
71356007 - 71335552	71356003 - 71335552	71356008 - 71335558
71356006 - 71335550	71356007 - 71335550	71356106 - 71335558
71356105 - 71335554	71356107 - 71335554	71357107 - 71335554
71356008 - 71335554	71356107 - 71335558	71357107 - 71335556
71356008 - 71335552	71356107 - 71335552	71357108 - 71335556
71356004 - 71335550	71356108 - 71335554	71356007 - 71331852
71356108 - 71335556	71357106 - 71335552	71356007 - 71335558
71357006 - 71335552	71357108 - 71335554	71356009 - 71335558
71356007 - 71335556	71356104 - 71335552	71356104 - 71335554
71356008 - 71335556	71356008 - 71335550	71356109 - 71335560
71356005 - 71335554	71356010 - 71335556	71356009 - 71335552
71356106 - 71335556	71356006 - 71335556	71356105 - 71335550

71356108 - 71335560	71357005 - 71335550	71356012 - 71335558
71356003 - 71335548	71357106 - 71335556	71356103 - 71335548
71356004 - 71335548	71357111 - 71335556	71356105 - 71335558
71356004 - 71335554	71357112 - 71335558	71356106 - 71331856
71356007 - 71331854	71356009 - 71331854	71356106 - 71335560
71356010 - 71335554	71357110 - 71335558	71356111 - 71335554
71357008 - 71335552	71357111 - 71335558	71357004 - 71331852
71357008 - 71335556	71356008 - 71331852	71357004 - 71335548
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71356107 - 71331854	71357106 - 71335550	71356005 - 71335558
71357003 - 71335552	71357109 - 71335554	71356006 - 71331850
71357007 - 71335556	71356001 - 71335550	71356009 - 71331856
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71357006 - 71335550	71357006 - 71335554	71356111 - 71331858
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71357009 - 71335556	71356009 - 71335560	71357103 - 71335552
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71357108 - 71335552	71356011 - 71335558	71357109 - 71335558
71356006 - 71331852	71356011 - 71335560	71357109 - 71335560
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71356110 - 71335556	71356008 - 71331856	71356010 - 71331858

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71356008 - 71338669	71357011 - 71335560	71356010 - 71331850
71356009 - 71331858	71357011 - 71335562	71356010 - 71331862
71356010 - 71331860	71357012 - 71331860	71356011 - 71331858
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71356010 - 71338667	71357103 - 71331852	71356011 - 71335550
71356011 - 71338669	71357105 - 71331852	71356011 - 71335564
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71356013 - 71335556	71357105 - 71335558	71356012 - 71331854
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71356103 - 71331852	71357108 - 71331860	71356012 - 71335554
71356104 - 71331848	71357108 - 71335548	71356012 - 71335562
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71356110 - 71331852	71356003 - 71331852	71356101 - 71335546
71356110 - 71335564	71356003 - 71335556	71356101 - 71338664
71356111 - 71331856	71356003 - 71338667	71356102 - 71331848
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Catalog numbers used in the analysis of the Avenir/G7 combination.

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574203065 - 110010247
574203065 - 110010269

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

0106010002 - 00875705201	0106010103 - 00875705201	0106010004 - 00875704802
0106010004 - 00875705201	0106010104 - 00875705801	0106010004 - 00875705002
0106010003 - 00875705201	0106010106 - 00875705401	0106010004 - 00875705202
0106010004 - 00875705401	0106010001 - 00875705401	0106010005 - 00875705002
0106010005 - 00875705201	0106010002 - 00875705601	0106010005 - 00875705602
0106010004 - 00875705601	0106010003 - 00875705801	0106010006 - 00875705001
0106010005 - 00875705601	0106010007 - 00875705401	0106010006 - 00875705202
0106010006 - 00875705601	0106010007 - 00875705801	0106010006 - 00875705402
0106010003 - 00875705001	0106010103 - 00875705001	0106010006 - 00875706001
0106010005 - 00875705801	0106010105 - 00875706001	0106010006 - 00875706401
0106010006 - 00875705401	0106010004 - 00875706001	0106010006 - 00875706402
0106010002 - 00875705001	0106010005 - 00875705001	0106010008 - 00875705201
0106010003 - 00875705401	0106010007 - 00875705201	0106010008 - 00875705401
0106010006 - 00875705201	0106010007 - 00875705601	0106010008 - 00875706001
0106010002 - 00875705401	0106010007 - 00875706001	0106010009 - 00875705401
0106010005 - 00875705401	0106010008 - 00875705601	0106010009 - 00875705801
0106010006 - 00875705801	0106010105 - 00875705401	0106010101 - 00875704601
0106010106 - 00875705801	0106010105 - 00875705801	0106010101 - 00875705001
0106010004 - 00875705801	0106010001 - 00875705201	0106010101 - 00875705201
0106010105 - 00875705601	0106010002 - 00875704601	0106010102 - 00875705801
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0106010004 - 00875705001	0106010102 - 00875705001	0106010103 - 00875705801
0106010104 - 00875705201	0106010103 - 00875706001	0106010104 - 00875705202
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0106010001 - 00875704801	0106010106 - 00875705201	0106010105 - 00875706002
0106010001 - 00875705001	0106010106 - 00875706201	0106010106 - 00875706001
0106010003 - 00875704801	0106010107 - 00875706201	0106010107 - 00875705401
0106010003 - 00875705601	0106010108 - 00875705601	0106010107 - 00875705801
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0106010104 - 00875705601	0106010002 - 00875704401	0106010107 - 00875706401
0106010105 - 00875705201	0106010002 - 00875705202	0106010108 - 00875705801
0106010107 - 00875705601	0106010003 - 00875705802	

Catalog numbers used in the analysis of the Avenir Muller/G7 combination.

0106010004 - 010000664	0106010005 - 010000664	0106010004 - 010000665
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Catalog numbers used in the analysis of the Corail/Pinnacle combination.

3L92501 - 121732052	3L92511 - 121732054	3L92513 - 121732052
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3L92512 - 121730058	L971209 - 121732050	3L92505 - 121703052
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3L92515 - 121730058	L98012 - 121732048	3L92505 - 121703062
3L92516 - 121732058	L98013 - 121732052	3L92505 - 121703064
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L20310 - 121732056	3L92498 - 121703050	3L92505 - 121730062
L20311 - 121730056	3L92498 - 121703052	3L92505 - 121730066
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L20312 - 121722058	3L92499 - 121701052	3L92505 - 121732048
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L20318 - 121732060	3L92500 - 121731056	3L92507 - 121730050
L20318 - 121732062	3L92501 - 121703060	3L92507 - 121732050
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3L92508 - 121703060	L20310 - 121722054	L971114 - 121730056
3L92508 - 121703062	L20310 - 121730052	L971114 - 121732054
3L92508 - 121722056	L20310 - 121732058	L971114 - 121732062
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3L92508 - 121732056	L20311 - 121730050	L971115 - 121732052
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3L92509 - 121730050	L20311 - 121730054	L971116 - 121730056
3L92509 - 121730052	L20311 - 121732050	L971116 - 121732060
3L92509 - 121730054	L20311 - 121732062	L971118 - 121730056
3L92509 - 121732054	L20312 - 121722048	L971118 - 121730060
3L92510 - 121722054	L20312 - 121722052	L971118 - 121730062
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3L92511 - 121730056	L20312 - 121730064	L971208 - 121732048
3L92511 - 121730058	L20313 - 121730054	L971208 - 121732054
3L92511 - 121730060	L20313 - 121730060	L971209 - 121730052
3L92512 - 121722056	L20313 - 121732048	L971209 - 121732048
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3L92512 - 121732062	L20314 - 121730062	L971210 - 121732048
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Catalog numbers used in the analysis of the Corail Coxa Vara/Pinnacle combination.

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3L93711 - 121732054	3L93711 - 121703052	3L93716 - 121732058
3L93712 - 121732052	3L93712 - 121732060	3L93716 - 121732060
3L93712 - 121722052	3L93713 - 121703052	3L93709 - 121703048
3L93712 - 121732056	3L93714 - 121703058	3L93709 - 121703050
3L93710 - 121732050	3L93714 - 121732052	3L93709 - 121703052
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Catalog numbers used in the analysis of the Echo Bi-Metric/G7 combination.

192010 - 110010243	192109 - 110010244	192012 - 110010246
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192011 - 110010243	192508 - 110010242	192108 - 110010242
192111 - 110010243	192008 - 110010242	192109 - 110010242
192112 - 110010245	192013 - 110010244	192112 - 010000663
192114 - 110010246	192110 - 110010245	192112 - 110017104
192113 - 110010245	192015 - 110010246	192114 - 110010248
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192110 - 110010243	192114 - 110010244	192116 - 110010247
192110 - 110010244	192409 - 110010242	192117 - 110010246
192111 - 110010244	192412 - 110010243	192011 - 010000663
192111 - 110010245	192509 - 110010243	192011 - 110010245
192114 - 110010245	192010 - 110010245	192013 - 010000664
192112 - 110010244	192015 - 110010247	192013 - 110010246
192112 - 110010246	192110 - 110010242	192014 - 110010247
192009 - 110010243	192110 - 110010246	192015 - 110010245
192012 - 110010245	192112 - 110010247	192016 - 110010248
192112 - 110010243	192408 - 110010242	192111 - 110017103
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192012 - 110010243	192013 - 110010243	192407 - 110010242
192109 - 110010243	192013 - 110010245	192410 - 110010241
192113 - 110010244	192014 - 110010244	192410 - 110010242
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192113 - 110010247	192111 - 110010242	192413 - 110010243
192115 - 110010247	192115 - 110010246	192008 - 110010243
192409 - 110010243	192407 - 110010241	192009 - 110010244
192014 - 110010245	192411 - 110010242	192011 - 010000664
192114 - 110010247	192411 - 110010244	192011 - 110010242
192410 - 110010243	192509 - 110010242	192011 - 110010246
192014 - 110010246	192009 - 110010242	192012 - 010000664

192012 - 010000665	192508 - 110010243	192114 - 110017105
192012 - 110010242	192509 - 110010244	192116 - 010000666
192014 - 110010243	192511 - 110010243	192116 - 110017106
192016 - 110010247	192511 - 110010244	192408 - 110010241
192108 - 110010244	192513 - 110010245	192409 - 010000663
192110 - 110017102	192007 - 110010241	192409 - 110010244
192408 - 110010243	192008 - 110010244	192410 - 010000663
192410 - 110010244	192009 - 010000662	192411 - 010000664
192413 - 110010245	192009 - 110010246	192411 - 110010264
192510 - 110010242	192010 - 010000663	192412 - 110010244
192010 - 010000664	192010 - 110017104	192412 - 110010263
192011 - 110010241	192011 - 010000666	192413 - 010000663
192012 - 010000663	192011 - 110010247	192413 - 010000666
192012 - 110010247	192011 - 110010263	192413 - 110010244
192012 - 110017102	192012 - 010000662	192414 - 010000664
192013 - 010000663	192012 - 110010263	192414 - 010000668
192013 - 010000666	192012 - 110010265	192414 - 110010243
192014 - 010000664	192013 - 010000662	192414 - 110010244
192014 - 110010248	192013 - 010000665	192414 - 110010248
192015 - 110010244	192013 - 110010248	192415 - 010000663
192015 - 110010248	192014 - 110010242	192508 - 110010263
192016 - 110010246	192014 - 110010249	192509 - 110010241
192109 - 110010245	192015 - 110010249	192509 - 110010263
192110 - 110010241	192016 - 110017105	192510 - 110010243
192111 - 110010247	192017 - 110010245	192510 - 110010245
192111 - 110017102	192017 - 110010246	192511 - 110010245
192111 - 110017104	192017 - 110010247	192512 - 110010245
192112 - 110010265	192017 - 110010248	192512 - 110010266
192113 - 010000664	192107 - 110010243	192513 - 010000662
192113 - 110010248	192109 - 010000663	192513 - 010000663
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192115 - 010000666	192110 - 110010247	192513 - 110010243
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192116 - 110010245	192111 - 010000663	192513 - 110010267
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192409 - 110010241	192111 - 110010265	192514 - 110010246
192411 - 010000662	192111 - 110010269	192514 - 110010267
192411 - 010000663	192112 - 010000662	192007 - 110010243
192411 - 110010241	192112 - 010000665	192007 - 110017105
192412 - 010000665	192112 - 110017103	192008 - 010000661
192412 - 110010242	192113 - 010000662	192008 - 110010241
192413 - 110010242	192113 - 010000663	192009 - 010000661
192413 - 110010266	192113 - 010000665	192009 - 010000663
192414 - 010000665	192113 - 110017105	192009 - 110010241
192414 - 010000666	192114 - 010000665	192009 - 110010245
192415 - 110010266	192114 - 010000666	192009 - 110010264

192009 - 110017101	192108 - 110010240	192115 - 010000660
192010 - 010000662	192108 - 110010241	192115 - 010000665
192010 - 010000665	192108 - 110017101	192115 - 010000667
192010 - 010000666	192109 - 010000662	192115 - 110010243
192010 - 010000667	192109 - 010000666	192115 - 110010244
192010 - 110010241	192109 - 110010241	192115 - 110010248
192010 - 110010246	192109 - 110017102	192115 - 110010265
192010 - 110010262	192109 - 110017103	192115 - 110010267
192010 - 110017102	192110 - 010000661	192115 - 110017102
192011 - 010000662	192110 - 010000663	192115 - 110017105
192011 - 010000665	192110 - 110010248	192116 - 110010248
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192012 - 110017106	192111 - 110010262	192117 - 110010248
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192013 - 110010265	192112 - 010000666	192118 - 110010246
192013 - 110010267	192112 - 110010241	192118 - 110010247
192014 - 010000663	192112 - 110010242	192118 - 110010248
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192014 - 010000667	192112 - 110010264	192119 - 110010250
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192014 - 110010269	192112 - 110017105	192407 - 110010243
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192015 - 010000662	192113 - 010000667	192408 - 010000664
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192015 - 010000665	192113 - 110010242	192408 - 110010262
192015 - 010000667	192113 - 110010264	192408 - 110017103
192015 - 110010243	192113 - 110010265	192409 - 010000662
192015 - 110010264	192113 - 110010266	192409 - 010000665
192015 - 110010267	192113 - 110010267	192409 - 110010245
192016 - 010000666	192113 - 110017101	192409 - 110010246
192016 - 110010265	192113 - 110017103	192409 - 110010263
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192017 - 010000667	192113 - 110017106	192410 - 010000662
192018 - 010000667	192114 - 010000664	192410 - 010000664
192018 - 110010247	192114 - 010000667	192410 - 010000665
192019 - 010000668	192114 - 110010243	192410 - 110010246
192020 - 110010247	192114 - 110010264	192410 - 110010262
192107 - 110010242	192114 - 110010267	192411 - 110010245
192107 - 110010245	192114 - 110010270	192411 - 110010262
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192108 - 010000662	192114 - 110017106	192412 - 010000662

192412 - 010000663	192415 - 110010264	192512 - 010000663
192412 - 010000667	192415 - 110010265	192512 - 010000664
192412 - 110010245	192416 - 010000664	192512 - 110010241
192412 - 110017103	192416 - 010000666	192512 - 110010242
192413 - 010000664	192416 - 010000667	192512 - 110010244
192413 - 010000667	192417 - 110010249	192512 - 110010248
192413 - 110010241	192417 - 110010266	192512 - 110010264
192413 - 110010247	192508 - 010000661	192512 - 110010265
192413 - 110010264	192508 - 010000663	192513 - 110010264
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192414 - 010000667	192509 - 110010240	192514 - 110010245
192414 - 110010242	192509 - 110010245	192514 - 110010264
192414 - 110010245	192509 - 110010246	192514 - 110010266
192414 - 110010267	192509 - 110010264	192515 - 010000664
192415 - 010000665	192510 - 110010246	192515 - 110010246
192415 - 010000666	192510 - 110010263	192515 - 110010247
192415 - 010000667	192511 - 010000661	192516 - 110010245
192415 - 110010241	192511 - 010000664	192516 - 110010268
192415 - 110010244	192511 - 110010241	192517 - 010000665
192415 - 110010245	192511 - 110010242	
192415 - 110010247	192511 - 110010246	
192415 - 110010248	192512 - 010000662	

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

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

193014 - 110010246	193012 - 110010247	193009 - 110010244
193110 - 110017101	193012 - 110017101	193010 - 110010245
193111 - 110010245	193012 - 110017104	193012 - 010000662
193113 - 110017106	193013 - 010000663	193012 - 010000667
193114 - 110010246	193013 - 010000667	193013 - 010000662
193114 - 110017106	193013 - 110010247	193013 - 110010244
193011 - 110010245	193014 - 110017103	193013 - 110017105
193011 - 110017103	193016 - 010000665	193014 - 110010247
193013 - 110017103	193016 - 110017106	193014 - 110017106
193014 - 010000664	193108 - 110010243	193015 - 010000663
193014 - 010000667	193108 - 110017101	193016 - 010000666
193015 - 010000666	193109 - 110010245	193016 - 010000668
193015 - 010000667	193110 - 010000662	193017 - 110017104
193109 - 110017103	193110 - 110010245	193107 - 110017102
193114 - 110010247	193111 - 010000662	193108 - 110017100
193115 - 110010247	193112 - 110017106	193109 - 110010244
193116 - 110017105	193113 - 110010243	193110 - 010000663
193008 - 110010243	193114 - 110010248	193110 - 110010242
193009 - 110010242	193115 - 110017104	193110 - 110010247
193010 - 110017103	193007 - 110010243	193112 - 010000663
193011 - 110010243	193009 - 010000662	193112 - 110010247
193012 - 110010245	193009 - 010000664	193113 - 010000662
193110 - 110017104	193009 - 110010245	193113 - 010000663
193115 - 110017105	193010 - 010000663	193113 - 110010248
193009 - 110017101	193010 - 110010246	193113 - 110017107
193010 - 010000662	193012 - 110017106	193114 - 010000663
193010 - 110010242	193014 - 110017104	193114 - 110017107
193010 - 110017101	193015 - 110010247	193116 - 110010248
193011 - 010000663	193016 - 010000667	193116 - 110017107
193011 - 010000666	193017 - 010000667	193008 - 010000661
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193012 - 010000666	193110 - 110010246	193008 - 110010244
193013 - 110010243	193111 - 110010244	193008 - 110017101
193013 - 110010245	193111 - 110010247	193008 - 110017103
193013 - 110017102	193112 - 010000665	193008 - 110017104
193014 - 110010245	193113 - 010000665	193009 - 010000661
193014 - 110017105	193114 - 110010245	193009 - 010000665
193015 - 010000665	193114 - 110017102	193010 - 010000666
193113 - 110010245	193115 - 110010248	193010 - 110017104
193115 - 110010246	193115 - 110017107	193011 - 010000661
193115 - 110017103	193116 - 110010246	193011 - 110010242
193008 - 110010242	193117 - 110017105	193011 - 110017100
193009 - 010000663	193117 - 110017107	193012 - 110010242
193011 - 010000662	192807 - 110010242	193012 - 110017100
193011 - 110010244	193007 - 110010241	193013 - 110010248
193012 - 110010246	193008 - 010000663	193014 - 010000662

193014 - 010000663	193008 - 110017100	193017 - 110017106
193014 - 010000668	193008 - 110017102	193018 - 010000668
193014 - 110010244	193008 - 110017109	193018 - 010000669
193014 - 110017102	193009 - 110010246	193018 - 110010246
193015 - 110010246	193009 - 110017100	193018 - 110017106
193015 - 110017104	193009 - 110017103	193019 - 010000668
193015 - 110017106	193010 - 010000660	193107 - 110010243
193108 - 110010244	193010 - 010000665	193107 - 110017101
193108 - 110010245	193010 - 010000667	193108 - 110010241
193109 - 010000662	193010 - 110010241	193108 - 110010242
193109 - 010000663	193010 - 110010265	193108 - 110010262
193109 - 110010242	193010 - 110017105	193108 - 110017099
193109 - 110017104	193010 - 110017106	193109 - 010000661
193110 - 110017105	193011 - 110010248	193109 - 110010246
193111 - 010000661	193011 - 110010262	193109 - 110010247
193111 - 010000663	193011 - 110010265	193109 - 110010264
193111 - 010000664	193011 - 110017101	193109 - 110017100
193111 - 110010242	193012 - 010000668	193110 - 010000661
193111 - 110017100	193012 - 110010263	193110 - 010000664
193112 - 010000664	193012 - 110010266	193110 - 010000665
193112 - 010000666	193013 - 010000661	193110 - 110010267
193112 - 110017107	193013 - 110010242	193110 - 110017100
193113 - 010000664	193013 - 110010264	193110 - 110017106
193113 - 010000666	193013 - 110010265	193111 - 110017101
193113 - 110010249	193013 - 110010267	193112 - 010000661
193114 - 010000664	193014 - 010000669	193112 - 110010242
193115 - 010000663	193014 - 110010249	193112 - 110010263
193115 - 110010245	193014 - 110010264	193112 - 110010266
193116 - 110017103	193014 - 110010265	193112 - 110010268
193118 - 110017105	193014 - 110017108	193112 - 110017101
192807 - 110010241	193015 - 010000664	193113 - 110010242
192808 - 010000663	193015 - 110010243	193113 - 110010244
192808 - 110010239	193015 - 110010244	193114 - 010000662
192808 - 110017100	193015 - 110010249	193114 - 010000666
192808 - 110017104	193015 - 110017105	193114 - 010000667
192907 - 110010243	193016 - 010000663	193114 - 110010243
192907 - 110017102	193016 - 010000664	193114 - 110010244
192908 - 110010246	193016 - 110010247	193115 - 110010244
192908 - 110017101	193016 - 110010249	193115 - 110010249
192908 - 110017103	193016 - 110010272	193116 - 010000664
193007 - 110017103	193016 - 110017104	193116 - 110010250
193008 - 010000660	193017 - 010000665	193116 - 110010267
193008 - 010000662	193017 - 010000666	193116 - 110017104
193008 - 010000664	193017 - 010000668	193117 - 110010248
193008 - 110010245	193017 - 010000669	193117 - 110017103
193008 - 110010246	193017 - 010000671	193117 - 110017106

193117 - 110017108
193118 - 110010248

193118 - 110017106
193118 - 110017107

193119 - 110017107

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

0100551306 - 00875705401	0100551306 - 00875706001	0100551304 - 00875705801
0100551304 - 00875705201	0100551405 - 00875705601	0100551308 - 00875705201
0100551307 - 00875705401	0100551206 - 00875705401	0100551310 - 00875706201
0100551305 - 00875705401	0100551303 - 00875705001	0100551404 - 00875706001
0100551306 - 00875705601	0100551309 - 00875705401	0100551405 - 00875705401
0100551309 - 00875705801	0100551310 - 00875705601	0100551207 - 00875705601
0100551308 - 00875705601	0100551403 - 00875705601	0100551301 - 00875705401
0100551305 - 00875705201	0100551405 - 00875706001	0100551408 - 00875706201
0100551308 - 00875705801	0100551407 - 00875705801	0100551409 - 00875706201
0100551303 - 00875705201	0100551203 - 00875705201	0100551201 - 00875705201
0100551307 - 00875705601	0100551207 - 00875705401	0100551203 - 00875705001
0100551307 - 00875705801	0100551301 - 00875705201	0100551206 - 00875705601
0100551305 - 00875705601	0100551303 - 00875705601	0100551312 - 00875706001
0100551306 - 00875705801	0100551305 - 00875705801	0100551401 - 00875705201
0100551310 - 00875706001	0100551404 - 00875705801	0100551106 - 00875705201
0100551306 - 00875705201	0100551408 - 00875705801	0100551204 - 00875705001
0100551309 - 00875706001	0100551207 - 00875705201	0100551209 - 00875705601
0100551304 - 00875705401	0100551305 - 00875705001	0100551210 - 00875705801
0100551309 - 00875705601	0100551408 - 00875705601	0100551302 - 00875705601
0100551308 - 00875705401	0100551402 - 00875705801	0100551309 - 00875705201
0100551308 - 00875706001	0100551403 - 00875705801	0100551401 - 00875705801
0100551405 - 00875705801	0100551404 - 00875705401	0100551402 - 00875705201
0100551406 - 00875705801	0100551406 - 00875706001	0100551403 - 00875705401
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0100551204 - 00875705201	0100551409 - 00875706001	0100551201 - 00875704801
0100551302 - 00875705401	0100551406 - 00875705601	0100551201 - 00875705001
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0100551307 - 00875705201	0100551409 - 00875705801	0100551206 - 00875705801
0100551303 - 00875705401	0100551204 - 00875705401	0100551208 - 00875705401
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0100551108 - 00875705401
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0100551207 - 00875705800	0100551304 - 00875706201	0100551311 - 00875705401
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Catalog numbers used in the analysis of the Fitmore/G7 combination.

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0100551202 - 010000663
0100551203 - 010000664
0100551204 - 010000662

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0100551301 - 110010247	0100551308 - 110010268	0100551405 - 010000664
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0100551302 - 110010265	0100551310 - 010000671	0100551407 - 110010268
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0100551303 - 110010263	0100551311 - 110010245	0100551408 - 010000668
0100551304 - 010000661	0100551312 - 010000666	0100551408 - 110010243
0100551304 - 010000665	0100551312 - 010000667	0100551408 - 110010268
0100551304 - 110010241	0100551312 - 010000670	0100551409 - 010000668
0100551304 - 110010263	0100551312 - 110010246	0100551409 - 110010250
0100551305 - 010000665	0100551312 - 110010247	0100551409 - 110010267
0100551305 - 010000669	0100551313 - 110010246	0100551409 - 110010268
0100551306 - 010000670	0100551313 - 110010247	0100551410 - 010000664
0100551306 - 110010265	0100551313 - 110010251	0100551410 - 010000667
0100551306 - 110010268	0100551401 - 010000661	0100551410 - 110010244
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0100551307 - 110010266	0100551401 - 110010248	0100551412 - 110010247
0100551307 - 110010269	0100551402 - 110010243	0100551412 - 110010248
0100551308 - 010000667	0100551402 - 110010248	0100551412 - 110010249
0100551308 - 010000668	0100551403 - 010000662	
0100551308 - 110010243	0100551403 - 110010242	

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

00771100900 - 00875705201	00771101320 - 00875705801	00771100740 - 00875705201
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00771101220 - 00875705801	00771101520 - 00875705801	00771101200 - 00875705401
00771101120 - 00875705601	00771101000 - 00875705201	00771101300 - 00875705601
00771101320 - 00875705601	00771101520 - 00875706001	00771101200 - 00875705801
00771101200 - 00875705601	00771101000 - 00875705601	00771100740 - 00875705401
00771100940 - 00875705401	00771101120 - 00875705401	00771101320 - 00875706001
00771100900 - 00875705401	00771101000 - 00875705401	00771101100 - 00875705601

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Catalog numbers used in the analysis of the M/L Taper/G7 combination.

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

00771100700 - 00620204822	00771101100 - 00620205422	00771101100 - 00620205022
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00771100900 - 00620205620
00771100900 - 00620205822
00771100910 - 00620205020
00771100910 - 00620205222
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00771100920 - 00620205820
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00771101020 - 00620204622
00771101020 - 00620205620
00771101020 - 00620206220
00771101040 - 00620205222
00771101040 - 00620205820
00771101100 - 00620205620

00771101100 - 00620205820	00771101200 - 00620207020	00771101600 - 00620206220
00771101100 - 00620206022	00771101210 - 00620205020	00771101600 - 00620207022
00771101110 - 00620204822	00771101210 - 00620205822	00771101620 - 00620206422
00771101110 - 00620205022	00771101220 - 00620204822	00771101720 - 00620205422
00771101110 - 00620205220	00771101220 - 00620206020	00771101720 - 00620206020
00771101110 - 00620205620	00771101240 - 00620205222	00771101720 - 00620206022
00771101110 - 00620205820	00771101240 - 00620205622	00771101720 - 00620206222
00771101120 - 00620205622	00771101240 - 00620206220	00771102000 - 00620205822
00771101120 - 00620206020	00771101300 - 00620206222	00771102000 - 00620206022
00771101120 - 00620206422	00771101300 - 00620206422	00771102020 - 00620205422
00771101140 - 00620205222	00771101320 - 00620207022	00771102020 - 00620205622
00771101140 - 00620205820	00771101500 - 00620206022	00771102020 - 00620206022
00771101140 - 00620205822	00771101500 - 00620206222	00771102220 - 00620205622
00771101140 - 00620206220	00771101500 - 00620206422	
00771101200 - 00620205620	00771101520 - 00620205022	
00771101200 - 00620206422	00771101600 - 00620206022	

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

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00771101100 - 00620005222	00771101520 - 00620006021	00771101520 - 00620006022

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00771101520 - 00620006224	00771100920 - 00620006021	00771101220 - 00620006221
00771101520 - 00620006421	00771100920 - 00620006022	00771101220 - 00620006422
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00771101720 - 00620005822	00771101010 - 00620005420	00771101240 - 00620005824
00771100440 - 00620005024	00771101020 - 00620005022	00771101240 - 00620006422
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00771100500 - 00620005422	00771101020 - 00620006222	00771101300 - 00620005220
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00771100510 - 00620005422	00771101040 - 00620006022	00771101300 - 00620006020
00771100520 - 00620005022	00771101040 - 00620006024	00771101300 - 00620006422
00771100540 - 00620004822	00771101040 - 00620006222	00771101320 - 00620005421
00771100540 - 00620005024	00771101040 - 00620006622	00771101320 - 00620005422
00771100540 - 00620005221	00771101100 - 00620004822	00771101320 - 00620005621
00771100600 - 00620005220	00771101100 - 00620005220	00771101320 - 00620006422
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00771100710 - 00620005420	00771101140 - 00620005022	00771101620 - 00620005022
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00771100910 - 00620005620	00771101220 - 00620005022	00771102020 - 00620006022
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Catalog numbers used in the analysis of the Polarstem/Reflection 3 combination.

75100466 - 71335552	75100480 - 71335556	75018404 - 71335554
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75100466 - 71335548	75100476 - 71335552	75018416 - 71335558
75100467 - 71335554	75018403 - 71338666	75100467 - 71338666
75100464 - 71335548	75018416 - 71335554	75100470 - 71335560
75100466 - 71335554	75018417 - 71335554	75100475 - 71335554
75100468 - 71335552	75100465 - 71335556	75100480 - 71335554
75100468 - 71335554	75100467 - 71335550	75100480 - 71335558
75100464 - 71335552	75100477 - 71335558	75018402 - 71338664
75018416 - 71335556	75100479 - 71335554	75018402 - 71338667
75100463 - 71335552	75018401 - 71338665	75018403 - 71338667
75018417 - 71335556	75100471 - 71335556	75018405 - 71335558
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75100467 - 71335556	75018418 - 71335558	75018413 - 71335556
75100469 - 71335556	75100463 - 71335550	75018414 - 71335552
75100468 - 71335556	75100466 - 71335558	75018417 - 71335560
75100469 - 71335552	75100467 - 71335560	75018418 - 71335554
75100469 - 71335554	75102209 - 71335558	75018418 - 71335560
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75018417 - 71335558	75018402 - 71335554	75100482 - 71335556
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75018418 - 71335556	75018419 - 71335558	75018401 - 71338664
75100467 - 71335558	75018400 - 71338665	75018403 - 71335554
75100468 - 71335558	75018402 - 71335552	75018403 - 71335556
75100469 - 71335548	75018403 - 71335552	75018404 - 71338668
75100478 - 71335554	75018419 - 71335556	75018404 - 71338669
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75018416 - 71335560	75100468 - 71338666	75018404 - 71335558
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75100480 - 71335552	75102250 - 71338666	
75100480 - 71338667	75102250 - 71338667	
75100481 - 71335562	75102251 - 71335548	

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

160107132 - 5020354E	160108132 - 5020354E	160107127 - 5021150D
160107132 - 5020352D	160109132 - 5421152E	160110132 - 5020354E
160107127 - 5021152E	160108132 - 5421150E	160108127 - 5020354E
160107132 - 5421150E	160109132 - 5020354E	160108127 - 5021150D
160108127 - 5021156F	160109132 - 5020356E	160109127 - 5021152E
160107132 - 5020356E	160110127 - 5021160G	160109132 - 5421154F
160108127 - 5021152E	160106132 - 5020352D	160106132 - 5421150E
160108132 - 5021152E	160107132 - 5021150D	160107127 - 5020350D
160108132 - 5020352D	160108127 - 5021154E	160107127 - 5020354E
160108132 - 5421154F	160108132 - 5020356E	160107127 - 5021154E
160109127 - 5021154E	160108132 - 5020358F	160107132 - 5021152E
160107132 - 5020350D	160106132 - 5020350D	160107132 - 5421152E

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

160110132 - 5020352D
160106127 - 5021148D
160106132 - 5021152E
160107127 - 5020348C
160108127 - 5020356E
160108132 - 5421158G
160109127 - 5020352D
160109132 - 5421158G
160111132 - 5020358F
160105132 - 5020354E
160106127 - 5020348C
160106132 - 5020356E
160106132 - 5021148D
160107127 - 5021148D
160107127 - 5021156F
160107127 - 5421146D
160107127 - 5421150E
160107127 - 5421152E
160107132 - 5000352D
160107132 - 5020346B
160107132 - 5021148D
160108127 - 5020360F
160108127 - 5421152E
160108132 - 5000358F
160109127 - 5020356E
160109132 - 5000360F
160109132 - 5020364G
160109132 - 5021150D
160109132 - 5021156F
160109132 - 5021158F
160110127 - 5021150D
160110127 - 5021162G
160110132 - 5000360F
160110132 - 5020356E
160110132 - 5021154E
160110132 - 5021158F
160110132 - 5421154F
160110132 - 5421156F
160111127 - 5021156F
160111127 - 5021160G
160111132 - 5020354E
160111132 - 5421156F
160105132 - 5021150D
160106127 - 5020354E
160106127 - 5020358F
160106127 - 5021156F

160106127 - 5421148D
160106127 - 5421150E
160106132 - 5000350D
160106132 - 5421152E
160107127 - 5020362G
160107127 - 5421148D
160107132 - 5020362G
160107132 - 5021154E
160108127 - 5000354E
160108127 - 5000356E
160108127 - 5421156F
160108132 - 5000354E
160108132 - 5000356E
160108132 - 5000360F
160108132 - 5020348C
160108132 - 5021158F
160109127 - 5020360F
160109127 - 5020362G
160109127 - 5090268H
160109127 - 5421154F
160109127 - 5421156F
160109132 - 5020348C
160109132 - 5021160G
160109132 - 5421160G
160110127 - 5020360F
160110132 - 5020350D
160110132 - 5021156F
160111132 - 5020352D
160112132 - 5020358F
160105132 - 5020346B
160105132 - 5020348C
160105132 - 5421146D
160105132 - 5421150E
160106127 - 5000354E
160106127 - 5020360F
160106127 - 5021146C
160106127 - 5021154E
160106127 - 5021160G
160106127 - 5421144C
160106127 - 5421152E
160106127 - 5421154F
160106132 - 5021154E
160106132 - 5021160G
160106132 - 5421148D
160106132 - 5421154F
160106132 - 5421156F

160107127 - 5020358F	160108132 - 5021148D	160110132 - 5021150D
160107127 - 5021160G	160108132 - 5090254E	160110132 - 5021152E
160107127 - 5081152E	160108132 - 5090260F	160110132 - 5021160G
160107132 - 5000350D	160108132 - 5401156F	160110132 - 5021162G
160107132 - 5000354E	160108132 - 5421160G	160110132 - 5081158F
160107132 - 5000356E	160109127 - 5020350D	160110132 - 5421152E
160107132 - 5021156F	160109127 - 5421158G	160110132 - 5421158G
160107132 - 5021158F	160109127 - 5421160G	160110132 - 5421160G
160107132 - 5401150E	160109132 - 5000354E	160111127 - 5020354E
160107132 - 5421156F	160109132 - 5000358F	160111127 - 5020358F
160108127 - 5000358F	160109132 - 5020346B	160111127 - 5021154E
160108127 - 5000360F	160109132 - 5020366H	160111127 - 5021158F
160108127 - 5020152E	160109132 - 5021162G	160111127 - 5421160G
160108127 - 5020350D	160109132 - 5090256E	160111132 - 5000358F
160108127 - 5020352D	160109132 - 5090258F	160111132 - 5020350D
160108127 - 5020362G	160109132 - 5401156F	160111132 - 5020356E
160108127 - 5021148D	160109132 - 5421162H	160111132 - 5020360F
160108127 - 5021162G	160110127 - 5020356E	160111132 - 5021160G
160108127 - 5021164H	160110127 - 5020362G	160111132 - 5421154F
160108127 - 5081160G	160110127 - 5021164H	160112127 - 5020156F
160108127 - 5401158G	160110127 - 5421156F	160112127 - 5021160G
160108127 - 5421150E	160110132 - 5000358F	160112127 - 5021162G
160108127 - 5421158G	160110132 - 5000362G	160112132 - 5020356E
160108132 - 5000352D	160110132 - 5020360F	160112132 - 5021162G
160108132 - 5020346B	160110132 - 5020364G	

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

160107127 - 7020450D	160108132 - 7020452E	160108127 - 7021152E
160108127 - 7020452E	160109132 - 7020454E	160108132 - 7020450D
160107127 - 7020452E	160110132 - 7020452E	160109127 - 7020452E
160108127 - 7020454E	160110132 - 7020454E	160109127 - 7020460G
160109127 - 7020456F	160107127 - 7020448D	160109132 - 7020448D
160109132 - 7020450D	160107132 - 7020452E	160110127 - 7020462G
160107127 - 7020454E	160107132 - 7020456F	160110132 - 7020456F
160108127 - 7020450D	160110127 - 7020456F	160107127 - 7020460G
160108127 - 7020456F	160110127 - 7020458F	160109132 - 7020452E
160108132 - 7020454E	160111132 - 7020458F	160109132 - 7020456F
160109127 - 7020454E	160107132 - 7020454E	160110127 - 7020454E
160109127 - 7020458F	160108132 - 7020448D	160110127 - 7020460G
160106127 - 7020448D	160108132 - 7020456F	160110132 - 7020450D
160106127 - 7020452E	160111132 - 7020456F	160111132 - 7020450D
160107132 - 7020448D	160106127 - 7020450D	160105132 - 7020450D
160108127 - 7020458F	160107127 - 7020456F	160106127 - 7020454E

160106132 - 7020450D	160111127 - 7021160G	160109127 - 7020448D
160107127 - 7021150D	160111132 - 7020452E	160109127 - 7020462G
160107127 - 7021154E	160111132 - 7020454E	160109127 - 7021158F
160107132 - 7000450D	160105132 - 7021148D	160109127 - 7021162G
160107132 - 7020446C	160106127 - 7020446C	160109127 - 7090464H
160107132 - 7020450D	160106127 - 7020458F	160109132 - 7000450D
160108127 - 7020448D	160106127 - 7020462G	160109132 - 7000456F
160108127 - 7021156F	160106127 - 7020464H	160109132 - 7000460G
160108132 - 7000452E	160106127 - 7021150D	160109132 - 7421160G
160109127 - 7021152E	160106127 - 7021154E	160110127 - 7021152E
160109127 - 7021154E	160106127 - 7421152E	160110127 - 7021158F
160109132 - 7090450D	160106132 - 7020452E	160110127 - 7090450D
160110127 - 7020452E	160106132 - 7090448D	160110127 - 7090464H
160110127 - 7021160G	160107127 - 7020446C	160110132 - 7000454E
160106127 - 7021148D	160107127 - 7021148D	160110132 - 7090450D
160106127 - 7021152E	160107127 - 7021156F	160110132 - 7090452E
160106132 - 7020448D	160107127 - 7021158F	160110132 - 7421154E
160106132 - 7020454E	160107127 - 7090450D	160111127 - 7020456F
160107127 - 7020458F	160107132 - 7000448D	160111127 - 7020462G
160107127 - 7021152E	160107132 - 7020458F	160111132 - 7000456F
160107132 - 7000452E	160108127 - 7021148D	160111132 - 7020448D
160107132 - 7021146C	160108127 - 7021150D	160111132 - 7020460G
160108132 - 7000446C	160108127 - 7090464H	160111132 - 7020462G
160109127 - 7020450D	160108127 - 7421154E	160112127 - 7020454E
160109127 - 7021156F	160108132 - 7000448D	160112127 - 7020462G
160109132 - 7000452E	160108132 - 7000450D	160112127 - 7021160G
160109132 - 7000454E	160108132 - 7000454E	160112127 - 7021164H
160109132 - 7020462G	160108132 - 7000456F	160112132 - 7020456F
160110127 - 7021154E	160108132 - 7020458F	160112132 - 7020458F
160110132 - 7020458F	160108132 - 7020460G	160112132 - 7020460G
160111127 - 7020458F	160108132 - 7021150D	
160111127 - 7020460G	160108132 - 7421156F	
160111127 - 7021158F	160108132 - 7421160G	

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

60510830S - 5421150E	60511035S - 5421154F	60511140S - 5421158G
60510935S - 5421154F	60510935S - 5421156F	60510830S - 5020354E
60510830S - 5421152E	60511035S - 5421156F	60510830S - 5421158G
60510935S - 5421152E	60510935S - 5421158G	60510935S - 5020354E
60511035S - 5421158G	60510730S - 5421152E	60520830S - 5021154E
60510730S - 5421150E	60511035S - 5421152E	60510730S - 5421148D
60510830S - 5421154F	60510625S - 5421150E	60510830S - 5421156F
60510935S - 5421150E	60511035S - 5421160G	60511035S - 5020356E

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

60520935S - 5021158F
60521035S - 5021158F
60521035S - 5421156F
60510625S - 5421152E
60510830S - 5021154E
60510935S - 5401152E
60511035S - 5021156F
60511035S - 5401154F
60511140S - 5421154F
60520730S - 5021148D
60520730S - 5421150E
60520830S - 5020354E
60520830S - 5421150E
60520830S - 5421156F
60520935S - 5421158G
60510730S - 5021150D
60510830S - 5401152E
60510935S - 5421160G
60511035S - 5021158F
60511240S - 5421158G
60520935S - 5021152E
60521035S - 5020356E
60521035S - 5020360F
60521035S - 5421158G
60510730S - 5020350D
60510730S - 5421156F
60510830S - 5020350D
60510935S - 5021152E
60510935S - 5021156F
60510935S - 5401156F
60511035S - 5020354E
60511035S - 5401150E
60520625S - 5421150E
60520830S - 5021150D
60520830S - 5421148D
60520935S - 5021150D
60510625S - 5421146D
60510830S - 5090256E
60510830S - 5421160G
60511140S - 5020356E
60511140S - 5020362G
60511140S - 5401154F
60511140S - 5421152E
60511140S - 5421164H
60520730S - 5020352D
60520730S - 5421148D

60520830S - 5020352D
60520935S - 5421150E
60521035S - 5021154E
60521035S - 5021156F
60510830S - 5021150D
60510935S - 5021150D
60510935S - 5090256E
60511035S - 5020350D
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60510525S - 5421148D
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60510830S - 5401148D
60510935S - 5000358F
60510935S - 5020360F
60510935S - 5021158F
60510935S - 5401148D
60510935S - 5401158G
60511035S - 5020362G
60511140S - 5020354E
60511140S - 5020358F
60511140S - 5020364G
60511140S - 5401156F
60511240S - 5421156F
60511240S - 5421162H
60520625S - 5021150D
60520730S - 5000354E
60520730S - 5020354E
60520935S - 5020362G
60520935S - 5401150E
60520935S - 5421156F
60521035S - 5020358F
60521035S - 5021152E
60521035S - 5401150E
60521140S - 5401154F
60521140S - 5401156F
60521140S - 5421156F
60510525S - 5421150E
60510625S - 5020350D
60510625S - 5020354E

60510730S - 5000354E	60521035S - 5421160G	60511140S - 5000358F
60510730S - 5020356E	60521140S - 5020360F	60511140S - 5020352D
60510730S - 5021154E	60521140S - 5421154F	60511140S - 5020360F
60510730S - 5021156F	60521140S - 5421158G	60511140S - 5021156F
60510730S - 5090262G	60510425S - 5421146D	60511140S - 5021160G
60510730S - 5421146D	60510525S - 5021152E	60511140S - 5081152E
60510830S - 5000354E	60510625S - 5000352D	60511140S - 5081158F
60510830S - 5021148D	60510625S - 5000354E	60511140S - 5090254E
60510830S - 5081150D	60510625S - 5020352D	60511140S - 5090260F
60510830S - 5090264G	60510625S - 5421154F	60511140S - 5401152E
60510830S - 5401144C	60510730S - 5000350D	60511140S - 5401160G
60510830S - 5401146D	60510730S - 5000356E	60511240S - 5020350D
60510830S - 5401154F	60510730S - 5020348C	60511240S - 5020358F
60510935S - 5000356E	60510730S - 5020358F	60511240S - 5021158F
60510935S - 5000360F	60510730S - 5081150D	60511240S - 5090260F
60510935S - 5020348C	60510730S - 5081152E	60511240S - 5090270I
60510935S - 5081152E	60510730S - 5090256E	60511240S - 5401156F
60510935S - 5090260F	60510730S - 5401146D	60511240S - 5401158G
60511035S - 5021152E	60510730S - 5401148D	60511240S - 5401160G
60511035S - 5021154E	60510730S - 5401150E	60511240S - 5421164H
60511035S - 5090254E	60510830S - 5000352D	60511340S - 5020354E
60511035S - 5090256E	60510830S - 5000358F	60511340S - 5020364G
60511035S - 5090262G	60510830S - 5020346B	60511340S - 5421168I
60511035S - 5421162H	60510830S - 5020362G	60511440S - 5421158G
60511140S - 5021154E	60510830S - 5021158F	60511440S - 5421164H
60511140S - 5401150E	60510830S - 5081160G	60520625S - 5020350D
60511140S - 5421162H	60510830S - 5090258F	60520625S - 5020352D
60511240S - 5020360F	60510830S - 5421146D	60520625S - 5020354E
60511240S - 5020362G	60510935S - 5000350D	60520625S - 5021154E
60511240S - 5020364G	60510935S - 5000354E	60520625S - 5021156F
60511240S - 5021156F	60510935S - 5020366H	60520625S - 5401150E
60511240S - 5401154F	60510935S - 5021160G	60520625S - 5421144C
60520625S - 5021152E	60510935S - 5081150D	60520625S - 5421146D
60520730S - 5020356E	60510935S - 5081154E	60520625S - 5421154F
60520730S - 5421146D	60510935S - 5081156F	60520730S - 5020350D
60520730S - 5421154F	60510935S - 5081158F	60520730S - 5020358F
60520830S - 5020360F	60510935S - 5090254E	60520730S - 5021156F
60520830S - 5021158F	60510935S - 5090258F	60520730S - 5090258F
60520935S - 5021160G	60510935S - 5421148D	60520730S - 5401146D
60520935S - 5081150D	60510935S - 5421162H	60520730S - 5401150E
60520935S - 5081152E	60511035S - 5000358F	60520830S - 5021148D
60520935S - 5090262G	60511035S - 5000360F	60520830S - 5090254E
60520935S - 5421160G	60511035S - 5020364G	60520830S - 5401148D
60521035S - 5020362G	60511035S - 5090260F	60520830S - 5421158G
60521035S - 5021160G	60511035S - 5090264G	60520830S - 5421160G
60521035S - 5401154F	60511035S - 5401160G	60520830S - 5421164H

60520935S - 5020352D	60521035S - 5081156F	60521240S - 5020364G
60520935S - 5021164H	60521035S - 5421150E	60521240S - 5021158F
60520935S - 5090254E	60521140S - 5020354E	60521240S - 5090260F
60520935S - 5090258F	60521140S - 5020356E	60521240S - 5421156F
60520935S - 5090264G	60521140S - 5021152E	60521240S - 5421160G
60520935S - 5401148D	60521140S - 5021154E	60521340S - 5020356E
60520935S - 5401152E	60521140S - 5021156F	60521340S - 5020360F
60520935S - 5401154F	60521140S - 5021160G	60521340S - 5021154E
60520935S - 5401156F	60521140S - 5090260F	60521340S - 5090268H
60520935S - 5421146D	60521140S - 5401160G	60521340S - 5421158G
60520935S - 5421148D	60521140S - 5421150E	
60521035S - 5081152E	60521240S - 5020358F	
60521035S - 5081154E	60521240S - 5020360F	

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

60540812S - 5421150E	60540610S - 5421146D	60540612S - 5021152E
60540913S - 5421154F	60540812S - 5421156F	60540711S - 5020352D
60540711S - 5421150E	S2337HF08 - 5421152E	60540713S - 5021150D
60541014S - 5421154F	60540915S - 5421150E	60540814S - 5020354E
60540812S - 5421154F	60541014S - 5421150E	60540814S - 5421158G
60540913S - 5421150E	60540812S - 5020352D	60540913S - 5020352D
60541014S - 5421158G	60541115S - 5421160G	60540913S - 5421160G
60541115S - 5421158G	S2337HF09 - 5421156F	60540915S - 5020354E
60540913S - 5421156F	60540812S - 5421158G	60540915S - 5021152E
60540913S - 5421158G	60541014S - 5421160G	60540915S - 5421158G
60541014S - 5421156F	60541016S - 5421154F	60541014S - 5021158F
60540711S - 5421146D	60540913S - 5020356E	60541016S - 5020358F
60540711S - 5421154F	S2337HF08 - 5421156F	60541016S - 5421152E
60540713S - 5421150E	60540711S - 5421152E	60541115S - 5421156F
60540913S - 5421152E	60540812S - 5020350D	60541117S - 5421158G
60540812S - 5421152E	60540814S - 5020352D	S2337HF07 - 5421148D
60540915S - 5421154F	60540814S - 5021152E	S2337HF10 - 5421158G
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S2337HF08 - 5421154F	S2337HF10 - 5421154F	60540713S - 5421154F
S2337HF09 - 5421154F	60540610S - 5421150E	60540814S - 5021154E
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60540913S - 5020354E	60541014S - 5020358F	60540612S - 5021148D
S2337HF07 - 5421152E	S2337HF07 - 5421154F	60540711S - 5020350D
S2337HF08 - 5421150E	S2337HF07 - 5421156F	60540812S - 5020356E
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60540814S - 5020356E	60540812 - 5421150E	60540610S - 5021152E
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60540913S - 5021158F	60540812S - 5421160G	60540711S - 5020358F
60540913S - 5401154F	60540814S - 5021156F	60540711S - 5020362G
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60541014S - 5020354E	60540913S - 5421146D	60540711S - 5081150D
60541016S - 5421158G	60540915S - 5021154E	60540711S - 5090256E
60541115S - 5421162H	60541014S - 5020360F	60540711S - 5421156F
60541117S - 5421154F	60541014S - 5401154F	60540713S - 5020354E
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S2337HF08 - 5421148D	60541014S - 5401158G	60540713S - 5081148D
S2337HF11 - 5421158G	60541014S - 5421164H	60540713S - 5421142B
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60540711S - 5421158G	60541016S - 5021154E	60540812S - 5000352D
60540713S - 5021148D	60541016S - 5021156F	60540812S - 5021154E
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60541014S - 5020362G	60541218S - 5020360F	60540814S - 5401158G
60541014S - 5021154E	S2337HF06 - 5421146D	60540814S - 5421148D
60541016S - 5020360F	S2337HF07 - 5020350D	60540913S - 5020348C
60541016S - 5020362G	S2337HF07 - 5020352D	60540913S - 5021154E
60541016S - 5021152E	S2337HF08 - 5021154E	60540913S - 5021156F
60541016S - 5421160G	S2337HF08 - 5090254E	60540913S - 5081148D
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60541216S - 5421158G	S2337HF09 - 5021154E	60540913S - 5401150E
S2337HF07 - 5421146D	S2337HF09 - 5421148D	60540913S - 5401152E
S2337HF09 - 5421158G	S2337HF09 - 5421150E	60540913S - 5401158G
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60540511S - 5421146D	S2337HF10 - 5421156F	60540915S - 5421160G
60540612S - 5021150D	S2337HF11 - 5421160G	60541014S - 5000356E
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60541014S - 5421162H	60541117S - 5421156F	S2337HF09 - 5021156F
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60541016S - 5081152E	60541218S - 5000360F	S2337HF10 - 5090260F
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60541115S - 5421164H	S2337HF08 - 5021146C	S2337HF11 - 5421164H
60541117S - 5020354E	S2337HF08 - 5021150D	S2337HF12 - 5021156F
60541117S - 5020356E	S2337HF08 - 5021152E	S2337HF12 - 5421154F
60541117S - 5020362G	S2337HF08 - 5090256E	
60541117S - 5020366H	S2337HF08 - 5090260F	
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Catalog numbers used in the analysis of the SROM/Pinnacle combination.

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523208 - 121730046	523420 - 121730064	563518 - 121701054
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Catalog numbers used in the analysis of the Summit/Pinnacle combination.

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157001100 - 121722052	157011120 - 121732058	157011110 - 121732050
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157001120 - 121732052	157011100 - 121722054	157001135 - 121722058
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157001090 - 121732056	157011120 - 121722062	157003100 - 121732056
157001100 - 121731050	157011135 - 121731052	157003100 - 121732056
157001100 - 121731052	157011135 - 121732050	157003110 - 121732048
157001150 - 121731056	157013110 - 121732052	157003135 - 121732054
157003090 - 121732048	157001070 - 121732050	157003135 - 121732058
157003100 - 121732050	157001080 - 121722054	157011070 - 121730046
		157011080 - 121732050

157011090 - 121701050	157001180 - 121722056	157013100 - 121732048
157011090 - 121730046	157001180 - 121732056	157013100 - 121732050
157011090 - 121731048	157001180 - 121732060	157013100 - 121732056
157011090 - 121732058	157003100 - 121732058	157013110 - 121722048
157011100 - 121701054	157003110 - 121730060	157013110 - 121730052
157011100 - 121731054	157003120 - 121732050	157013110 - 121732056
157011100 - 121732060	157003135 - 121732050	157013120 - 121732054
157011110 - 121701048	157011070 - 121732050	157013135 - 121722056
157011110 - 121701056	157011080 - 121701048	157013135 - 121732060
157011110 - 121722060	157011080 - 121730044	157001070 - 121720038
157011110 - 121732060	157011080 - 121730052	157001070 - 121722054
157011120 - 121731056	157011080 - 121731048	157001070 - 121730046
157011150 - 121701052	157011080 - 121731052	157001070 - 121730048
157011150 - 121701058	157011100 - 121701050	157001080 - 121701048
157011150 - 121731054	157011100 - 121703052	157001080 - 121701052
157011150 - 121731056	157011100 - 121722060	157001080 - 121731052
157011150 - 121731058	157011100 - 121730052	157001080 - 121732060
157013090 - 121732052	157011110 - 121730052	157001080 - 121732062
157013100 - 121732054	157011110 - 121731048	157001090 - 121722056
157013110 - 121732054	157011110 - 121731058	157001090 - 121730044
157001070 - 121720046	157011120 - 121701050	157001090 - 121730052
157001070 - 121722050	157011120 - 121730056	157001090 - 121730056
157001070 - 121732052	157011120 - 121730058	157001090 - 121731052
157001080 - 121720046	157011120 - 121731050	157001090 - 121732058
157001090 - 121730048	157011120 - 121731058	157001100 - 121701050
157001090 - 121730050	157011135 - 121701050	157001100 - 121701054
157001090 - 121730054	157011135 - 121701052	157001100 - 121703048
157001100 - 121701052	157011135 - 121701060	157001100 - 121703052
157001100 - 121730050	157011135 - 121722062	157001100 - 121720046
157001100 - 121730056	157011135 - 121730052	157001100 - 121722058
157001110 - 121701056	157011135 - 121730064	157001100 - 121730044
157001110 - 121722060	157011135 - 121731062	157001100 - 121730058
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157001110 - 121730046	157011150 - 121701060	157001100 - 121731056
157001110 - 121730048	157011150 - 121730062	157001100 - 121732060
157001110 - 121730052	157011150 - 121731060	157001110 - 121730060
157001110 - 121731056	157011150 - 121732052	157001110 - 121731058
157001120 - 121730052	157011165 - 121722052	157001120 - 121701054
157001120 - 121731060	157011165 - 121732052	157001120 - 121722062
157001135 - 121701056	157011180 - 121722054	157001120 - 121730054
157001135 - 121722048	157011180 - 121722058	157001120 - 121730056
157001150 - 121722062	157011180 - 121722060	157001120 - 121730058
157001150 - 121731052	157011180 - 121732060	157001120 - 121730060
157001150 - 121732064	157011180 - 121732062	157001120 - 121730062
157001165 - 121722062	157013090 - 121732048	157001120 - 121730064
157001165 - 121731056	157013100 - 121731050	157001120 - 121731050

157001120 - 121732064	157003150 - 121732050	157011120 - 121730052
157001135 - 121701050	157003150 - 121732052	157011120 - 121730054
157001135 - 121701054	157003150 - 121732058	157011120 - 121730060
157001135 - 121722064	157003150 - 121732060	157011120 - 121731048
157001135 - 121730052	157003150 - 121732062	157011120 - 121731060
157001135 - 121730060	157011070 - 121722048	157011120 - 121732048
157001135 - 121730062	157011070 - 121722050	157011135 - 121703056
157001135 - 121730066	157011070 - 121722054	157011135 - 121722048
157001135 - 121732064	157011070 - 121730044	157011135 - 121730056
157001150 - 121722048	157011070 - 121731048	157011135 - 121730058
157001150 - 121730064	157011070 - 121732052	157011135 - 121730062
157001150 - 121731054	157011070 - 121732054	157011135 - 121731060
157001150 - 121732048	157011080 - 121701050	157011135 - 121732048
157001150 - 121732066	157011080 - 121701052	157011135 - 121732066
157001165 - 121701056	157011080 - 121722056	157011150 - 121731052
157001165 - 121722052	157011080 - 121732054	157011150 - 121732064
157001165 - 121730054	157011090 - 121703050	157011165 - 121701056
157001165 - 121731052	157011090 - 121730044	157011165 - 121701058
157001165 - 121731054	157011090 - 121730048	157011165 - 121722064
157001165 - 121732064	157011090 - 121730056	157011165 - 121722066
157001180 - 121722054	157011090 - 121732060	157011165 - 121731060
157001180 - 121722058	157011100 - 121701056	157011165 - 121732064
157001180 - 121722060	157011100 - 121701058	157011180 - 121732054
157001180 - 121722066	157011100 - 121703054	157011180 - 121732058
157001180 - 121732058	157011100 - 121703056	157013090 - 121717062
157003080 - 121720046	157011100 - 121720046	157013090 - 121732050
157003080 - 121730048	157011100 - 121730048	157013090 - 121732054
157003080 - 121732054	157011100 - 121730054	157013090 - 121732056
157003090 - 121722056	157011100 - 121730056	157013090 - 121732058
157003090 - 121730050	157011100 - 121731050	157013110 - 121722052
157003090 - 121731048	157011100 - 121731056	157013110 - 121731048
157003100 - 121722048	157011110 - 121701058	157013110 - 121732048
157003100 - 121722050	157011110 - 121701060	157013110 - 121732058
157003100 - 121730052	157011110 - 121703052	157013110 - 121732060
157003100 - 121732060	157011110 - 121703054	157013110 - 121732062
157003110 - 121730054	157011110 - 121730048	157013110 - 121732064
157003110 - 121730056	157011110 - 121730054	157013120 - 121722056
157003110 - 121730058	157011110 - 121730056	157013120 - 121730056
157003110 - 121732058	157011110 - 121730060	157013120 - 121730060
157003110 - 121732060	157011110 - 121731060	157013120 - 121731050
157003110 - 121732064	157011110 - 121732064	157013120 - 121732052
157003135 - 121722058	157011120 - 121701048	157013120 - 121732058
157003135 - 121732060	157011120 - 121701058	157013135 - 121730054
157003135 - 121732062	157011120 - 121703056	157013135 - 121732052
157003150 - 121722050	157011120 - 121720054	157013135 - 121732054
157003150 - 121722056	157011120 - 121722064	157013135 - 121732058

157013150 - 121722052
157013150 - 121732056

157013150 - 121732062

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

71306614 - 71335554	71306113 - 71331856	71306112 - 71331848
71306613 - 71335552	71306114 - 71335550	71306112 - 71335548
71306113 - 71335552	71306117 - 71335558	71306114 - 71335560
71306114 - 71335552	71306613 - 71331852	71306114 - 71335562
71306114 - 71335554	71306614 - 71331854	71306116 - 71335562
71306613 - 71335554	71306616 - 71335554	71306117 - 71335560
71306614 - 71335552	71306113 - 71331854	71306117 - 71335562
71306116 - 71335556	71306613 - 71331850	71306611 - 71331850
71306615 - 71335552	71306616 - 71335558	71306611 - 71335550
71306115 - 71335556	71306115 - 71335558	71306613 - 71335558
71306112 - 71335552	71306611 - 71335552	71306614 - 71331850
71306614 - 71335550	71306612 - 71331854	71306614 - 71331856
71306114 - 71335556	71306612 - 71335554	71306615 - 71335560
71306115 - 71335552	71306113 - 71331850	71306617 - 71335552
71306115 - 71335554	71306114 - 71331858	71316014 - 71335552
71306612 - 71335552	71306115 - 71331858	71316216 - 71335556
71306117 - 71335556	71306116 - 71331856	71306111 - 71335548
71306615 - 71335554	71306612 - 71331852	71306111 - 71335552
71306112 - 71335554	71306613 - 71335548	71306111 - 71335554
71306614 - 71335556	71306614 - 71335548	71306112 - 71335556
71306616 - 71335556	71306614 - 71335558	71306113 - 71335548
71306113 - 71335554	71306616 - 71335560	71306113 - 71335558
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71306613 - 71335550	71306113 - 71331852	71306115 - 71335560
71306112 - 71331854	71306113 - 71331858	71306116 - 71331854
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71306116 - 71335558	71306114 - 71331854	71306611 - 71331848
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71306616 - 71335552	71306116 - 71335552	71306613 - 71331856
71306113 - 71335550	71306118 - 71335558	71306613 - 71335560
71306114 - 71331856	71306612 - 71331848	71306614 - 71331860
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71306612 - 71331850	71306614 - 71331852	71306615 - 71335550
71306612 - 71335548	71306614 - 71335560	71306616 - 71335548
71306615 - 71335556	71306615 - 71335548	71306617 - 71335556
71306615 - 71335558	71306616 - 71331856	71306617 - 71335562
71306112 - 71331852	71306617 - 71335554	71306618 - 71335556

71926107 - 71335558
71306110 - 71331850
71306111 - 71331852
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71306609 - 71335548
71306610 - 71331854
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71306611 - 71331858
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71306613 - 71331860
71306613 - 71338666
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71306614 - 71331858
71306614 - 71331862
71306614 - 71338665
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71316216 - 71335552
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71316217 - 71335558
71316217 - 71338669
71926107 - 71335562
71927414 - 71335560

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

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

51103090 - 00875705202	51103170 - 00875705402	51104130 - 00875705802
51103090 - 00875705601	51103180 - 00875705202	51104140 - 00875705001
51103100 - 00875704402	51103180 - 00875705402	51104140 - 00875705802
51103110 - 00875704801	51103180 - 00875705802	51104140 - 00875706201
51103110 - 00875705202	51103180 - 00875706001	51104150 - 00875705802
51103110 - 00875706201	51103200 - 00875705801	51104150 - 00875706202
51103120 - 00875705202	51103200 - 00875706001	51104160 - 00875705201
51103120 - 00875705402	51103200 - 00875706201	51104170 - 00875705601
51103130 - 00875705001	51103200 - 00875706202	51104170 - 00875705802
51103140 - 00875705402	51103220 - 00875706001	51104170 - 00875706002
51103150 - 00875705002	51104090 - 00875705801	51104180 - 00875705601
51103150 - 00875705402	51104100 - 00875705202	51104180 - 00875705801
51103150 - 00875706401	51104110 - 00875704801	51104180 - 00875706201
51103160 - 00875705402	51104120 - 00875705001	51104180 - 00875706401
51103160 - 00875705601	51104120 - 00875705201	51104200 - 00875706201
51103160 - 00875706201	51104120 - 00875705202	51104200 - 00875706401
51103160 - 00875706401	51104120 - 00875706201	
51103170 - 00875704801	51104130 - 00875705402	

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

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

51103120 - 110010245
51104090 - 110010243
51104100 - 110017104
51104150 - 010000665
51104150 - 010000666
51101080 - 110010243
51104100 - 010000662
51104100 - 010000665
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51104140 - 010000664
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51100080 - 010000662
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51103090 - 110017103
51103110 - 010000662
51103110 - 110010243
51103140 - 010000664
51104090 - 110017103
51104150 - 110010248
51104150 - 110017105
51104160 - 110010246
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51104120 - PT106066
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51104180 - PT106062
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Catalog numbers used in the analysis of the Taperloc 133/RingLoc+ combination.

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51104150 - 14103658	51103150 - 16104162	51100050 - 16104154
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51100060 - 16104158	51103130 - 16104162	51104130 - 16116060
51100080 - 14103654	51103130 - 16116054	51104130 - 16116062
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51103130 - 14103654	51104130 - 14103662	51104200 - 16104154
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51104220 - 16104160

51104220 - 16104164
51104240 - 16104158

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

51106110 - 010000664	51107150 - 110010247	51107110 - 110010242
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51107140 - 010000665	51106100 - 010000664	51106120 - 110010246
51107150 - 010000666	51106120 - 010000664	51106130 - 110010245
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51107140 - 110010246	51107130 - 010000666	51109080 - 010000663
51106110 - 010000663	51107140 - 110010244	51106110 - 010000662
51106130 - 010000665	51107160 - 110017105	51106110 - 110010245
51107150 - 010000665	51109060 - 110010242	51106130 - 010000666
51106090 - 010000662	51109070 - 010000663	51107110 - 110017103
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51107130 - 110017105	51106130 - 110010246	51106120 - 010000662
51107090 - 010000663	51107100 - 110010245	51106130 - 110017105
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51106130 - 110010267	51107110 - 110010264	51108050 - 010000665
51106130 - 110017101	51107110 - 110017107	51108060 - 010000660
51106140 - 010000668	51107120 - 010000661	51108060 - 110010246
51106140 - 110010242	51107120 - 010000662	51108060 - 110017102
51106140 - 110010248	51107120 - 010000668	51108060 - 110017103
51106140 - 110010265	51107130 - 010000661	51108070 - 010000665
51106150 - 110010243	51107130 - 110010241	51108070 - 110017101
51106150 - 110010249	51107130 - 110010248	51108070 - 110017104
51106150 - 110010264	51107130 - 110010270	51108080 - 110010247
51106150 - 110010265	51107130 - 110017101	51108080 - 110010264
51106150 - 110017107	51107140 - 010000667	51108080 - 110010265
51106160 - 010000669	51107140 - 010000668	51108080 - 110017103
51106160 - 110010243	51107140 - 010000670	51108080 - 110017106
51106160 - 110017104	51107140 - 110010268	51109050 - 010000659
51106160 - 110017106	51107140 - 110017108	51109050 - 110010240
51106160 - 110017108	51107150 - 110010242	51109060 - 010000661
51106170 - 010000667	51107150 - 110010249	51109060 - 110010245
51106170 - 010000669	51107150 - 110010266	51109060 - 110017103
51106170 - 110010248	51107150 - 110017102	51109070 - 010000666
51106170 - 110010265	51107160 - 010000663	51109070 - 110010246
51106170 - 110017104	51107160 - 010000668	51109070 - 110010263
51106170 - 110017106	51107160 - 110017104	51109070 - 110017100
51106180 - 010000664	51107160 - 110017109	51109070 - 110017101

51109070 - 110017104
51109080 - 010000661
51109080 - 010000666

51109080 - 010000667
51109080 - 010000668
51109080 - 110017102

51109080 - 110017106

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

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

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

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

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

101204040 - 121722054	101204030 - 121701052	101214080 - 121732062
101204060 - 121722056	101204030 - 121722048	101214100 - 121732056
101204080 - 121732060	101204040 - 121703052	101204005 - 121722048
101214010 - 121732048	101204060 - 121703054	101204010 - 121722052
101214030 - 121722054	101204080 - 121722054	101204010 - 121732054
101214040 - 121722050	101204090 - 121732056	101204020 - 121703048
101214050 - 121722050	101204100 - 121732056	101204040 - 121703050
101214050 - 121722052	101214005 - 121732050	101204040 - 121722058
101214080 - 121732056	101214020 - 121732054	101204040 - 121732060
101204010 - 121732052	101214030 - 121701050	101204050 - 121722058
101204020 - 121722050	101214050 - 121722056	101204060 - 121722050
101204030 - 121703052	101214050 - 121732060	101204070 - 121703052
101204090 - 121732058	101214080 - 121722056	101204070 - 121722060
101214030 - 121722050	101214080 - 121732054	101204070 - 121732050
101214070 - 121732060	101214090 - 121732062	101204080 - 121722058
101214090 - 121732060	101214100 - 121732060	101204080 - 121722060
101204040 - 121722056	101204090 - 121722058	101204080 - 121732052
101204070 - 121722054	101204090 - 121732060	101204100 - 121722056
101214020 - 121732048	101214030 - 121722048	101204100 - 121732062
101214030 - 121732048	101214050 - 121732050	101214010 - 121722050
101214030 - 121732056	101214070 - 121722054	101214010 - 121722052
101214030 - 121732058	101214080 - 121722058	101214020 - 121732056
101204020 - 121722052	101214100 - 121732058	101214030 - 121701048
101204060 - 121703052	101204020 - 121722054	101214030 - 121701052
101204060 - 121732060	101204050 - 121701052	101214040 - 121703054
101204070 - 121722052	101204050 - 121703056	101214040 - 121703056
101204090 - 121722054	101204050 - 121732060	101214040 - 121722048
101204005 - 121732050	101204060 - 121703056	101214050 - 121703054
101204040 - 121732048	101204060 - 121722058	101214060 - 121703050
101204080 - 121732054	101204080 - 121732062	101214060 - 121703054
101214020 - 121722048	101204090 - 121722056	101214070 - 121722060
101214020 - 121722052	101204090 - 121732062	101214080 - 121701058
101214060 - 121722058	101204100 - 121732058	101214080 - 121722060
101204020 - 121722048	101214010 - 121701048	101214090 - 121722060
101204030 - 121722054	101214040 - 121701050	101214100 - 121732062
101204050 - 121703052	101214040 - 121701056	101204005 - 121703048
101204060 - 121732050	101214040 - 121703052	101204005 - 121720046
101204070 - 121703054	101214040 - 121732048	101204005 - 121732052
101204080 - 121722052	101214050 - 121703052	101204020 - 121732056
101204080 - 121722056	101214050 - 121722058	101204030 - 121703050
101214005 - 121732048	101214050 - 121732062	101204030 - 121722056
101214040 - 121722058	101214060 - 121701052	101204040 - 121701052
101214050 - 121701052	101214060 - 121722050	101204040 - 121703048
101214060 - 121732052	101214070 - 121703056	101204040 - 121703056
101214070 - 121732052	101214070 - 121722052	101204050 - 121701054
101204010 - 121722048	101214080 - 121722054	101204050 - 121703050

101204050 - 121703058	101214080 - 121701056	101204050 - 121722060
101204050 - 121732048	101214080 - 121703052	101204050 - 121730054
101204060 - 121701056	101214080 - 121732064	101204050 - 121730056
101204060 - 121703048	101214090 - 121722056	101204060 - 121701052
101204060 - 121703050	101214090 - 121732056	101204060 - 121701054
101204060 - 121722060	101214100 - 121722056	101204060 - 121703058
101204070 - 121701054	101214100 - 121732054	101204060 - 121722062
101204070 - 121703060	101214110 - 121732058	101204060 - 121730056
101204070 - 121732062	101204005 - 121722052	101204060 - 121731060
101204080 - 121703056	101204005 - 121722054	101204060 - 121732062
101204090 - 121722062	101204005 - 121730046	101204070 - 121722050
101204090 - 121732052	101204005 - 121730048	101204080 - 121701056
101204090 - 121732054	101204005 - 121732054	101204080 - 121722062
101204100 - 121722058	101204010 - 121703048	101204080 - 121730068
101204110 - 121722058	101204010 - 121703050	101204080 - 121732048
101204110 - 121732058	101204010 - 121720044	101204090 - 121703052
101214005 - 121720046	101204010 - 121722050	101204090 - 121703056
101214005 - 121732052	101204010 - 121730052	101204090 - 121703058
101214005 - 121732056	101204010 - 121730056	101204090 - 121722052
101214010 - 121722048	101204010 - 121731050	101204090 - 121730062
101214020 - 121701048	101204020 - 121701048	101204090 - 121732064
101214020 - 121701050	101204020 - 121701050	101204100 - 121722054
101214020 - 121703048	101204020 - 121703050	101204100 - 121732054
101214020 - 121703052	101204020 - 121720046	101204100 - 121732060
101214020 - 121722054	101204020 - 121722056	101204110 - 121722062
101214020 - 121731052	101204020 - 121722058	101204110 - 121732056
101214030 - 121703052	101204020 - 121730046	101204120 - 121722056
101214030 - 121703054	101204020 - 121730052	101204120 - 121722058
101214030 - 121731056	101204030 - 121703048	101204120 - 121722060
101214040 - 121701048	101204030 - 121703054	101214005 - 121730048
101214040 - 121701054	101204030 - 121722058	101214005 - 121730050
101214050 - 121701054	101204030 - 121722062	101214005 - 121732054
101214050 - 121701056	101204030 - 121730056	101214010 - 121701050
101214050 - 121703056	101204030 - 121732058	101214010 - 121703052
101214050 - 121732048	101204030 - 121732060	101214010 - 121720046
101214060 - 121701056	101204040 - 121701048	101214010 - 121722054
101214060 - 121732050	101204040 - 121703054	101214010 - 121730046
101214060 - 121732062	101204040 - 121722062	101214010 - 121731046
101214070 - 121701052	101204040 - 121730052	101214010 - 121731048
101214070 - 121701054	101204040 - 121730056	101214010 - 121732054
101214070 - 121703058	101204040 - 121730058	101214020 - 121703050
101214070 - 121722058	101204040 - 121731058	101214020 - 121720044
101214070 - 121722062	101204040 - 121732062	101214020 - 121720046
101214070 - 121730056	101204050 - 121701058	101214020 - 121722050
101214070 - 121732062	101204050 - 121703048	101214020 - 121731054
101214080 - 121701054	101204050 - 121722048	101214020 - 121732058

101214030 - 121701054	101214060 - 121730054	101214090 - 121703054
101214030 - 121703048	101214060 - 121731058	101214090 - 121703056
101214030 - 121730046	101214070 - 121701056	101214090 - 121722054
101214040 - 121703050	101214070 - 121701058	101214090 - 121722058
101214040 - 121703058	101214070 - 121701064	101214090 - 121732052
101214040 - 121720046	101214070 - 121703052	101214090 - 121732054
101214040 - 121730052	101214070 - 121703062	101214090 - 121732066
101214040 - 121731056	101214070 - 121722050	101214100 - 121722054
101214040 - 121732060	101214070 - 121722064	101214100 - 121722060
101214040 - 121732062	101214080 - 121701052	101214100 - 121732064
101214050 - 121701048	101214080 - 121703048	101214110 - 121722060
101214050 - 121701050	101214080 - 121722048	101214110 - 121722062
101214050 - 121730058	101214080 - 121722050	101214110 - 121732060
101214050 - 121732064	101214080 - 121722052	101214110 - 121732064
101214060 - 121703052	101214080 - 121722062	101214120 - 121732062
101214060 - 121703056	101214080 - 121730056	
101214060 - 121722048	101214080 - 121732052	
101214060 - 121722062	101214090 - 121701056	

CATALOG NUMBERS OF STEMS IN MARCQI DATABASE FOR THA CASES

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

60570435D	60580537D	60580230D
60570537D	60580335D	60580740D
60570335D	60580637D	
60570637D	60570230D	
60580435D	60570740D	

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

67210535	67210837	67201040
67210435	67200737	67200127
67210635	67210937	67211140
67210737	67210230	67210027
67200535	67200837	67201140
67200435	67200230	67200027
67210330	67211040	
67200635	67200937	
67200330	67210127	

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	101012030	101012100
101011050	101011080	101011010
101011040	101012020	101011110
101011070	101012080	101012110
101011030	101011090	101012120
101012040	101011020	101011120
101012060	101012090	101012005
101012050	101011100	
101012070	101012010	

Catalog numbers used in the analysis of the AML stem.

155402135	155401150	155401195
155402121	155401165	155401210
155401121	155402106	155403150
155402150	155402180	155403165
155401135	155403135	155403180
155402165	155401180	
155401106	155402195	

Catalog numbers used in the analysis of the Anthology stem.

71356006	71356008	71356107
71356005	71356004	71356108
71356007	71356106	71356003

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

Catalog numbers used in the analysis of the Avenir stem.

0106010205	574202020	574201010
0106010204	574203030	574203065
0106010203	574203050	574103040
574202050	574202065	574201070
0106010305	574203020	574202080
0106010202	574102030	0106010208
0106010304	0106010303	574101065
574202040	574101050	574102075
574201040	574201060	574103050
574202060	574202070	0106010308
574102060	574102020	574103020
0106010201	574203040	574203000
0106010206	574101060	574201075
0106010306	574102065	574101070
574102050	574203060	574102080
574201030	0106010307	574102085
0106010207	0106010301	574101075
574102040	0106010302	574101080
574201050	574201065	574101085
574101030	574203010	574101090
574201020	574202010	574201080
574202030	574202075	
574101040	574101010	

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

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

Catalog numbers used in the analysis of the Corail stem.

3L92502	L971113	L98011
3L92501	L971110	3L92521
3L92503	3L92515	L971310
3L92500	L971114	L98012
3L92504	L20316	L98115
3L92505	3L92509	L98120
3L92499	L971115	3L92518
3L92512	3L92508	L20320
3L92511	L20310	L971308
3L92513	3L92507	L98010
L20312	3L92516	L98015
L971112	L20318	L98016
L20313	L971210	L98018
3L92506	L971116	L98020
L20314	L971109	L98112
L971111	L971118	L98113
3L92510	L98013	L98114
L20311	L98014	L98116
L20315	L971208	
3L92514	L971209	
3L92498	L20309	

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	192017
192012	192413	192514
192011	192509	192007
192113	192008	192107
192111	192016	192118
192112	192116	192018
192013	192414	192416
192110	192108	192515
192114	192512	192417
192014	192408	192516
192009	192508	192019
192015	192407	192020
192411	192513	192119
192115	192415	192517
192109	192511	192518
192410	192117	
192409	192510	

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

193112	193009	193118
193012	193115	192807
193111	193015	192808
193113	193008	193018
193110	193108	192908
193013	193116	192907
193010	193016	193019
193011	193017	193119
193014	193117	
193114	193007	
193109	193107	

Catalog numbers used in the analysis of the Fitmore stem.

0100551306	0100551405	0100551207
0100551305	0100551406	0100551404
0100551304	0100551206	0100551301
0100551307	0100551302	0100551409
0100551308	0100551310	0100551203
0100551303	0100551408	0100551403
0100551309	0100551205	0100551208
0100551407	0100551204	0100551311

0100551401	0100551211	0100551314
0100551201	0100551102	0100551105
0100551402	0100551106	0100551107
0100551410	0100551313	0100551110
0100551202	0100551212	0100551109
0100551210	0100551412	0100551213
0100551209	0100551104	
0100551312	0100551108	
0100551411	0100551103	

Catalog numbers used in the analysis of the Integral X stem.

X11170310	X170312	X12171313
X11170311	X170310	X170314
X11170312	X12171309	X170308
X11170309	X12171312	X170315
X11170308	X11170314	X12171307
X11170313	X12171308	X11170315
X12171310	X12171311	X170316
X170307	X170313	X170317
X170311	X170309	

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

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

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

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

Catalog numbers used in the analysis of the Polarstem stem.

75100466	75018414	75102255
75100467	75100471	75102256
75100465	75100475	75018408
75100468	75102209	75100483
75100469	75018401	75102211
75100464	75018406	75102245
75100463	75018419	75102247
75100470	75018407	75102257
75018417	75100472	75102258
75018402	75018413	75102242
75018416	75100474	75102243
75100477	75102253	75102248
75100478	75102254	75100473
75018404	75018400	75100510
75018403	75102252	75102241
75100479	75100482	75102249
75018415	75102250	75102074
75018405	75102246	75102076
75100476	75102251	75102259
75100480	75102210	
75018418	75018409	
75100481	75102244	

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

160108132	160110127	160111127
160107132	160110132	160112127
160109132	160106127	160112132
160108127	160106132	
160107127	160111132	
160109127	160105132	

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

Catalog numbers used in the analysis of the SROM stem.

523418	523291	563120N
563618	523292	563122N
563517	523191	563216L
563620	523394	523197
523420	523393	523396
563516	523208	526516L
523193	523293	526520L
563518	523395	526520R
523192	563626	563118L
563622	523195	563118N
523194	523424	563120L
523422	563624	563124N
563514	563118R	

Catalog numbers used in the analysis of the Summit stem.

157001110	157001080	157013100
157011110	157011080	157011070
157011120	157011165	157011180
157011135	157001165	157013120
157001100	157003110	157013135
157001120	157003100	157001180
157011100	157003120	157003150
157001135	157003090	157013090
157001090	157001070	157013150
157011090	157013110	
157011150	157003135	
157001150	157003080	

Catalog numbers used in the analysis of the Synergy stem.

71306614	71306118	71316211
71306114	71316012	71926107
71306613	71316212	71316016
71306113	71306618	71316010
71306615	71316014	71316210
71306112	71316015	71316217
71306115	71316213	71316017
71306612	71316011	71306608
71306116	71316013	71306609
71306616	71316214	71316009
71306117	71316215	71927414
71306611	71316216	
71306617	71306110	
71306111	71306610	

Catalog numbers used in the analysis of the Taperloc stem.

11103205	103204	13103210
11103203	103202	11103215
11103204	103207	103200
11103206	13103207	11103209
11103208	13103206	103209
11103207	11103201	12103210
103203	103201	11103200
103205	13103208	12103206
103206	13103215	12103207
11103202	103208	12103208

13103209	103216	12103215
11103216	11103210	13103211
103215	12103211	

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

51104120	51101070	51101140
51104130	51101060	51101100
51104100	51104180	51104220
51104110	51100070	51101160
51104140	51100060	51103220
51104090	51103160	51100090
51103100	51101050	51100110
51104150	51100050	51101170
51103110	51103180	51101180
51103120	51103170	51100140
51104160	51104200	51104240
51101080	51100040	51100120
51103130	51103200	51100130
51103090	51101150	51100160
51100080	51101130	51100100
51103140	51101120	51100170
51103150	51101090	51103240
51104170	51101110	

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

51107110	51106090	51109050
51107120	51109080	51106180
51107130	51108080	51106170
51107150	51106140	51108050
51106110	51109070	51106200
51107100	51107170	51107200
51107140	51106150	51108040
51106100	51107180	51106220
51106120	51108070	51107220
51107160	51108060	51107240
51107090	51109060	
51106130	51106160	

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

Catalog numbers used in the analysis of the Versys Advocate stem.

00785001220	00785001400	785016
00785001320	00785001520	7850011
00785001100	00785001500	00785001700
00785001420	00785001620	
00785001200	00785001600	
00785001300	785001620	

Catalog numbers used in the analysis of the Wagner Cone stem.

0100561218	0100561222	0100561314
0100561217	0100561319	0100561214
0100561221	0100561215	0100561323
0100561219	0100561216	0100561324
0100561318	0100561316	0100561213
0100561220	0100561223	0100561313
0100561317	0100561322	
0100561320	0100561315	
0100561321	0100561224	

CATALOG NUMBERS OF CUPS IN MARCQI DATABASE FOR THA CASES

Catalog numbers used in the analysis of the Continuum cup.

00875705201	00875705002	00875706202
00875705401	00875705600	00875706801
00875705601	00875704802	00875706402
00875705801	00875705602	00875704402
00875706001	00875705802	00875706200
00875705001	00875705000	00875706602
00875704801	00875705800	00875704401
00875706201	00875704800	00875704002
00875706401	00875706002	00875706400
00875705200	00875706601	00875706802
00875705202	00875704601	00875707001
00875705402	00875704602	
00875705400	00875706000	

Catalog numbers used in the analysis of the Converge cup.

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

Catalog numbers used in the analysis of the G7 cup.

110010244	110010247	110010248
010000664	010000666	110017106
110010245	110017103	010000661
110010243	110017102	110010241
010000663	110017104	110017101
110010246	110010242	010000668
010000665	110017105	110010249
010000662	010000667	110017107

110010264	110010262	110010271
110010265	110010250	110010239
110010266	110010268	110017099
110010263	110010269	010000659
110010267	110010240	010000671
010000660	110017109	110010272
010000669	010000670	110017110
110017100	110010270	110010251
110017108	110010261	

Catalog numbers used in the analysis of the Pinnacle cup.

121732052	121701050	121701060
121732054	121731056	121732066
121732056	121730056	121730064
121722052	121730046	121722064
121732058	121701048	121720044
121732050	121703056	121701062
121722054	121732064	121703062
121722050	121731050	121730068
121732048	121722062	121730066
121722056	121730058	121730038
121732060	121731048	121703064
121722048	121703048	121722066
121722058	121731058	121731046
121732062	121701058	121731062
121701052	121703050	121701064
121703052	121703058	121717062
121730052	121730050	121720038
121731052	121730048	121720052
121731054	121730060	121720054
121701054	121730044	121730040
121722060	121731060	121730042
121701056	121730062	
121703054	121703060	
121730054	121720046	

Catalog numbers used in the analysis of the PolarCup cup.

75100409	75100408	75100414
75100410	75100412	75100407
75100411	75100413	75100451

75100453	75100415
75100406	75100457

Catalog numbers used in the analysis of the Procotyl Prime cup.

P3SBQC50	P3SBQD56	P3SBQB46
P3SBQC52	P3SBQE60	P3SBQF64
P3SBQD54	P3SBQB48	P3SBQG66
P3SBQE58	P3SBQF62	

Catalog numbers used in the analysis of the Reflection cup.

71336450	71336458	71335056
71334154	71334160	71336462
71334152	71334162	71358007
71336452	71336446	71358026
71336454	71336460	71358068
71334156	71336448	743066
71334150	71334164	
71336456	71358065	
71334158	71358066	

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

71335552	71335562	71338669
71335554	71331858	71331846
71335556	71338665	71338663
71335550	71338666	71331862
71335558	71338667	71335566
71335548	71335546	71338671
71335560	71331860	71331864
71331854	71331848	71335544
71331856	71338664	71335568
71331852	71338668	71338675
71331850	71335564	

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	16104164	11165216
16104150	14103660	14103664
16104156	14103662	16116062
16104152	16104146	11165208
16104158	16116058	11165212
14103654	14103554	11165218
16104160	14103560	14103566
14103656	14103564	14103666
14103652	14103558	16116064
16116050	14103562	11165224
14103650	14103556	11165228
16116054	16116048	11165230
16116052	16116060	14103668
16104162	14103552	16104168
14103658	16116046	
16104148	16104166	
16116056	11165214	

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

00620205222	00620205221	00620205821
00620205022	00620205421	00620204821
00620204822	00620205621	00620205420
00620205422	00620205820	00620206222
00620205622	00620205020	00620206220
00620205822	00620205620	00620206020
00620205021	00620204622	00620204820
00620206022	00620205220	00620206422

00620206021	00700005820	00700005620
00620204621	00620203822	00700006220
00620206420	00620204020	00700006620
00620204422	00620206620	00712305648
00620207022	00620206622	00712306254
00620206221	00620206820	
00620207020	00700005420	

Catalog numbers used in the analysis of the Trident cup.

5421150E	5020156F	5020154E
5021152E	5000154E	5020366H
5020354E	5000360F	5081156F
5421154F	5090254E	5090268H
5021154E	5000352D	5081158F
5021156F	5401158G	5021144B
5021150D	5000150D	65C3252
5020350D	5090256E	65C3254
5020352D	5000350D	5000348C
5020356E	5000148D	5000364G
5421152E	5020364G	5021166H
5020358F	5021146C	5081160G
5021158F	5000156F	65C3250
5421158G	5081152E	5401146D
5421156F	5001152E	5000160G
5021148D	5020158F	5401162H
5421146D	5021164H	5090266H
5020360F	5090258F	65C3256
5021160G	5020148D	5001148D
5421148D	5081150D	5020162G
5000354E	5401160G	5081146C
5401150E	5000158F	5090270I
5020362G	5421162H	5401164H
5020348C	5020346B	5421142B
5021162G	5081148D	65C3248
5401152E	5421164H	5081162G
5421160G	5090260F	5401144C
5000356E	5401148D	5000162G
5000358F	5090262G	5001158F
5020152E	5000362G	5020344A
5401154F	5020150D	5021168I
5000152E	5081154E	5090272I
5421144C	5020160G	5421168I
5401156F	5090264G	5000146C

5000164H	50811480	65C3258
5020258F	5081164H	
5020266H	5090276J	
5021142A	5401166I	

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

7020452E	7000458F	7000446C
7020454E	7090452E	7421158F
7020456F	7000450D	7090460G
7020450D	7421152E	7090464H
7020448D	7090448D	7090462G
7020458F	7000448D	7000462G
7021152E	7090456F	7090446C
7021150D	7090454E	7421146C
7021154E	7421148D	7421160G
7021156F	7090450D	7020466H
7020460G	7421154E	7021164H
7021148D	7021146C	7421162G
7000452E	7000460G	7021166H
7021158F	7021162G	7090468I
7020446C	7421150D	7021144B
7000454E	7421156F	7090442A
7000456F	7020464H	
7021160G	7020444B	
7020462G	7090458F	

Catalog numbers used in the analysis of the Trilogy cup.

00620005222	00620005020	00620005024
00620005422	00620005220	00620005424
00620005022	00620006221	00620005624
00620005822	00620005620	00620004820
00620005622	00620005420	00620005824
00620006022	00620006422	00620006024
00620005821	00620005820	00620006622
00620006222	00620005021	620006220
00620006021	00620005621	00620004620
00620005421	00620006224	00620006624
00620004822	00620006020	
00620005221	00620006421	

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

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

74123156 - 74122162
74121142 - 74120148
74123148 - 74122156
74123144 - 74122150
74121150 - 74120158

74123152 - 74122160
74121146 - 74120154
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 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: 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: 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 with 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 with 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

Subsection 3.2.5 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

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 receiving <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 iTTotal

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 iTTotal, including G1, G2, and G2+ versions
Exclusion criteria	Exclusion criteria: (1) THA cases, (2) primary TKA cases not using an iTTotal, (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.

Description of figure	Volume information for this implant combination, with mean (SD) and median (IQR).
Inclusion criteria	TKA cases done that use the iTTotal, including G1, G2, and G2+ versions
Exclusion criteria	(1) THA cases, (2) primary TKA cases not using an iTTotal, (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 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, including G1, G2, and G2+ versions
Exclusion criteria	(1) THA cases, (2) primary TKA cases not using an iTTotal, (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 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 iTTotal in primary TKA cases.

Description of figure	<p>Utilization of the iTTotal (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 iTTotal. 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 iTTotal between 2/15/2012 and 12/31/2019.</p> <p>4) Red line. Inclusion is all primary TKA cases using the iTTotal between 1/1/2014 and 12/31/2019.</p>
Exclusion criteria	<p>revision TKA cases, (2) primary TKA cases not using the iTTotal, (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

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 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 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 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	150400206 - 150600005	150410107 - 150670006
150400207 - 150600007	150400207 - 150670006	150410126 - 150600004
150400205 - 150600005	150400107 - 150670006	150410206 - 150680006
150400208 - 150600008	150400106 - 150600005	150410106 - 150600006
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Catalog numbers used in the analysis of the Attune/Attune femoral component.

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150410226	150401207	150440204
150400105	150400110	150410102
150410208	150400210	150411107
150410108	150410203	150411108
150400108	150401107	150440109
150410106	150410103	150440208
150400226	150401126	150440205
150410205	150410110	150401124
150400126	150401225	150401203
150410126	150401226	150401209
150410105	150401206	150411125
150400125	150401108	150440104
150400225	150401125	150400102
150410225	150410223	150401224
150410125	150440106	150410202
150400204	150401205	150411205
150400104	150401208	150440209
150410104	150401105	150411106
150400209	150410123	150411126
150410209	150440206	150440110
150410204	150400123	

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

150600005	150680008	150660007
150600004	150670009	150600002
150670005	150680003	150670002
150600006	150610003	150610002
150600007	150611005	150680002
150670004	150640005	150611009
150600008	150611006	150660008
150670006	150600010	150640003
150670007	150670010	150611003
150670008	150611007	150680010
150610005	150640004	150610010
150680005	150640006	150680001
150600003	150680009	150600001
150680004	150611004	150600001
150610004	150640007	150670001
150610006	150610009	150600101
150670003	150660004	150640009
150680006	150611008	150660002
150610007	150660006	150660002
150600009	150660005	150660009
150680007	150640008	151600605
150610008	150660003	

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

EFSRN4PR - ETPKN4SR	EFSRN3PR - ETPKN3SR	EFSRP7PR - ETPLB7SR
EFSRN5PR - ETPKN5SR	EFSRN4PL - ETPKN5SL	EFSRN7PR - ETPKN8SR
EFSRN4PL - ETPKN4SL	EFSRN3PR - ETPKN4SR	EFSRP4PL - ETPLB4SL
EFSRN5PL - ETPKN5SL	EFSRN3PL - ETPKN4SL	EFSRP6PL - ETPLB6PL
EFSRN6PR - ETPKN6SR	EFSRP5PL - ETPK1556	EFSRN7PL - ETPKN8SL
EFSRN6PL - ETPKN6SL	EFSRN6PL - ETPKN5SL	EFSRP6PL - ETPLB6SL
EFSRN7PR - ETPKN7SR	EFSRP5PL - ETPLB5SL	EFSRN4PR - ETPKN3SR
EFSRN5PR - ETPKN4SR	EFSRP4PL - ETPLB5SL	EFSRP7PR - ETPK1578
EFSRN6PR - ETPKN6PR	EFSRP5PR - ETPK1556	EFSRP4PL - ETPK1534
EFSRN4PR - ETPKN5SR	EFSRP5PR - ETPLB5SR	EFSRP4PR - ETPK1534
EFSRN7PL - ETPKN7SL	EFSRN6PR - ETPKN5SR	EFSRP5PR - ETPLB6SR
EFSRN6PL - ETPKN6PL	EFSRP6PR - ETPLB6PR	EFSRP7PL - ETPLB7SL
EFSRN5PL - ETPKN4SL	EFSRN4PL - ETPKN3SL	EFSRP4PR - ETPLB5SR
EFSRN5PL - ETPKN6SL	EFSRP6PR - ETPLB6SR	EFSRN7PR - ETPKN6SR
EFSRN3PL - ETPKN3SL	EFSRP4PR - ETPLB4SR	EFSRN7PL - ETPKN6SL
EFSRN5PR - ETPKN6SR	EFSRP6PR - ETPK1556	EFSRP7PL - ETPK1578

EFSRP5PL - ETPLB6SL
 EFSRP6PL - ETPK1556
 EFSRN8PR - ETPKN8SR
 EFSRP4PL - ETPK1556
 EFSRN8PL - ETPKN7SL
 EFSRN8PL - ETPKN8SL
 EFSRP7PL - ETPLB8SL
 EFSRP3PL - ETPLB4SL
 EFSRP3PR - ETPK1534
 EFSRP6PL - ETPK1578
 EFSRP4PR - ETPK1556
 EFSRP6PL - ETPLB5SL
 EFSRP7PR - ETPLB8SR
 EFSRN2PL - ETPKN2PL
 EFSRP8PL - ETPLB8SL
 EFSRP3PL - ETPK1534
 EFSRP3PR - ETPLB3SR
 EFSRP6PR - ETPLB5SR
 EFSRP8PL - ETPK1578
 EFSRP8PR - ETPK1578
 EFSRP8PR - ETPLB8SR
 EFSRN8PR - ETPKN8PR
 EFSRP6PR - ETPK1578
 EFSRP5PR - ETPLB4SR
 EFPSN5PL - ETPKN5SL
 EFSRP5PR - ETPK1534
 EFPSN4PL - ETPKN4SL
 EFSRN2PR - ETPKN2PR
 EFSRP3PR - ETPLB4SR
 EFSRP7PL - ETPLB6SL
 EFPSN7PL - ETPKN7SL
 EFSRN2PL - ETPKN2SL
 EFSRN5PR - ETPKN6PR
 EFSRN8PL - ETPKN8PL
 EFSRN8PR - ETPKN7SR

EFSRP5PL - ETPK1534
 EFPSN4PL - ETPKN5SL
 EFSRN5PL - ETPKN6PL
 EFSRP3PL - ETPLB3SL
 EFSRP7PR - ETPK1556
 EFSRP7PR - ETPLB6SR
 EFPSN4PR - ETPKN4SR
 EFPSN4PR - ETPKN5SR
 EFPSN5PL - ETPKN4SL
 EFPSN5PR - ETPKN5SR
 EFSRN3PR - ETPKN2SR
 EFSRN4PR - ETRKN4SR
 EFSRN5PR - ETRKN5SR
 EFSRP5PL - ETPLB4SL
 EFSRP5PL - ETPLB6PL
 EFSRP7PL - ETPK1556
 EFPSN6PL - ETPKN5SL
 EFPSN6PR - ETPKN5SR
 EFPSN7PR - ETPKN7SR
 EFSRN2PR - ETPKN2SR
 EFSRP5PR - ETPK1578
 EFSRP8PR - ETPLB7SR
 EFPSN5PL - ETPKN6SL
 EFPSN6PL - ETPKN6PL
 EFPSN6PR - ETPKN6PR
 EFSRN3PL - ETPKN2SL
 EFSRN5PL - ETRKN5SL
 EFSRN5PL - ETRKN6SL
 EFSRN6PL - ETRKN5SL
 EFSRN6PR - ETRKN5SR
 EFSRN7PL - ETPKN8PL
 EFSRN7PR - ETPKN8PR
 EFSRP2PL - ETPLB2PL
 EFSRP4PR - ETPLB3SR

EFSRP5PL - ETPK1578
 EFSRP8PL - ETPLB7SL
 EFPSN2PR - ETPKN2PR
 EFPSN3PR - ETPKN3SR
 EFPSN3PR - ETPKN4SR
 EFPSN5PR - ETPKN6SR
 EFPSN6PR - ETPKN6SR
 EFPSN7PL - ETPKN6SL
 EFPSN7PL - ETPKN8SL
 EFPSN7PR - ETPKN6SR
 EFPSN8PL - ETPKN8SL
 EFPSN8PR - ETPKN7SR
 EFPSN8PR - ETPKN8SR
 EFSRN3PR - ETRKN4SR
 EFSRN4PL - ETRKN3SL
 EFSRN4PL - ETRKN4SL
 EFSRN4PR - ETPLB4SR
 EFSRN4PR - ETRKN3SR
 EFSRN6PL - ETRKN6PL
 EFSRN6PL - ETRKN6SL
 EFSRN6PR - ETPKN7SR
 EFSRN6PR - ETRKN6PR
 EFSRN6PR - ETRKN6SR
 EFSRN7PL - ETRKN7SL
 EFSRN7PR - ETRKN7SR
 EFSRP2PL - ETPK1534
 EFSRP4PL - ETPLB3SL
 EFSRP4PR - ETPKN5SR
 EFSRP5PL - ETPKN5SL
 EFSRP5PL - ETPSB5SL
 EFSRP5PR - ETPKN4SR
 EFSRP5PR - ETPLB6PR

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

EFSRN5PR
 EFSRN5PL
 EFSRN4PR
 EFSRN4PL
 EFSRN6PR
 EFSRN6PL

EFSRN7PR
 EFSRN7PL
 EFSRN3PL
 EFSRN3PR
 EFSRP5PL
 EFSRP5PR

EFSRP6PR
 EFSRP4PL
 EFSRP6PL
 EFSRP4PR
 EFSRP7PR
 EFSRP7PL

EFSRN8PL	EFPSN4PL	EFSRP2PL
EFSRN8PR	EFSRN2PR	EFPSN3PR
EFSRP3PR	EFPSN4PR	EFPSN8PR
EFSRP3PL	EFPSN7PL	EFPSN2PR
EFSRP8PL	EFPSN6PL	EFPSN8PL
EFSRP8PR	EFPSN6PR	
EFSRN2PL	EFPSN5PR	
EFPSN5PL	EFPSN7PR	

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

ETPKN4SR	ETPLB6SL	ETPLB3SL
ETPKN4SL	ETPKN8SR	ETRKN5SR
ETPKN5SR	ETPLB4SR	ETRKN4SR
ETPKN5SL	ETPLB4SL	ETRKN5SL
ETPKN6SR	ETPKN8SL	ETRKN6SL
ETPKN6SL	ETPLB6PR	ETPLB2PL
ETPK1556	ETPLB7SR	ETPSB5SL
ETPKN3SL	ETPLB6PL	ETRKN3SL
ETPKN7SR	ETPLB8SL	ETRKN3SR
ETPKN7SL	ETPLB7SL	ETRKN4SL
ETPK1578	ETPLB8SR	ETRKN6PL
ETPKN6PR	ETPKN2PL	ETRKN6PR
ETPLB5SL	ETPLB3SR	ETRKN6SR
ETPKN3SR	ETPKN8PR	ETRKN7SL
ETPK1534	ETPKN2PR	ETRKN7SR
ETPKN6PL	ETPKN2SL	
ETPLB5SR	ETPKN8PL	
ETPLB6SR	ETPKN2SR	

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

71420152 - 71420184	71420134 - 71420164	71420154 - 71420188
71420136 - 71420166	71420156 - 71420190	71420008 - 71420166
71420138 - 71420168	71420012 - 71420172	71420140 - 71420170
71420026 - 71420188	71420140 - 71420172	71420152 - 71420186
71420136 - 71420168	71420150 - 71420182	71420026 - 71420190
71420010 - 71420170	71420006 - 71420166	71420088 - 71420184
71420022 - 71420184	71420024 - 71420186	71420010 - 71420168
71420154 - 71420186	71420138 - 71420170	71420028 - 71420190
71420008 - 71420168	71420006 - 71420164	71420140 - 71420174
71420024 - 71420184	71420022 - 71420182	71420004 - 71420164

71420020 - 71420182	71420014 - 71420174	71421116 - 71420184
71420026 - 71420186	71420028 - 71420188	71421116 - 71420188
71420072 - 71420166	71420076 - 71420172	71930008 - 71420174
71420086 - 71420182	71420090 - 71420188	71420006 - 71420162
71420104 - 71420166	71420106 - 71420170	71420010 - 71420166
71420134 - 71420166	71420108 - 71420170	71420010 - 71423116
71420150 - 71420184	71420120 - 71420182	71420014 - 71420172
71420156 - 71420188	71420122 - 71420188	71420024 - 71420188
71420136 - 71420164	71420158 - 71420190	71420030 - 71420191
71420154 - 71420184	71421015 - 71420164	71420072 - 71420164
71420090 - 71420186	71421115 - 71420182	71420074 - 71420166
71420158 - 71420191	71420004 - 71420162	71420086 - 71420184
71420070 - 71420164	71420006 - 71420168	71420088 - 71420188
71420142 - 71420172	71420076 - 71420174	71420090 - 71420184
71420142 - 71420174	71420094 - 71420190	71420092 - 71420191
71420010 - 71420172	71420094 - 71420191	71420102 - 71420162
71420012 - 71420170	71420100 - 71420164	71420102 - 71420166
71420072 - 71420168	71420106 - 71420168	71420104 - 71420168
71420124 - 71420190	71420118 - 71420180	71420106 - 71420166
71421117 - 71420190	71420118 - 71420182	71420110 - 71420172
71420076 - 71420170	71420122 - 71420184	71420116 - 71420182
71420122 - 71420186	71420132 - 71420162	71420118 - 71420184
71420156 - 71420191	71420136 - 71420170	71420122 - 71420182
71421115 - 71420184	71420138 - 71420172	71420124 - 71420186
71420022 - 71420186	71420148 - 71420182	71420126 - 71420191
71420028 - 71420191	71420156 - 71420186	71420134 - 71420162
71420074 - 71420168	71421014 - 71420164	71420140 - 71420168
71420074 - 71420170	71421016 - 71420170	71420150 - 71420180
71420088 - 71420186	71421113 - 71420180	71420150 - 71420186
71420092 - 71420188	71421115 - 71420186	71420152 - 71420188
71420102 - 71420164	71421116 - 71420190	71420154 - 71420191
71421015 - 71420166	71421118 - 71420191	71421013 - 71420162
71421016 - 71420168	71420008 - 71420164	71421014 - 71420162
71420104 - 71420164	71420020 - 71420180	71421014 - 71420166
71420120 - 71420184	71420024 - 71420182	71421015 - 71420168
71420124 - 71420188	71420030 - 71420190	71421017 - 71420174
71420154 - 71420190	71420070 - 71420166	71421018 - 71420172
71421114 - 71420182	71420084 - 71420182	71421018 - 71420174
71420008 - 71420170	71420088 - 71420182	71421113 - 71420176
71420012 - 71420174	71420092 - 71420190	71421114 - 71420180
71420138 - 71420166	71420108 - 71420172	71421114 - 71420184
71420148 - 71420180	71420110 - 71420174	71421115 - 71420188
71420152 - 71420182	71420116 - 71420180	71421118 - 71420190
71421016 - 71420166	71420132 - 71420164	71930007 - 71420174
71421017 - 71420172	71420134 - 71420168	71930009 - 71420191
71421116 - 71420186	71421015 - 71420170	71930010 - 71420190
71421117 - 71420188	71421017 - 71420170	

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

71420136	71420020	71420118
71420152	71420090	71420094
71420154	71420122	71420108
71420138	71420124	71420014
71420022	71421115	71420132
71420026	71420074	71421014
71420140	71420076	71421113
71420008	71420086	71421118
71420010	71420158	71420030
71420024	71421016	71420100
71420006	71421015	71420110
71420156	71421117	71420116
71420134	71420070	71420084
71420150	71421116	71421018
71420012	71420092	71930008
71420028	71420120	71420126
71420088	71420102	71421013
71420072	71420106	71930007
71420104	71420148	71930009
71420142	71421017	71930010
71420004	71421114	

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

71420184	71420182	71420180
71420166	71420188	71420162
71420168	71420190	71420176
71420186	71420172	71423116
71420170	71420174	
71420164	71420191	

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

71420026 - 71420188	71420012 - 71420172	71420008 - 71420166
71420010 - 71420170	71420006 - 71420166	71420026 - 71420190
71420022 - 71420184	71420024 - 71420186	71420088 - 71420184
71420008 - 71420168	71420006 - 71420164	71420010 - 71420168
71420024 - 71420184	71420022 - 71420182	71420028 - 71420190

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

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

71420022	71420020	71420118
71420026	71420090	71420094
71420008	71420122	71420108
71420010	71420124	71420014
71420024	71420074	71420030
71420006	71420076	71420100
71420012	71420086	71420110
71420028	71420070	71420116
71420088	71420092	71420084
71420072	71420120	71420126
71420104	71420102	
71420004	71420106	

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

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

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

71420152 - 71420184	71420154 - 71420190	71421116 - 71420184
71420136 - 71420166	71421114 - 71420182	71421116 - 71420188
71420138 - 71420168	71420138 - 71420166	71930008 - 71420174
71420136 - 71420168	71420148 - 71420180	71420134 - 71420162
71420154 - 71420186	71420152 - 71420182	71420140 - 71420168
71420134 - 71420164	71421016 - 71420166	71420150 - 71420180
71420156 - 71420190	71421017 - 71420172	71420150 - 71420186
71420140 - 71420172	71421116 - 71420186	71420152 - 71420188
71420150 - 71420182	71421117 - 71420188	71420154 - 71420191
71420138 - 71420170	71420158 - 71420190	71421013 - 71420162
71420154 - 71420188	71421015 - 71420164	71421014 - 71420162
71420140 - 71420170	71421115 - 71420182	71421014 - 71420166
71420152 - 71420186	71420132 - 71420162	71421015 - 71420168
71420140 - 71420174	71420136 - 71420170	71421017 - 71420174
71420134 - 71420166	71420138 - 71420172	71421018 - 71420172
71420150 - 71420184	71420148 - 71420182	71421018 - 71420174
71420156 - 71420188	71420156 - 71420186	71421018 - 71420176
71420136 - 71420164	71421014 - 71420164	71421113 - 71420176
71420154 - 71420184	71421016 - 71420170	71421114 - 71420180
71420158 - 71420191	71421113 - 71420180	71421114 - 71420184
71420142 - 71420172	71421115 - 71420186	71421115 - 71420188
71420142 - 71420174	71421116 - 71420190	71421118 - 71420190
71421117 - 71420190	71421118 - 71420191	71930007 - 71420174
71420156 - 71420191	71420132 - 71420164	71930009 - 71420191
71421115 - 71420184	71420134 - 71420168	71930010 - 71420190
71421015 - 71420166	71421015 - 71420170	
71421016 - 71420168	71421017 - 71420170	

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

71420136	71420138	71420134
71420152	71420140	71420150
71420154	71420156	71420142

71421115	71421017	71930008
71420158	71421114	71421013
71421016	71420132	71930007
71421015	71421014	71930009
71421117	71421113	71930010
71421116	71421118	
71420148	71421018	

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 iBalance/iBalance combination.

AR5174R - AR513T4	AR5167L - AR503TTTH	AR5165L - AR503TTTE
AR5174L - AR513T4	AR5168R - AR503TTTJ	AR5165L - AR503TTTF
AR5175R - AR513T5	AR51710R - AR513T10	AR5165R - AR503TTTE
AR5173R - AR513T3	AR5174L - AR513T3	AR5165R - AR503TTTF
AR5176L - AR513T6	AR5174R - AR513T5	AR5166L - AR513T6
AR5176R - AR513T6	AR5176L - AR513T7	AR5166R - AR503TTTE
AR5175L - AR513T5	AR5177L - AR513T6	AR5167L - AR503TTTJ
AR5177L - AR513T7	AR5179L - AR513T9	AR5167R - AR503TTTH
AR5178R - AR513T8	AR5163L - AR513T3	AR5168L - AR513T8
AR5178L - AR513T8	AR5163L - AR513T4	AR5168L - AR513T9
AR5173L - AR513T3	AR5163R - AR513T3	AR5171R - AR513T1
AR5177R - AR513T7	AR5164L - AR513T4	AR5172R - AR513T3
AR5172R - AR513T2	AR5164R - AR503TTTD	AR5174L - AR513T5
AR5175R - AR513T6	AR5164R - AR503TTTF	AR5175L - AR513T6
AR5176R - AR513T7	AR5165R - AR513T5	AR5179L - AR513T10
AR5178R - AR513T9	AR5166R - AR503TTTG	AR5179R - AR513T10
AR5172L - AR513T2	AR5173L - AR513T4	AR51610L - AR513T10
AR5177L - AR513T8	AR5174R - AR513T3	AR5162L - AR513T1
AR5177R - AR513T8	AR5175L - AR513T4	AR5162R - AR503TTTC
AR5165L - AR513T5	AR5179R - AR513T9	AR5162R - AR513T2
AR5173R - AR513T4	AR5162R - AR513T3	AR5163R - AR513T2
AR5178L - AR513T9	AR5164L - AR503TTTF	AR5164L - AR513T5
AR5166R - AR503TTTF	AR5164R - AR513T4	AR5164R - AR503TTTC

AR5164R - AR513T5	AR5167R - AR503TTTG	AR5175R - AR503TTTE
AR5165L - AR513T6	AR5167R - AR513T7	AR5175R - AR513T4
AR5165R - AR513T6	AR5167R - AR513T8	AR5176L - AR513T5
AR5166L - AR503TTTG	AR5168L - AR513T7	AR5176R - AR513T5
AR5166L - AR513T7	AR5168R - AR513T7	AR5176R - AR513T8
AR5166R - AR503TTTH	AR5168R - AR513T8	AR5177L - AR503TTTG
AR5166R - AR503TTTJ	AR5169L - AR513T9	AR5178L - AR513T7
AR5166R - AR513T5	AR51710L - AR513T10	AR5178R - AR513T7
AR5166R - AR513T6	AR5174L - AR513T2	AR5179L - AR513T8
AR5167L - AR503TTTG	AR5175L - AR503TTTE	

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

AR5174R	AR5166R	AR5168L
AR5175R	AR5172R	AR5179R
AR5177L	AR5164R	AR5162R
AR5176R	AR5165L	AR5163R
AR5174L	AR5165R	AR5166L
AR5178R	AR5172L	AR51710R
AR5173R	AR5167L	AR5171R
AR5175L	AR5179L	AR51610L
AR5176L	AR5163L	AR5162L
AR5178L	AR5164L	AR5169L
AR5177R	AR5168R	AR51710L
AR5173L	AR5167R	

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

AR513T4	AR513T9	AR503TTTH
AR513T5	AR513T2	AR503TTTJ
AR513T6	AR503TTTF	AR503TTTD
AR513T8	AR513T10	AR513T1
AR513T3	AR503TTTE	AR503TTTC
AR513T7	AR503TTTG	

Catalog numbers used in the analysis of the iTTotal combination.

TCR1111111FI - TCR1111111TT	M57250600010FI - M57250600010TT	TPS1111111FI - TCR1111111TT
TPS1111111FI - TPS1111111TT	TCR1111111FI - TPS1111111TT	
M57250600020FI - M57250600020TT	M57250600030FI - M57250600030TT	

Catalog numbers used in the analysis of the iTotal femoral component.

TCR111111FI	M57250600010FI
TPS111111FI	TCR11111102
M57250600020FI	M57250600030FI

Catalog numbers used in the analysis of the iTotal tibia component.

TCR111111TT	M57250600020TT	M57250600030TT
TPS111111TT	M57250600010TT	

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

TCR111111FI - TCR111111TT	M57250600010FI - M57250600010TT	TPS111111FI - TCR111111TT
TPS111111FI - TPS111111TT	TCR111111FI - TPS111111TT	
M57250600020FI - M57250600020TT	M57250600030FI - M57250600030TT	

Catalog numbers used in the analysis of the iTotal G2+ femoral component.

TCR111111FI	M57250600010FI
TPS111111FI	TCR11111102
M57250600020FI	M57250600030FI

Catalog numbers used in the analysis of the iTotal G2+ tibia component.

TCR111111TT	M57250600020TT	M57250600030TT
TPS111111TT	M57250600010TT	

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

74022115 - 74022214	74022126 - 74022225	74022118 - 74022217
74022114 - 74022213	74022117 - 74022216	74022126 - 74022226
74022124 - 74022223	74022115 - 74022213	74022115 - 74022215
74022116 - 74022215	74022127 - 74022226	74022116 - 74022216

74022128 - 74022227	74021166 - 74022226	74022117 - 74022218
74022116 - 74022214	74024216 - 74022214	74022129 - 71933634
74022127 - 74022227	74021158 - 74022217	74024214 - 74022212
74022124 - 74022224	74024926 - 74022224	74024218 - 74022216
74022117 - 74022217	74021166 - 74022224	74024927 - 74022225
74022114 - 74022214	74024217 - 74022216	74021156 - 74022217
74022126 - 74022224	74021167 - 74022227	74021166 - 74022227
74021165 - 74022224	74021163 - 74022223	74022112 - 74022211
74021155 - 74022214	74021156 - 74022214	74022116 - 74022213
74022123 - 74022222	74022116 - 74022217	74024923 - 74022223
74021154 - 74022213	74024924 - 74022224	74021154 - 74022215
74021164 - 74022223	74024925 - 74022223	74021158 - 74022216
74022124 - 74022222	74024926 - 74022226	74021169 - 74022228
74022123 - 74022223	74021164 - 74022222	74022123 - 74022221
74022118 - 74022218	74021157 - 74022217	74022126 - 74022223
74024215 - 74022214	74024927 - 74022226	74024215 - 74022216
74022127 - 74022225	74024927 - 74022227	74024216 - 74022213
74024925 - 74022224	74024928 - 74022227	74021163 - 74022221
74022117 - 74022215	74024215 - 74022215	74021165 - 74022226
74022114 - 74022212	74024217 - 74022217	74022110 - 74022218
74021156 - 74022215	74022129 - 74022227	74024216 - 74022217
74021166 - 74022225	74024213 - 74022212	74024217 - 74022218
74022119 - 74022218	74024214 - 74022214	74024928 - 74022226
74022129 - 74022228	74024925 - 74022225	74021159 - 74022218
74021167 - 74022226	74021158 - 74022218	74021166 - 74022223
74021154 - 74022214	74024216 - 74022216	74021168 - 74022226
74022128 - 74022228	74024928 - 74022228	74022118 - 74022215
74021165 - 74022223	74021153 - 74022213	74022119 - 71933635
74024214 - 74022213	74022114 - 74022215	74022122 - 74022221
74021157 - 74022216	74024923 - 74022222	74024926 - 74022227
74021156 - 74022216	74021154 - 74022212	74024927 - 74022228
74021165 - 74022225	74022115 - 74022216	74021160 - 74022228
74022118 - 74022216	74022119 - 74022217	74021163 - 74022224
74021164 - 74022224	74022124 - 74022225	74021164 - 74022225
74024924 - 74022223	74022127 - 74022228	74022110 - 74022217
74021155 - 74022215	74022112 - 74022212	74022112 - 74022213
74024215 - 74022213	74024213 - 74022213	74022120 - 74022228
74022126 - 74022227	74024924 - 74022222	74024213 - 74022211
74021155 - 74022213	74022122 - 74022222	74024924 - 74022225
74024216 - 74022215	74021168 - 74022228	74024925 - 74022226
74024218 - 74022217	74022123 - 74022224	74024926 - 74022223
74024926 - 74022225	74024217 - 74022215	74024928 - 74022225
74021153 - 74022212	74024218 - 74022218	74021153 - 74022211
74021163 - 74022222	74021155 - 74022216	74021153 - 74022214
74021168 - 74022227	74021157 - 74022215	74021157 - 74022218
74022128 - 74022226	74021167 - 74022225	74021159 - 74022217

74021162 - 74022221	74021267 - 74022225	74022126 - 74022228
74021162 - 74022222	74021268 - 74022226	74022127 - 71933634
74021167 - 74022228	74022110 - 71933635	74022127 - 74022217
74021168 - 74022225	74022114 - 74022211	74022127 - 74022224
74021254 - 74022212	74022116 - 74022218	74022128 - 74022225
74021255 - 74022213	74022117 - 74022213	74022129 - 71934346
74021255 - 74022215	74022119 - 74022216	74024213 - 74022214
74021257 - 74022216	74022122 - 74022224	74024923 - 74022221
74021265 - 74022224	74022124 - 74022226	74024923 - 74022224
74021266 - 74022224	74022126 - 74022222	

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

74022115	74024926	74022112
74022116	74024216	74022122
74022126	74021167	74022110
74022114	74022129	74021169
74022124	74024924	74021159
74022117	74021157	74021160
74022127	74022119	74021162
74022118	74024214	74021255
74022128	74021163	74022120
74021165	74024217	74021254
74022123	74024927	74021257
74021155	74021158	74021265
74021154	74024218	74021266
74021164	74021153	74021267
74024215	74021168	74021268
74021156	74024928	
74021166	74024213	
74024925	74024923	

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

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

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

74022115 - 74022214	74021164 - 74022224	74022123 - 74022221
74022114 - 74022213	74021155 - 74022215	74022126 - 74022223
74022124 - 74022223	74022126 - 74022227	74021163 - 74022221
74022116 - 74022215	74021155 - 74022213	74021165 - 74022226
74022126 - 74022225	74021153 - 74022212	74022110 - 74022218
74022117 - 74022216	74021163 - 74022222	74021159 - 74022218
74022115 - 74022213	74021168 - 74022227	74021166 - 74022223
74022127 - 74022226	74022128 - 74022226	74021168 - 74022226
74022118 - 74022217	74021166 - 74022226	74022118 - 74022215
74022126 - 74022226	74021158 - 74022217	74022119 - 71933635
74022115 - 74022215	74021166 - 74022224	74022122 - 74022221
74022116 - 74022216	74021167 - 74022227	74021160 - 74022228
74022128 - 74022227	74021163 - 74022223	74021163 - 74022224
74022116 - 74022214	74021156 - 74022214	74021164 - 74022225
74022127 - 74022227	74022116 - 74022217	74022110 - 74022217
74022124 - 74022224	74021164 - 74022222	74022112 - 74022213
74022117 - 74022217	74021157 - 74022217	74022120 - 74022228
74022114 - 74022214	74022129 - 74022227	74021153 - 74022211
74022126 - 74022224	74021158 - 74022218	74021153 - 74022214
74021165 - 74022224	74021153 - 74022213	74021157 - 74022218
74021155 - 74022214	74022114 - 74022215	74021159 - 74022217
74022123 - 74022222	74021154 - 74022212	74021162 - 74022221
74021154 - 74022213	74022115 - 74022216	74021162 - 74022222
74021164 - 74022223	74022119 - 74022217	74021167 - 74022228
74022124 - 74022222	74022124 - 74022225	74021168 - 74022225
74022123 - 74022223	74022127 - 74022228	74022110 - 71933635
74022118 - 74022218	74022112 - 74022212	74022114 - 74022211
74022127 - 74022225	74022122 - 74022222	74022116 - 74022218
74022117 - 74022215	74021168 - 74022228	74022117 - 74022213
74022114 - 74022212	74022123 - 74022224	74022119 - 74022216
74021156 - 74022215	74021155 - 74022216	74022122 - 74022224
74021166 - 74022225	74021157 - 74022215	74022124 - 74022226
74022119 - 74022218	74021167 - 74022225	74022126 - 74022222
74022129 - 74022228	74022117 - 74022218	74022126 - 74022228
74021167 - 74022226	74022129 - 71933634	74022127 - 71933634
74021154 - 74022214	74021156 - 74022217	74022127 - 74022217
74022128 - 74022228	74021166 - 74022227	74022127 - 74022224
74021165 - 74022223	74022112 - 74022211	74022128 - 74022225
74021157 - 74022216	74022116 - 74022213	74022129 - 71934346
74021156 - 74022216	74021154 - 74022215	
74021165 - 74022225	74021158 - 74022216	
74022118 - 74022216	74021169 - 74022228	

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

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

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

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

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

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

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

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

74022224
74022223
74022225
74022212

74022213
74022226
74022214
74022211

74022222
74022227

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

129401040 - 129431130	129401070 - 129431150	129403030 - 129433120
129402040 - 129431130	129403040 - 129433140	129403030 - 129433125
129401060 - 129431150	129403070 - 129433160	129403030 - 129433130
129402050 - 129431140	129404040 - 129433140	129403040 - 129433120
129402060 - 129431150	129401070 - 129431160	129403040 - 129434130
129401050 - 129431140	129401050 - 129433140	129403050 - 129432140
129401040 - 129431125	129404050 - 129432140	129403060 - 129433130
129403040 - 129433130	129401040 - 129433130	129404030 - 129432125
129402040 - 129431125	129402050 - 129433130	129404030 - 129433120
129403050 - 129433140	129402070 - 129431150	129404040 - 129431130
129404050 - 129433140	129403060 - 129432150	129404040 - 129431140
129402060 - 129431140	129403070 - 129433150	129404040 - 129432140
129404040 - 129433130	129404050 - 129433150	129404050 - 129431140
129402050 - 129431130	129404060 - 129432150	129404070 - 129432150
129401060 - 129431140	129404070 - 129433160	129404070 - 129433130
129403060 - 129433150	129401040 - 129431120	129404070 - 129433170
129401050 - 129431130	129402040 - 129431120	129411040 - 129431130
129401040 - 129431140	129403040 - 129432125	129411040 - 129431140
129404060 - 129433150	129403060 - 129433160	129411040 - 129433125
129401030 - 129431120	129403070 - 129433140	129411050 - 129433140
129404040 - 129433125	129404040 - 129432125	129411060 - 129431150
129402040 - 129431140	129404060 - 129432140	129411070 - 129433160
129401060 - 129431160	129411040 - 129433130	129412040 - 129431130
129402070 - 129431160	129412050 - 129433130	129412040 - 129433130
129404060 - 129433140	129401030 - 129431130	129412040 - 129433140
129403040 - 129433125	129401040 - 129433140	129412050 - 129431130
129404050 - 129433130	129401050 - 129431125	129412050 - 129433140
129403060 - 129433140	129401060 - 129433150	129412060 - 129431150
129401030 - 129431125	129401070 - 129431140	129428040 - 129435130
129401050 - 129431150	129402030 - 129433130	129428050 - 129435130
129402030 - 129431125	129402040 - 129433130	129428050 - 129435140
129402060 - 129431160	129402050 - 129431120	129429040 - 129435120
129404070 - 129433150	129402050 - 129431125	129429050 - 129435140
129402030 - 129431120	129402050 - 129433140	
129402050 - 129431150	129402060 - 129433150	
129403050 - 129433130	129402070 - 129431140	

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

129401040	129404060	129404030
129402040	129401030	129428050
129401060	129402070	129411050
129402050	129402030	129411060
129402060	129404070	129411070
129401050	129401070	129412060
129403040	129403070	129428040
129404040	129411040	129429040
129404050	129412050	129429050
129403050	129403030	
129403060	129412040	

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

129431130	129431160	129433120
129431140	129433125	129435130
129431150	129431120	129435140
129433140	129433160	129433170
129431125	129432140	129434130
129433130	129432150	129435120
129433150	129432125	

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

71421224 - 71420182	71421245 - 71420166	71421207 - 71420190
71421234 - 71420164	71423235 - 71420184	71421245 - 71420164
71421225 - 71420184	71421235 - 71420168	71423224 - 71420164
71421235 - 71420166	71421227 - 71420190	71421216 - 71420168
71421226 - 71420188	71421234 - 71420166	71421206 - 71420186
71421205 - 71420184	71421224 - 71420184	71421216 - 71420170
71421214 - 71420164	71421237 - 71420172	71421227 - 71420188
71421236 - 71420170	71421254 - 71420182	71423237 - 71420190
71421255 - 71420184	71421244 - 71420164	71421275 - 71420182
71421236 - 71420168	71423234 - 71420182	71421206 - 71420188
71421225 - 71420186	71421275 - 71420184	71421265 - 71420164
71421204 - 71420182	71423225 - 71420166	71421217 - 71420172
71421226 - 71420186	71421255 - 71420182	71421225 - 71420182
71421215 - 71420166	71421237 - 71420170	71421204 - 71420184

71421265 - 71420166	71421254 - 71420180	71933642 - 71420164
71421215 - 71420168	71421246 - 71420168	71423204 - 71420166
71421207 - 71420188	71423225 - 71420164	71423214 - 71420184
71423214 - 71420182	71421208 - 71420190	71933646 - 71420182
71423236 - 71420188	71421235 - 71420170	71421206 - 71420190
71421214 - 71420166	71421226 - 71420184	71421213 - 71420162
71423226 - 71420170	71423217 - 71420190	71423233 - 71420182
71423236 - 71420186	71421266 - 71420168	71421205 - 71420188
71421205 - 71420186	71423207 - 71420170	71423235 - 71420182
71421274 - 71420182	71423215 - 71420186	71421204 - 71420180
71423226 - 71420168	71421224 - 71420180	71421238 - 71420174
71423235 - 71420186	71933650 - 71420166	71421255 - 71420186
71423227 - 71420172	71421234 - 71420162	71421264 - 71420166
71421217 - 71420170	71421213 - 71420164	71423223 - 71420164
71423215 - 71420184	71421218 - 71420174	71421265 - 71420168
71423225 - 71420168	71423226 - 71420172	71933641 - 71420164
71423234 - 71420184	71421225 - 71420188	71421207 - 71420191
71421264 - 71420164	71421236 - 71420166	71421217 - 71420174
71423206 - 71420170	71423205 - 71420168	71421228 - 71420191
71421226 - 71420190	71423236 - 71420184	71421207 - 71420186
71421235 - 71420164	71421218 - 71420172	71421224 - 71420186
71421236 - 71420172	71421228 - 71420190	71421253 - 71420180
71421223 - 71420180	71421214 - 71420162	71421254 - 71420184
71421233 - 71420162	71421216 - 71420172	71423215 - 71420182
71423216 - 71420186	71933642 - 71420166	71423233 - 71420180
71423224 - 71420166	71421203 - 71420182	71423237 - 71420191
71423205 - 71420166	71421227 - 71420191	71933650 - 71420164
71421246 - 71420166	71421238 - 71420172	71933654 - 71420182
71423204 - 71420164	71933653 - 71420182	71421225 - 71420312
71421233 - 71420164	71421206 - 71420184	71421244 - 71420166
71421223 - 71420182	71421208 - 71420191	71421274 - 71420184
71423216 - 71420188	71421216 - 71420166	71423227 - 71420174
71421256 - 71420186	71421237 - 71420174	71421234 - 71420168
71421276 - 71420184	71421264 - 71420162	71423213 - 71420180
71421276 - 71420186	71421274 - 71420180	71423238 - 71420191
71421256 - 71420184	71423223 - 71420162	71933645 - 71420182
71423206 - 71420168	71423226 - 71420166	71933655 - 71420186
71421205 - 71420182	71423228 - 71420172	71421217 - 71420168
71423227 - 71420170	71421203 - 71420180	71421237 - 71420168
71423237 - 71420188	71933649 - 71420164	71423206 - 71420172
71421266 - 71420166	71421227 - 71420186	71423216 - 71420190
71421215 - 71420164	71933646 - 71420184	71423224 - 71420162
71421244 - 71420162	71421215 - 71420170	71423225 - 71420170
71423207 - 71420172	71423235 - 71420188	71423237 - 71420186
71423217 - 71420188	71423236 - 71420190	71933647 - 71420186
71933654 - 71420184	71423238 - 71420190	71933651 - 71420166

71421224 - 71420304	71421214 - 71420168	71423224 - 71420368
71421243 - 71420162	71421223 - 71420298	71933641 - 71420162
71421245 - 71420168	71421226 - 71420191	71933641 - 71420166
71421256 - 71420182	71421233 - 71420232	71933642 - 71420248
71421275 - 71420186	71421256 - 71420188	71933652 - 71420182
71423205 - 71420164	71421276 - 71420182	71933653 - 71420180
71423205 - 71420170	71421276 - 71420188	71421175 - 71420184
71423228 - 71420174	71423206 - 71420166	71421177 - 71420190
71933655 - 71420184	71423207 - 71420174	71421206 - 71420182
71423203 - 71420162	71423223 - 71420166	71421212 - 71420164
71423203 - 71420164	71423238 - 71420188	71421213 - 71420166
71423213 - 71420182	71933653 - 71420184	71421215 - 71420172
71423224 - 71420168	71421213 - 71420160	71421215 - 71420378
71933651 - 71420168	71421223 - 71420296	71421218 - 71420170
71421234 - 71420240	71421224 - 71420306	71421224 - 71420312
71421246 - 71420164	71421238 - 71420170	71421224 - 71420314
71421266 - 71420164	71421256 - 71420312	71421225 - 71420320
71421266 - 71420170	71421256 - 71420320	71421226 - 71420182
71423227 - 71420168	71423208 - 71420172	71421226 - 71420320
71423234 - 71420180	71423208 - 71420174	71421228 - 71420188
71421235 - 71420248	71423216 - 71420184	71421233 - 71420166
71421245 - 71420240	71423217 - 71420186	71421234 - 71420242
71421255 - 71420312	71423228 - 71420170	71421236 - 71420174
71421263 - 71420162	71933645 - 71420180	71421236 - 71420264
71421273 - 71420180	71421202 - 71420180	71421245 - 71420162
71933647 - 71420184	71421206 - 71420191	71421245 - 71420250
71933649 - 71420166	71421208 - 71420188	71421246 - 71420248
71421263 - 71420164	71421216 - 71420174	71421253 - 71420176
71423214 - 71420180	71421216 - 71420386	71421255 - 71420180
71933643 - 71420166	71421225 - 71420180	71421255 - 71420314
71421204 - 71420186	71421225 - 71420190	71421263 - 71420160
71421254 - 71420304	71421232 - 71420160	71421273 - 71420176
71423215 - 71420188	71421233 - 71420160	71421273 - 71420182
71423217 - 71420191	71421233 - 71420234	71423204 - 71420248
71423234 - 71420186	71421235 - 71420240	71423214 - 71420186
71933650 - 71420168	71421235 - 71420250	71423214 - 71420304
71421223 - 71420176	71421235 - 71420256	71423214 - 71420312
71421244 - 71420240	71421236 - 71420164	71423215 - 71420312
71421245 - 71420248	71421243 - 71420160	71423215 - 71420320
71421246 - 71420170	71421243 - 71420232	71423216 - 71420320
71423218 - 71420190	71421246 - 71420256	71423218 - 71420188
71423218 - 71420191	71421255 - 71420304	71423224 - 71420182
71933646 - 71420312	71421265 - 71420170	71423225 - 71420376
71933649 - 71420162	71421275 - 71420180	71423233 - 71420176
71933652 - 71420180	71423204 - 71420162	71426003 - 71420180
71933654 - 71420186	71423216 - 71420191	71933640 - 71420162

71933640 - 71420164	71421222 - 71420176	71421255 - 71420306
71933642 - 71420168	71421223 - 71420164	71421263 - 71420166
71933643 - 71420168	71421223 - 71420184	71421263 - 71926221
71933644 - 71420180	71421223 - 71420304	71421264 - 71420160
71933645 - 71420184	71421224 - 71420176	71421265 - 71420162
71933647 - 71420320	71421224 - 71420188	71421266 - 71420184
71933648 - 71420162	71421224 - 71420316	71421273 - 71420164
71933648 - 71420164	71421225 - 71420164	71421275 - 71420188
71933651 - 71420170	71421225 - 71420304	71423203 - 71420166
71933655 - 71420188	71421225 - 71420314	71423204 - 71420168
71421163 - 71420166	71421225 - 71420322	71423204 - 71420240
71421164 - 71420164	71421225 - 71420338	71423205 - 71420250
71421165 - 71420164	71421226 - 71420166	71423206 - 71420184
71421165 - 71420166	71421226 - 71420312	71423206 - 71420256
71421165 - 71420170	71421226 - 71420322	71423207 - 71420270
71421167 - 71420168	71421226 - 71420328	71423207 - 71420272
71421173 - 71420180	71421227 - 71420328	71423212 - 71420176
71421174 - 71420180	71421227 - 71420338	71423213 - 71420176
71421174 - 71420182	71421227 - 71420350	71423213 - 71420184
71421175 - 71420182	71421228 - 71420336	71423215 - 71420314
71421175 - 71420186	71421233 - 71420244	71423217 - 71420336
71421176 - 71420186	71421234 - 71420232	71423218 - 71420186
71421176 - 71420190	71421234 - 71420234	71423218 - 71420344
71421202 - 71420176	71421234 - 71420248	71423222 - 71420162
71421203 - 71420176	71421235 - 71420252	71423223 - 71420182
71421204 - 71420188	71421235 - 71420258	71423224 - 71420160
71421205 - 71420190	71421235 - 71420262	71423224 - 71420184
71421205 - 71420444	71421236 - 71420250	71423224 - 71420186
71421205 - 71420446	71421236 - 71420256	71423224 - 71420380
71421206 - 71420446	71421237 - 71420166	71423225 - 71420378
71421206 - 71420452	71421237 - 71420182	71423225 - 71420384
71421206 - 71420456	71421237 - 71420264	71423226 - 71420174
71421206 - 71420460	71421237 - 71420266	71423226 - 71420384
71421207 - 71420464	71421237 - 71420268	71423226 - 71420386
71421212 - 71420160	71421237 - 71420274	71423227 - 71420392
71421212 - 71420162	71421244 - 71420182	71423227 - 71420394
71421212 - 71926221	71421244 - 71420234	71423232 - 71420180
71421214 - 71420160	71421245 - 71420182	71423233 - 71420184
71421214 - 71420182	71421246 - 71420240	71423234 - 71420434
71421214 - 71420368	71421253 - 71420182	71423235 - 71420190
71421215 - 71420380	71421253 - 71420296	71423235 - 71420432
71421215 - 71420384	71421253 - 71420298	71423235 - 71420440
71421215 - 71420388	71421254 - 71420296	71423235 - 71420446
71421216 - 71420384	71421254 - 71420306	71423236 - 71420166
71421216 - 71420396	71421254 - 71420308	71423236 - 71420191
71421217 - 71420386	71421254 - 71420312	71423236 - 71420458

71423238 - 71420186
71425003 - 71420162
71425006 - 71420172
71426007 - 71420186
71426008 - 71420188
71933641 - 71420240

71933642 - 71420240
71933644 - 71420182
71933646 - 71420186
71933646 - 71420304
71933647 - 71420182
71933647 - 71420188

71933649 - 71420168
71933650 - 71420170
71933651 - 71420172

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

71421225	71423215	71421253
71421224	71421256	71421263
71421235	71421246	71933645
71421234	71423214	71421243
71421226	71421274	71423218
71421236	71423205	71421273
71421205	71421264	71933643
71421255	71421276	71933652
71421215	71421266	71423208
71421227	71423217	71421212
71421245	71423204	71421175
71421214	71423207	71421202
71421237	71421208	71933640
71421216	71933654	71933648
71421204	71421218	71421165
71423235	71421213	71421232
71421206	71933650	71933644
71423225	71933642	71421174
71421207	71933646	71421176
71421275	71421203	71421177
71423236	71423223	71426003
71423226	71421238	71421163
71421265	71421228	71421164
71423224	71423238	71421167
71423234	71423228	71421173
71421217	71933649	71421222
71421254	71423233	71423212
71421244	71933653	71423222
71423237	71933655	71423232
71423227	71423213	71425003
71423216	71933651	71425006
71421223	71933647	71426007
71423206	71933641	71426008
71421233	71423203	

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

71420184	71420296	71420268
71420182	71420298	71420270
71420166	71420306	71420272
71420164	71420314	71420274
71420186	71420234	71420308
71420168	71420386	71420316
71420170	71420368	71420344
71420188	71420384	71420350
71420190	71420264	71420388
71420172	71420378	71420392
71420180	71420446	71420394
71420162	71420242	71420396
71420191	71420322	71420432
71420174	71420328	71420434
71420312	71420336	71420440
71420240	71420338	71420444
71420304	71420376	71420452
71420248	71420380	71420456
71420160	71926221	71420458
71420176	71420244	71420460
71420320	71420252	71420464
71420232	71420258	
71420256	71420262	
71420250	71420266	

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

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

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

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.

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

00575001505 - 00598003701	00575001506 - 00598002702	00575001406 - 00598004701
00575001602 - 00598002702	00575001605 - 00598003702	00575001505 - 00598002702
00575001505 - 00598004701	00575001405 - 00598003701	00575001601 - 00598002702
00575001506 - 00598003701	00575001405 - 00598003702	00575001601 - 00598004702
00575001702 - 00598004702	00575001406 - 00598003701	00575001602 - 00598005701
00575001701 - 00598004701	00575001406 - 00598003702	00575001606 - 00598003701
00575001701 - 00598004702	00575001602 - 00598004702	00575001701 - 00598005701
00575001501 - 00598004701	00575001606 - 00598003702	00575001701 - 00598005701
00575001506 - 00598004701	00575001606 - 00598004702	00575001702 - 00598003701
00575001605 - 00598004701	00575001701 - 00598003702	00575001702 - 00598005701
00575001401 - 00598003702	00575001702 - 00598003702	575001301 - 00598002702
00575001405 - 00598002702	00575001705 - 00598004701	
00575001406 - 00598002702	00575001402 - 00598003702	

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

00575001502	00575001402	00575001405
00575001501	00575001506	00575001605
00575001602	00575001702	00575001705
00575001601	00575001606	575001301
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	00576401551 - 00598004701	00576401652 - 00598003701
00576401652 - 00598004701	00576401452 - 00598003701	00576401751 - 00598004702
00576401551 - 00598003702	00576401651 - 00598003701	00576401451 - 00598003702
00576401651 - 00598004701	00576401651 - 00598004702	00576401452 - 00598002702
00576401652 - 00598003702	00576401451 - 00598003701	00576401452 - 00598003702
00576401651 - 00598003702	00576401752 - 00598004702	00576401451 - 00598002702
00576401552 - 00598003701	00576401751 - 00598004701	00576401551 - 00598002702
00576401552 - 00598004701	00576401652 - 00598004702	00576401752 - 00598005701
00576401551 - 00598003701	00576401752 - 00598004701	00576401351 - 00598002701

00576401451 - 00598004701	00576401551 - 00598004702	00576401752 - 00598003702
00576401751 - 00598005701	00576401552 - 00598004702	00576401752 - 00598005702
00576401452 - 00598002701	00576401652 - 00598005701	

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

00599601851 - 00598005701	00596401452 - 00598004701	00599601552 - 00598800300
00596401351 - 00598002702	00596401552 - 00598002702	00599601752 - 00598005703
00596401352 - 00598002701	00596401751 - 00598005704	00599601752 - 00598800700
00596401352 - 00598003701	00599601351 - 00598003701	00599601851 - 00598005703
00596401352 - 00598003702	00599601352 - 00598003701	00599601852 - 00598005703
00596401452 - 00598002702	00599601451 - 00598004701	

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

00596401652 - 00588605612
00596401751 - 00588605710
00599601851 - 00588606610
00596401551 - 00588606414
00599601651 - 588605512
00596401652 - 588605512
00596401752 - 00588605710
00599601652 - 00588605510
00599601852 - 00588605710
00599601852 - 00588606610
00596401452 - 00588605314
00596401651 - 00588605614
00596401751 - 00588606612
00599601652 - 00588606412
00596401451 - 00588605410
00596401551 - 00588605514
00596401552 - 00588606310
00599601451 - 00588605310
00599601452 - 00588605310
00599601551 - 00588606410
00599601552 - 00588606410
00599601651 - 00588606412
00599601751 - 00588606512
00599601752 - 00588606512
00599601752 - 00588606612
00599601851 - 00588605710
00599601851 - 00588605810
00596401451 - 00588605412
00596401551 - 00588606310
00596401552 - 00588605514
00596401552 - 00588606414
00596401552 - 588605512
00596401651 - 00588605514
00596401652 - 00588605614
00596401652 - 00588606410
00596401752 - 00588606614
00599601751 - 00588606612
00596401651 - 00588606410
00596401651 - 00588606412
00596401751 - 00588606614
00599601451 - 00588605312
00599601651 - 00588605610
00599601652 - 00588606312
00599601852 - 00588605712
00596401352 - 00588605312
00596401451 - 00588605414
00596401552 - 00588606312
00596401751 - 00588605710
00599601452 - 00588606614
00599601851 - 00588606612
00596401451 - 00588605317
00596401452 - 00595402702
00596401551 - 00588606314
00596401552 - 00588606314
00596401651 - 00588605617
00596401652 - 00588606412
00596401752 - 00588605712
00596401752 - 00588606512
00599601551 - 00588606414
00599601552 - 00588606412
00599601651 - 00588606314
00599601851 - 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
00599601451 - 00588605314
00599601551 - 00588606412
00599601552 - 00588605510
00599601552 - 00588606314
00599601552 - 00595404701
00599601652 - 00588605514
00599601652 - 00588606314
00599601751 - 00588606514
00599601751 - 00588606614
00599601751 - 00595405701
00599601851 - 00588606512
00599601851 - 00588606614
00599601852 - 00588605812
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 - 00595403701
00599601452 - 00588605314
00599601452 - 00588605317
00599601551 - 00588606314
00599601551 - 00595403702
00599601551 - 00595404701
00599601552 - 00588605514
00599601552 - 00588606414
00599601552 - 588605512
00599601651 - 00588605614
00599601651 - 00588606414
00599601651 - 00595403701
00599601651 - 00595403702
00599601651 - 588606412
00599601652 - 00588605517
00599601652 - 00588605612
00599601652 - 00588605614

00599601652 - 00588606414	00599601752 - 00588605710	00599601851 - 00588605812
00599601652 - 00595403702	00599601752 - 00588605712	00599601851 - 00588606510
00599601652 - 00595404701	00599601752 - 00588605714	00599601852 - 00588605810
00599601751 - 00588605714	00599601752 - 00588605812	00599601852 - 00588606614
00599601751 - 00588605717	00599601752 - 00588606514	00599601852 - 588605814
00599601751 - 00588605810	00599601752 - 00595404702	
00599601751 - 00595404702	00599601851 - 00588605714	

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

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

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

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

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

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

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

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

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	00595601705 - 00597004502	595601301 - 00597002502
00595601502 - 00597003502	00595601405 - 00597003501	00595601305 - 00597003501
00595601501 - 00597004501	00595601406 - 00597003501	00595601401 - 00597002502
00595601506 - 00597003502	00595601506 - 00597003501	00595601405 - 00597002502
00595601502 - 00597004501	00595601701 - 00597004502	00595601406 - 00597002502
00595601602 - 00597004502	00595601706 - 00597005502	00595601501 - 00597002502
00595601605 - 00597004502	00596601602 - 00597005501	00595601501 - 00597003501
00595601606 - 00597004502	00595601405 - 00597003502	00595601501 - 00597004502
00595601505 - 00597004501	00596601501 - 00597003502	00595601505 - 00597004502
00595601701 - 00597005501	00595601502 - 00597004502	00595601601 - 00597003502
00595601402 - 00597003502	00595601601 - 00597005501	00595601605 - 00597003502
00595601702 - 00597005501	00595601605 - 00597004501	00595601606 - 00597005501
00595601505 - 00597003502	00596601602 - 00597004502	00595601701 - 00597004501
00595601506 - 00597004501	00595601406 - 00597003502	00595601702 - 00597004501
00595601702 - 00597005502	00595601505 - 00597003501	00596601401 - 00597003502
00595601706 - 00597005501	00595601605 - 00597005501	00596601401 - 00597004501
00595601402 - 00597003501	00595601705 - 00597005502	00596601402 - 00597003502
00595601601 - 00597004502	00596601601 - 00597005501	00596601402 - 00597004501
00595601602 - 00597004501	00595601405 - 00597004501	00596601501 - 00597004501
00595601706 - 00597004502	00595601502 - 00597003501	00596601502 - 00597004502
00595601401 - 00597003501	00595601302 - 00597002502	00596601601 - 00597004501
00595601401 - 00597003502	00595601302 - 00597003501	00596601601 - 00597004502
00595601701 - 00597005502	00595601305 - 00597002502	00596601601 - 00597005502
00595601702 - 00597004502	00595601601 - 00597005502	00596601701 - 00597004502
00595601705 - 00597005501	00596601501 - 00597004502	00596601701 - 00597005501
00595601606 - 00597004501	00596601502 - 00597003502	595601306 - 00597002502
00595601601 - 00597004501	00596601502 - 00597004501	595601306 - 00597003501
00595601602 - 00597005501	00596601701 - 00597005503	

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
00597004501
00597004502

00597005501
00597003501
00597005502

00597002502
00597005503

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

00595001702 - 00598004702	00595001602 - 00598005701	00595001606 - 00598005701
00595001701 - 00598004702	00597001801 - 00598005703	00595001701 - 00598005702
00595001701 - 00598005701	00597001802 - 00598005701	00595001705 - 00598004701
00597001502 - 00598003701	00597001502 - 00598003702	00595001705 - 00598005701
00597001602 - 00598004701	00597001702 - 00598005702	00595001706 - 00598005701
00595001601 - 00598004701	00595001601 - 00598005701	00597001401 - 00598003702
00597001501 - 00598003701	00595001702 - 00598005702	00597001702 - 00598004701
00595001701 - 00598004701	00597001501 - 00598003702	00595001302 - 00598002701
00595001702 - 00598005701	00597001601 - 00598005701	00595001401 - 00598003701
00595001602 - 00598004701	00597001802 - 00598004702	00595001501 - 00598003701
00597001502 - 00598004701	00595001501 - 00598004701	00595001501 - 00598003702
00595001601 - 00598004702	00595001502 - 00598003701	00595001605 - 00598003701
00597001601 - 00598004702	00595001502 - 00598003702	00595001605 - 00598004702
00597001701 - 00598005701	00595001601 - 00598003702	00595001605 - 00598005701
00597001702 - 00598005701	00595001602 - 00598003702	00595001605 - 00598005702
00597001801 - 00598005702	00595001605 - 00598004701	00595001606 - 00598003702
00595001702 - 00598004701	00595001606 - 00598004702	00595001702 - 00598003702
00597001501 - 00598004701	00595001706 - 00598004702	00595001706 - 00598004701
00597001601 - 00598004701	00597001502 - 00598004702	00595001706 - 00598005702
00597001701 - 00598004702	00597001601 - 00598003701	00597001402 - 00598003702
00597001702 - 00598004702	00597001602 - 00598005701	00597001602 - 00598003701
00597001402 - 00598003701	00597001802 - 00598005703	00597001602 - 00598003702
00597001602 - 00598004702	00595001402 - 00598003701	00597001701 - 00598004701
00597001401 - 00598003701	00595001502 - 00598004701	00597001701 - 00598005702
00597001802 - 00598005702	00595001505 - 00598003701	00597001801 - 00598004702
00595001602 - 00598004702	00595001505 - 00598003702	
00597001801 - 00598005701	00595001505 - 00598004701	

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

00595001701
00595001702
00597001502
00595001601
00597001602
00595001602

00597001501
00597001601
00597001702
00597001801
00597001701
00597001802

00597001401
00597001402
00595001502
00595001605
00595001706
00595001505

00595001606
00595001501
00595001705

00595001402
00595001302
00595001401

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

00598004702
00598004701
00598005701

00598003701
00598005702
00598003702

00598005703
00598002701

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

630700021 - 630701210
630700020 - 630700210
630700030 - 630700220
630700031 - 630701220
621200031 - 630701220
621200030 - 630700220
621200020 - 630700210
621200021 - 630701210
621200041 - 630701230
621200040 - 630700230
630700041 - 630701230
630700030 - 630700230
630700021 - 630701220
630700031 - 630701230
630700010 - 630700200
630700011 - 630701200
630700020 - 630700220
621200020 - 630700220
621200031 - 630701230
630700011 - 630701210
630700040 - 630700230
630700010 - 630700210
630700020 - 642000210
630700021 - 642001210
630700030 - 642000230
621200030 - 630700230
630700030 - 630700210
621200010 - 630700210
621200011 - 630701210
630700020 - 630700200
630700031 - 630701210

630700031 - 642001230
621200031 - 630701210
621200050 - 630700240
621200021 - 630701220
630700011 - 642001210
630700020 - 642000220
630700021 - 642001220
630700041 - 642001240
621200030 - 630700210
630700021 - 630701200
630700031 - 642001220
621200051 - 630701230
630700030 - 642000220
630700040 - 630700220
630700041 - 630701240
630700041 - 642001230
630700050 - 630700240
630700051 - 630701240
621200010 - 630700200
621200041 - 630701220
630700010 - 642000210
621200041 - 630701240
621200051 - 630701240
630700010 - 642000100
621200040 - 630700240
621200050 - 630700230
630700008 - 630700200
630700041 - 630701220
621200011 - 630701200
621200040 - 630700220
630700008 - 630700002

630700009 - 630701200
630700009 - 642001100
630700020 - 642000230
630700031 - 642001240
630700040 - 630700240
630700040 - 642000240
632000102 - 642000210
632000103 - 642000230
632000202 - 642001210
632000203 - 642001220
621200008 - 630700200
621200020 - 630700200
621200021 - 630701200
621200031 - 630701240
621200050 - 630700250
630700006 - 621200001
630700011 - 630701002
630700011 - 630701220
630700011 - 642001100
630700021 - 642001230
630700030 - 630700240
630700030 - 632400102
630700030 - 642000210
630700040 - 642000230
630700051 - 642001240
632000101 - 642000210
632000103 - 642000220
632000202 - 642001220
632000203 - 642001230

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

630700021	621200021	630700008
630700020	621200041	630700009
630700030	621200040	632000103
630700031	630700040	632000202
621200031	621200010	632000203
621200030	621200050	632000102
621200020	621200011	621200008
630700011	621200051	630700006
630700041	630700051	632000101
630700010	630700050	

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	00541401402 - 630701210	00541001501 - 630700220
00541401501 - 630700210	00541201702 - 630701230	00541001702 - 630701240
00541001702 - 630701230	00541401502 - 630701220	00541601502 - 621201210
00541001701 - 630700230	00541401401 - 630700210	00541601501 - 621200210
00541001601 - 630700230	00541001502 - 630701210	00541401602 - 630701210
00541001602 - 630701230	00541201602 - 630701220	00541001401 - 630700210
00541001602 - 630701220	00541401501 - 630700220	00541201602 - 630701210
00541401602 - 630701220	00541401402 - 630701200	00541201602 - 630701230
00541001601 - 630700220	00541201601 - 630700220	00541201601 - 630700230
00541401601 - 630700220	00541001701 - 630700240	00541601502 - 621201220
00541201501 - 630700210	00541001501 - 630700210	00541201501 - 630700220
00541201502 - 630701210	00541401401 - 630700200	00541201502 - 630701220
00541201701 - 630700230	00541001502 - 630701220	00541401701 - 630700230

00541001402 - 630701210	00541001702 - 630701220	00541001802 - 630701250
00541201701 - 630700240	00541201401 - 630700200	00541201501 - 621200230
00541201802 - 630701240	00541201701 - 621200240	00541201502 - 630701230
00541601501 - 621200220	00541201801 - 630700230	00541201801 - 621200230
00541001402 - 630701200	00541401502 - 630701200	00541201801 - 621200240
00541001801 - 630700240	00541601502 - 621201200	00541201802 - 621201240
00541201601 - 630700210	00541201501 - 621200220	00541201802 - 630701250
00541201402 - 630701210	00541201702 - 621201240	00541401601 - 630701220
00541201702 - 630701240	00541601401 - 621200220	00541401602 - 630700220
00541401702 - 630701230	00541601601 - 621200210	00541401701 - 630700240
00541001802 - 630701240	00541001501 - 630700230	00541601402 - 621201002
00541401601 - 630700210	00541001602 - 630701240	00541601501 - 621200230
00541401501 - 630700200	00541201502 - 621201230	00541601701 - 621200220
00541001401 - 630700200	00541201601 - 621200220	00541001401 - 630700220
00541201401 - 630700210	00541401602 - 630701230	00541001402 - 630701220
00541201601 - 621200230	00541001601 - 630700240	00541001501 - 630700200
00541201602 - 621201230	00541001701 - 630700220	00541001502 - 630700220
00541201701 - 621200230	00541001802 - 630701230	00541001502 - 630701200
00541201701 - 630700220	00541401301 - 630700200	00541001701 - 630701230
00541601401 - 621200200	00541601501 - 621200200	00541001801 - 630700250
00541601402 - 621201210	00541001502 - 630701230	00541201501 - 621200210
00541601601 - 621200220	00541001801 - 630700230	00541201501 - 621200240
00541601602 - 621201210	00541201501 - 630700200	00541201502 - 621201210
00541201702 - 621201230	00541201502 - 630701200	00541201701 - 621200250
00541201402 - 630701200	00541201602 - 621201240	00541201701 - 630701230
00541201801 - 630700240	00541401401 - 630700220	00541201702 - 621201250
00541601402 - 621201200	00541401402 - 630701220	00541201801 - 630700250
00541401601 - 630700230	00541601402 - 621201220	00541401302 - 630701210
00541601401 - 621200210	00541601602 - 621201230	00541401401 - 630701210
00541601602 - 621201220	00541601701 - 621200230	00541401501 - 630700230
00541001601 - 630700210	00541201502 - 621201220	00541401501 - 630701210
00541201702 - 630701220	00541201601 - 621200240	00541401502 - 642001220
00541201802 - 630701230	00541201701 - 621200220	00541401601 - 630701210
00541401702 - 630701220	00541601301 - 621200200	00541401601 - 632400102
00541201602 - 621201220	00541601302 - 621201200	00541401602 - 630701200
00541401302 - 630701200	00541601502 - 621201230	00541601601 - 621200230
00541401701 - 630700220	00541601602 - 630701220	
00541001602 - 630701210	00541601702 - 621201230	

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

00541401502	00541001601	00541201602
00541401501	00541001702	00541401602
00541001602	00541001701	00541201701

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00541601501	00541001802	

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

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630701230	621201230	621201250
630700220	621200230	632400102
630700240	621201200	642001220
630701200	621200200	
630701240	621200240	
630700200	621201240	

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

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

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42500606402	42500007001	42502205801
42500606602	42502005601	42502005401
42500606802	42502005602	42570606202
42502006602	42502806602	42500005402
42500606801	42502806601	42502805602
42500606201	42502806801	42570006001
42500607002	42502806802	42572606002
42500606601	42502806401	42500005401
42502006002	42500005601	42502005402
42502006001	42502807002	42502205802
42500606401	42502807001	42570606401
42502006601	42502806201	42572606802
42500006402	42502806402	42504607001
42500006401	42500005602	42570006002
42500607001	42502806202	42572006001
42500606002	42500605402	42572006002
42500006202	42502206401	42572606601
42500006201	42502206402	42572606602
42500606001	42502206201	42502805601
42502607401	42502806001	42504605801
42502607402	42502807401	42504607002
42502605802	42502206601	42570606402
42500006002	42502206602	42502207002
42502605801	42502807402	42504605802
42500006001	42500605401	42504605811
42502006802	42502605402	42570606002
42500006602	42502806002	42500806601
42500006601	42502605401	42570606601
42500605802	42504606202	42572605802
42500605801	42572606202	42572607002
42502006801	42502206602	42500206201
42500607401	42572606201	42500206401
42500607402	42502206001	42500805802
42502007002	42504606601	42500806001
42502005802	42502206202	42500806402
42502005801	42502805802	42502005002
42502007001	42504606602	42504605812
42500006801	42572606402	42504606211

42504606212	42500206002	42504606611
42505606602	42500805601	42504606612
42570606001	42500806202	42504607012
42570606802	42500806801	42572005801
42572005802	42502005001	42572607401
42572607001	42502005202	

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

42532007102	42530006702	42542006702
42532007101	42530007502	42542007102
42532006702	42530007501	42542007501
42532006701	42530007901	42542007502
42532007502	42530007902	42532005802
42532007501	42532008802	42542006401
42532007902	42532008801	42542006402
42532007901	42530008302	42542007902
42532006402	42530008301	42542008302
42532006401	42530006401	42542008301
42532008302	42530006402	42532005801
42532008301	42532006101	42542007901
42530007101	42542007101	
42530006701	42532006102	
42530007102	42542006701	

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

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

704107R - 71150004	713007L - 71150005	714511R - 71150009
704113L - 71150011	714505L - 71150006	
704113R - 71150011	714507L - 71150007	
713005L - 71150005	714507R - 71150006	

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

704107R	713009R	713007R
704107L	714509L	714511L
704109L	704105L	714505L
704109R	714509R	714511R
704111R	704113R	713005L
704111L	714507R	714507L
713011L	704105R	
713011R	704113L	
713009L	713007L	

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

71150007	71150005	71150003
71150009	71150013	71150004
71150011	71150006	

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

196040300 - 129433130	196040400 - 129433150	196040600 - 129433150
196050300 - 129433130	196050250 - 129433130	196050400 - 129433130
196050400 - 129433140	196040300 - 129433140	940019 - 129434130
196050500 - 129433150	196040450 - 129433140	196040500 - 129433160
196050450 - 129433130	196040500 - 129433140	196050500 - 129433160
196040500 - 129433150	196050200 - 129433120	940015 - 129434150
196040400 - 129433140	196040200 - 129433120	196040200 - 129433130
196050250 - 129433125	196040250 - 129433120	196050200 - 129433130
196050300 - 129433125	196040250 - 129433130	196050600 - 129433150
196040250 - 129433125	196050200 - 129433125	940013 - 129434130
196050500 - 129433140	196050450 - 129433140	940018 - 129434125
196040300 - 129433125	196040200 - 129433125	940029 - 129434130
196050300 - 129433140	940023 - 129434130	196050300 - 129435125
196040450 - 129433130	196040600 - 129433160	196050300 - 129435130
196050400 - 129433150	196050250 - 129433120	196050600 - 129433160

940015 - 129434140	940018 - 129434130	196050250 - 129435125
940029 - 129434140	940023 - 129434125	196050300 - 129433150
196040250 - 129435125	940025 - 129434140	196050300 - 129435140
196040400 - 129433130	940028 - 129434125	196050450 - 129435125
196050200 - 129435120	196020400 - 129433140	196050500 - 129435150
196050400 - 129435140	196020450 - 129433140	196050600 - 129433140
940013 - 129434125	196030400 - 129433140	196050600 - 129433170
940014 - 129434140	196040200 - 129433115	196064500 - 129433140
940025 - 129434150	196040250 - 129435115	196074500 - 129433140
196030450 - 129433140	196040250 - 129435120	940012 - 129434120
196040150 - 129433120	196040250 - 129435130	940013 - 129435140
196040200 - 129435125	196040300 - 129433120	940014 - 129434130
196040300 - 129435125	196040300 - 129433150	940014 - 129434150
196040300 - 129435130	196040400 - 129435140	940016 - 129434150
196040300 - 129435140	196040450 - 129431130	940019 - 129434140
196040400 - 129435130	196040450 - 129433125	940022 - 129434120
196040400 - 129435150	196040450 - 129435130	940023 - 129434120
196040500 - 129435150	196040500 - 129435140	940023 - 129434140
196040600 - 129435150	196040600 - 129433140	940024 - 129434140
196050150 - 129433115	196050150 - 129433120	940025 - 129434130
196050400 - 129435130	196050200 - 129433110	940028 - 129434130
196050450 - 129433125	196050200 - 129435125	
196050450 - 129435140	196050250 - 129433140	
196050600 - 129435150	196050250 - 129435120	

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

196050300	196040600	196030450
196040300	196050600	196040150
196050400	940023	196020400
196050500	940015	196020450
196050250	940013	196030400
196040400	940029	196064500
196040500	940019	196074500
196040250	940018	940012
196050450	940025	940016
196040450	940014	940022
196050200	196050150	940024
196040200	940028	

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

129433130	129435125	129434120
129433140	129434125	129431130
129433125	129435130	129433110
129433150	129434150	129433170
129433120	129435140	129435115
129434130	129435150	
129433160	129435120	
129434140	129433115	

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

196050450 - 158130000	196040250 - 158120000	196040400 - 158150000
196040450 - 158130000	196040450 - 158140000	196040600 - 158160000
196050300 - 158130000	196050450 - 158140000	940015 - 158140000
196040300 - 158130000	196063500 - 158125000	196020500 - 158160000
196050300 - 158125000	196065500 - 158140000	196040300 - 158140000
196050500 - 158140000	196030450 - 158130000	196050200 - 158120000
196040300 - 158125000	196050250 - 158120000	196050300 - 158120000
196040500 - 158140000	196050250 - 158130000	196065500 - 158150000
196040400 - 158140000	196074500 - 158130000	196066500 - 158150000
196050500 - 158150000	196020250 - 158130000	196068500 - 158120000
196020500 - 158150000	196030400 - 158150000	196075500 - 158150000
196030500 - 158150000	196074500 - 158140000	196078500 - 158120000
196050400 - 158140000	196020500 - 158140000	940013 - 158125000
196040500 - 158150000	196040250 - 158130000	940014 - 158140000
196020300 - 158130000	196064500 - 158140000	196020200 - 158125000
196030300 - 158130000	196069500 - 158130000	196020600 - 158160000
196050250 - 158125000	196073500 - 158130000	196030200 - 158120000
196040400 - 158130000	196050300 - 158140000	196030600 - 158160000
196050400 - 158130000	196050400 - 158150000	196050200 - 158125000
196040250 - 158125000	196063500 - 158130000	196050200 - 158130000
196050600 - 158150000	196064500 - 158130000	196062500 - 158120000
196030450 - 158140000	196078500 - 158125000	196062500 - 158125000
196020450 - 158140000	940023 - 158125000	196072500 - 158115000
196020250 - 158125000	196020300 - 158140000	196073500 - 158120000
196073500 - 158125000	196030200 - 158125000	196076500 - 158150000
196020450 - 158130000	196040200 - 158120000	940014 - 158130000
196030250 - 158125000	196040200 - 158125000	940019 - 158130000
196040600 - 158150000	196040300 - 158120000	940024 - 158130000
196020400 - 158140000	196068500 - 158125000	940029 - 158130000
196030250 - 158130000	940025 - 158140000	196020250 - 158120000
196030400 - 158140000	196020400 - 158150000	196020600 - 158150000
196075500 - 158140000	196030300 - 158140000	196030450 - 158150000
196079500 - 158130000	196030500 - 158160000	196030500 - 158140000

196040200 - 158130000	196050500 - 158130000	940013 - 158130000
196040500 - 158115000	196050600 - 158160000	940023 - 158130000
196040500 - 158160000	196069500 - 158125000	940024 - 158140000
196040600 - 158140000	196072500 - 158120000	940028 - 158120000
196050450 - 158125000	196079500 - 158125000	

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

196050300	196050600	940014
196040300	196073500	940025
196050500	196030400	196062500
196050450	196040600	940013
196040500	196020400	940015
196040450	196074500	196020600
196040400	196063500	196066500
196050400	196075500	196072500
196020500	196064500	940024
196030500	196065500	196020200
196050250	196079500	196030600
196040250	196040200	196076500
196020300	196078500	940019
196030300	196068500	940029
196020450	196069500	940028
196030450	196030200	
196030250	196050200	
196020250	940023	

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	960005 - 158140000	960008 - 158125000
960003 - 158130000	960003 - 158125000	960005 - 158150000
960004 - 158140000	196001400 - 158130000	960018 - 158125000
960013 - 158125000	960014 - 158140000	960015 - 158150000
960015 - 158140000	196000400 - 158130000	960004 - 158130000

960014 - 158130000	960004 - 158150000	196000400 - 158125000
960018 - 158120000	196000400 - 158140000	960002 - 158115000
960008 - 158120000	960008 - 158130000	960012 - 158115000
960016 - 158150000	960016 - 158160000	960015 - 158130000
960006 - 158150000	960012 - 158125000	196000400 - 158120000
960013 - 158120000	960006 - 158160000	960006 - 158140000
960003 - 158120000	960013 - 158140000	960007 - 158115000
960002 - 158120000	960014 - 158150000	960012 - 158130000
960018 - 158130000	960005 - 158160000	960015 - 158120000
196001400 - 158140000	960015 - 158160000	960017 - 158115000
960003 - 158140000	960002 - 158125000	960018 - 158115000
960012 - 158120000	196001400 - 158125000	

Catalog numbers used in the analysis of the Sigma PFC/Sigma femoral component.

960013	196001400	960012
960003	960008	960002
960005	960018	960007
960015	196000400	960017
960004	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 All-Poly combination.

196001400 - 960640	960008 - 960630	196001400 - 960641
196000400 - 960640	960008 - 960620	960013 - 960631
960013 - 960630	960018 - 960630	960005 - 960650
960013 - 960640	960015 - 960650	960005 - 960660
960003 - 960630	960003 - 960641	960008 - 960631
960003 - 960640	960018 - 960620	196000400 - 960641
960004 - 960650	196001400 - 960650	960013 - 960641
960014 - 960640	960003 - 960631	960015 - 960651
960004 - 960640	960014 - 960651	196000400 - 960650
960014 - 960650	196000400 - 960630	960002 - 960620

196001400 - 960630	960006 - 960650	960013 - 962630
196001400 - 960631	960006 - 960660	960014 - 960641
960003 - 960632	960008 - 860123	960015 - 960652
960003 - 960642	960008 - 960622	960015 - 960660
960004 - 860124	960008 - 960632	960016 - 960650
960004 - 960641	960012 - 960620	960016 - 960650
960004 - 960652	960012 - 960621	960018 - 960631
960005 - 960651	960013 - 860127	960018 - 960632
960005 - 960652	960013 - 960632	
960005 - 960661	960013 - 960642	

Catalog numbers used in the analysis of the Sigma PFC/Sigma PFC All-Poly femoral component.

960013	960004	960002
960003	960008	960006
196001400	960018	960012
196000400	960015	960016
960014	960005	

Catalog numbers used in the analysis of the Sigma PFC/Sigma PFC All-Poly tibia component.

960640	960660	960621
960630	960632	960622
960650	960652	
960620	960642	960661
960641	860123	962630
960631	860124	
960651	860127	

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

5510F402 - 5520B400	5517F401 - 5536B400	5510F502 - 5520B400
5510F401 - 5520B400	5517F502 - 5536B500	5510F402 - 5520B300
5510F502 - 5520B500	5517F501 - 5536B500	5510F401 - 5520B300
5510F302 - 5520B300	5517F302 - 5536B300	5510F501 - 5520B400
5510F501 - 5520B500	5517F301 - 5536B300	5510F501 - 5520B600
5517F402 - 5536B400	5517F602 - 5536B600	5517F702 - 5536B700
5510F301 - 5520B300	5510F702 - 5520B700	5510F502 - 5520B600
5510F601 - 5520B600	5517F601 - 5536B600	5515F402 - 5520B400
5510F602 - 5520B600	5510F701 - 5520B700	5517F701 - 5536B700

5515F401 - 5520B400	5517F601 - 5536B500	5516F701 - 5536B600
5517F501 - 5536B600	5517F701 - 5536B600	5515F501 - 5520B600
5510F401 - 5520B500	5516F602 - 5536B600	5510F702 - 5534A709
5517F502 - 5536B600	5516F601 - 5536B600	5517F702 - 5536B800
5510F402 - 5520B500	5516F401 - 5536B300	5515F301 - 5520B400
5517F401 - 5536B500	5517F202 - 5536B300	5516F401 - 5536B500
5517F402 - 5536B500	5515F702 - 5520B700	5515F602 - 5520B700
5515F502 - 5520B500	5515F701 - 5520B700	5516F301 - 5536B400
5510F602 - 5520B500	5515F402 - 5520B300	5516F302 - 5536B400
5510F601 - 5520B500	5517F302 - 5536B200	5515F601 - 5520B700
5510F302 - 5520B400	5516F402 - 5536B300	5510F701 - 5534A709
5510F202 - 5520B200	5517F201 - 5536B300	5510F602 - 5534A609
5517F402 - 5536B300	5510F201 - 5520B300	5515F201 - 5520B200
5516F402 - 5536B400	5515F501 - 5520B400	5517F701 - 5536B800
5510F201 - 5520B200	5510F802 - 5520B700	5515F301 - 5520B200
5517F301 - 5536B400	5510F202 - 5520B300	5515F802 - 5520B700
5510F301 - 5520B400	5516F502 - 5536B400	5515F302 - 5520B400
5516F401 - 5536B400	5517F301 - 5536B200	5516F602 - 5536B700
5517F401 - 5536B300	5516F501 - 5536B400	5515F202 - 5520B200
5515F501 - 5520B500	5510F702 - 5520B800	5516F601 - 5536B700
5510F702 - 5520B600	5515F401 - 5520B300	5515F302 - 5520B200
5517F302 - 5536B400	5510F801 - 5520B700	5515F802 - 5520B800
5517F502 - 5536B400	5516F301 - 5536B200	5517F101 - 5536B200
5516F502 - 5536B500	5516F701 - 5536B700	5510F601 - 5534A609
5510F602 - 5520B700	5516F702 - 5536B700	5516F801 - 5536B700
5510F701 - 5520B600	5515F601 - 5520B500	5515F801 - 5520B700
5517F501 - 5536B400	5517F802 - 5536B800	5510F202 - 5520B100
5510F601 - 5520B700	5510F701 - 5520B800	5510F502 - 5534A509
5517F201 - 5536B200	5516F602 - 5536B500	5510F201 - 5520B100
5515F301 - 5520B300	5516F702 - 5536B600	5510F401 - 5534A409
5516F501 - 5536B500	5515F602 - 5520B500	5515F801 - 5520B800
5517F601 - 5536B700	5516F202 - 5536B200	5516F201 - 5536B100
5517F602 - 5536B700	5515F702 - 5520B600	5510F102 - 5520B100
5516F302 - 5536B300	5516F601 - 5536B500	5510F402 - 5534A409
5515F602 - 5520B600	5517F801 - 5536B800	5510F501 - 5534A509
5517F702 - 5536B600	5516F201 - 5536B200	5516F201 - 5536B300
5517F602 - 5536B500	5517F802 - 5536B700	5517F102 - 5536B200
5510F801 - 5520B800	5515F701 - 5520B600	5517F302 - 5527B400
5515F302 - 5520B300	5516F502 - 5536B600	5517F101 - 5536B100
5517F202 - 5536B200	5515F401 - 5520B500	5517F102 - 5536B100
5516F301 - 5536B300	5516F302 - 5536B200	5517F402 - 5527B500
5515F502 - 5520B400	5517F801 - 5536B700	5510F101 - 5520B100
5510F301 - 5520B200	5515F502 - 5520B600	5516F202 - 5536B100
5510F802 - 5520B800	5516F402 - 5536B500	5516F202 - 5536B300
5515F601 - 5520B600	5515F402 - 5520B500	5517F301 - 5527B400
5510F302 - 5520B200	5516F501 - 5536B600	5510F102 - 5520B200

5510F402 - 5536B400
5510F702 - 5534A609
5516F102 - 5536B100
5516F802 - 5536B700
5517F202 - 5536B100
5517F501 - 5520B500
5517F401 - 5527B500
5515F702 - 5520B800
5517F502 - 5527B600
5517F602 - 5527B700
5510F302 - 5534A309
5517F301 - 5520B300
5510F401 - 5536B400
5510F701 - 5534A609
5515F201 - 5520B300
5516F802 - 5536B800
5517F302 - 5520B300
5515F202 - 5520B300
5515F701 - 5520B800
5516F101 - 5536B100
5516F702 - 5536B800
5517F402 - 5520B400
5517F501 - 5526B500
5517F501 - 5526B600
5517F502 - 5520B500
5517F502 - 5526B500
5517F602 - 5526B600
5510F101 - 5520B200
5510F402 - 5520B600
5510F801 - 5534A809
5517F601 - 5527B700
5510F302 - 5536B300
5516F701 - 5536B800
5516F801 - 5536B800
5517F201 - 5536B100
5517F602 - 5520B600
5510F301 - 5534A309
5510F302 - 5520B500
5510F401 - 5536B500
5510F501 - 5534A409
5510F602 - 5534A709
5515F201 - 5520B100
5516F102 - 5536B200
5517F402 - 5520B300
5517F402 - 5526B400
5517F402 - 5536B600
5517F501 - 5527B600
5517F601 - 5526B600
5517F701 - 5520B700
5517F701 - 5527B800
5517F702 - 5526B700
5517F702 - 5527B800
5510F301 - 5536B400
5510F501 - 5520B700
5510F502 - 5520B700
5510F502 - 5534A409
5517F301 - 5526B300
5517F302 - 5527B300
5517F302 - 5536B500
5517F401 - 5520B400
5517F401 - 5526B400
5517F501 - 5520B600
5517F502 - 5526B600
5517F502 - 5536B700
5517F601 - 5520B600
5510F401 - 5534A509
5510F502 - 5534A609
5510F502 - 5536B500
5510F601 - 5534A509
5510F801 - 5534A709
5515F302 - 5536B300
5515F402 - 5536B400
5515F702 - 5535A709
5517F202 - 5520B200
5517F301 - 5527B300
5517F401 - 5527B400
5517F502 - 5520B600
5517F702 - 5520B700
5510F201 - 5536B200
5510F301 - 5536B300
5510F401 - 5534A309
5510F402 - 5534A309
5510F402 - 5536B500
5510F501 - 5534A609
5510F501 - 5536B600
5510F601 - 5534A709
5510F602 - 5534A509
5515F202 - 5520B100
5515F301 - 5536B300
5515F402 - 5536B300
5515F602 - 5536B600
5515F701 - 5535A709
5517F501 - 5527B500
5517F502 - 5526B400
5517F602 - 5526B700
5517F701 - 5526B700
5510F202 - 5536B200
5510F401 - 5520B600
5510F402 - 5534A509
5510F402 - 5536B300
5510F501 - 5536B500
5510F601 - 5536B600
5510F702 - 5534A809
5515F202 - 5536B200
5515F401 - 5536B400
5515F501 - 5536B500
5515F502 - 5536B600
5517F401 - 5520B300
5517F401 - 5520B500
5517F401 - 5536B600
5517F501 - 5536B700
5517F502 - 5527B500
5517F601 - 5526B700
5517F602 - 5526B500
5517F701 - 5520B600
5517F702 - 5527B700
5510F201 - 5536B300
5510F301 - 5520B500
5510F401 - 5520M400
5510F502 - 5536B600
5510F601 - 5520B800
5510F601 - 5534A611
5510F601 - 5536B500
5510F602 - 5534A611
5510F702 - 5536B700
5510F802 - 5534A709
5510F802 - 5534A809
5515F402 - 5536B500
5515F502 - 5536B400
5515F502 - 5536B500
5515F602 - 5535A609
5515F702 - 5536B600
5515F702 - 5536B700
5517F102 - 5536B300
5517F201 - 5520B200
5517F201 - 5527B300
5517F202 - 5527B300
5517F202 - 5536B400

5517F301 - 5520B200	5516F602 - 5526B500	5510F701 - 5536B600
5517F301 - 5536B500	5517F101 - 5527B200	5510F701 - 5536B700
5517F302 - 5526B300	5517F201 - 5520B300	5510F702 - 5520B500
5517F401 - 5526B300	5517F201 - 5536B400	5510F702 - 5536B600
5517F401 - 5526B500	5517F202 - 5520B300	5510F801 - 5534A811
5517F402 - 5527B400	5517F302 - 5526B400	5510F802 - 5534A711
5517F701 - 5536B500	5517F402 - 5520B500	5510F802 - 5536B800
5517F801 - 5527B800	5517F402 - 5526B500	5514F302 - 5536B200
5510F102 - 5520B300	5517F501 - 5520B400	5514F501 - 5520B600
5510F201 - 5520B400	5517F501 - 5526B400	5514F502 - 5536B500
5510F201 - 5534A209	5517F601 - 5520B700	5514F602 - 5536B600
5510F202 - 5520B400	5517F601 - 5526B500	5515F101 - 5520B100
5510F202 - 5536B300	5517F601 - 5536B800	5515F101 - 5520B200
5510F301 - 5536B200	5517F701 - 5526B600	5515F101 - 5527B200
5510F302 - 5536B400	5517F701 - 5527B700	5515F101 - 5536B200
5510F402 - 5520B200	5517F702 - 5520B600	5515F102 - 5520B200
5510F501 - 5520B200	5517F702 - 5526B600	5515F202 - 5527B300
5510F502 - 5520B300	5517F802 - 5527B800	5515F302 - 5520B500
5510F502 - 5520M500	5517F802 - 5536B600	5515F302 - 5520M300
5510F502 - 5536B400	5510F101 - 5536B100	5515F302 - 5536B200
5510F601 - 5520B200	5510F101 - 5536B200	5515F401 - 5523B500
5510F601 - 5520B400	5510F102 - 5520B500	5515F401 - 5535A409
5510F601 - 5536B700	5510F201 - 5536B100	5515F401 - 5535A509
5510F602 - 5520B400	5510F202 - 5520M200	5515F402 - 5520B200
5510F602 - 5536B700	5510F301 - 5520B600	5515F501 - 5535A509
5510F701 - 5534A809	5510F301 - 5526B300	5515F501 - 5535A609
5510F702 - 5534A711	5510F301 - 5534A209	5515F502 - 5524B400
5510F801 - 5536B800	5510F302 - 5520B100	5515F601 - 5535A709
5515F102 - 5520B100	5510F302 - 5520B600	5515F601 - 5536B600
5515F201 - 5536B200	5510F302 - 5526B200	5515F602 - 5520B400
5515F302 - 5536B400	5510F302 - 5534A209	5515F602 - 5527B700
5515F401 - 5536B300	5510F302 - 5534A409	5515F602 - 5535A709
5515F401 - 5536B500	5510F401 - 5534A511	5515F602 - 5535A711
5515F501 - 5527B600	5510F401 - 5536B300	5515F602 - 5536B500
5515F501 - 5536B400	5510F402 - 5520M400	5515F701 - 5527B700
5515F501 - 5536B600	5510F501 - 5520M500	5515F701 - 5535A609
5515F601 - 5535A609	5510F501 - 5526B500	5515F701 - 5535A809
5515F602 - 5536B700	5510F501 - 5534A416	5515F701 - 5536B700
5515F701 - 5536B600	5510F501 - 5536B400	5515F701 - 5536B800
5516F101 - 5536B200	5510F602 - 5534A511	5515F702 - 5520B400
5516F301 - 5527B400	5510F602 - 5536B600	5515F702 - 5527B800
5516F302 - 5520B400	5510F602 - 5536B800	5515F702 - 5535A609
5516F402 - 5520B300	5510F701 - 5520B300	5515F702 - 5535A611
5516F501 - 5520B400	5510F701 - 5534A611	5515F702 - 5535A809
5516F501 - 5520B500	5510F701 - 5534A711	5515F702 - 5536B800
5516F501 - 5526B500	5510F701 - 5534A716	5515F801 - 5535A809

5515F802 - 5536B700	5516F601 - 5526B500	5517F401 - 5536B700
5516F102 - 5520B200	5516F601 - 5527B600	5517F401 - 5536B800
5516F202 - 5526B200	5516F602 - 5527B600	5517F501 - 5536B300
5516F202 - 5527B300	5516F602 - 5527B700	5517F502 - 5520B400
5516F301 - 5520B400	5516F602 - 5536B400	5517F502 - 5534A509
5516F301 - 5526B200	5516F802 - 5527B800	5517F502 - 5536B200
5516F301 - 5526B300	5516F802 - 5536B600	5517F502 - 5536B300
5516F302 - 5536B500	5517F101 - 5520B100	5517F601 - 5527B600
5516F401 - 5520B500	5517F101 - 5536B300	5517F602 - 5520B700
5516F401 - 5526B400	5517F201 - 5520M300	5517F602 - 5527B600
5516F401 - 5527B500	5517F201 - 5526B300	5517F602 - 5536B400
5516F402 - 5520B400	5517F201 - 5527B200	5517F602 - 5536B800
5516F402 - 5526B400	5517F301 - 5526B200	5517F701 - 5527B600
5516F402 - 5526B500	5517F301 - 5534A413	5517F702 - 5520B800
5516F402 - 5527B400	5517F302 - 5520B400	5517F801 - 5536B600
5516F402 - 5527B500	5517F302 - 5536B100	5517F802 - 5520B700
5516F501 - 5527B500	5517F302 - 5536B600	5517F802 - 5526B700
5516F501 - 5536B700	5517F401 - 5527B300	5517F802 - 5536B300
5516F601 - 5520B500	5517F401 - 5536B200	

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

5510F402	5516F402	5516F701
5510F401	5516F401	5517F801
5510F502	5515F501	5516F201
5510F501	5510F202	5516F202
5517F402	5510F201	5515F802
5510F302	5516F502	5515F201
5517F401	5516F501	5517F101
5510F601	5517F201	5515F202
5510F602	5517F202	5515F801
5510F301	5515F602	5510F102
5517F502	5516F301	5517F102
5517F501	5516F302	5516F801
5517F302	5515F301	5516F802
5517F301	5510F801	5510F101
5517F602	5515F601	5516F102
5510F702	5510F802	5516F101
5517F601	5516F602	5515F101
5510F701	5516F601	5515F102
5517F702	5515F302	5514F302
5515F402	5515F702	5514F501
5517F701	5515F701	5514F502
5515F401	5516F702	5514F602
5515F502	5517F802	

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

5520B400	5534A409	5527B200
5520B500	5527B400	5534A209
5520B300	5527B500	5534A711
5520B600	5526B600	5520M500
5536B400	5526B500	5535A809
5536B500	5527B700	5520M300
5536B600	5534A309	5534A511
5536B300	5527B600	5535A509
5520B700	5526B400	5520M200
5536B700	5526B700	5523B500
5520B200	5527B800	5524B400
5536B200	5527B300	5534A413
5520B800	5534A809	5534A416
5536B800	5526B300	5534A716
5536B100	5535A709	5534A811
5534A709	5535A609	5535A409
5520B100	5534A611	5535A611
5534A609	5520M400	5535A711
5534A509	5526B200	

Catalog numbers used in the analysis of the Triathlon/Triathlon TS combination.

5515F402 - 5521B400	5510F402 - 5521B300	5510F602 - 5521B500
5515F401 - 5521B400	5510F601 - 5521B600	5510F202 - 5521B200
5510F402 - 5521B400	5510F401 - 5521B300	5510F701 - 5521B700
5510F401 - 5521B400	5510F602 - 5521B600	5515F201 - 5521B200
5515F302 - 5521B300	5510F502 - 5521B400	5510F601 - 5521B500
5515F301 - 5521B300	5515F602 - 5521B500	5510F301 - 5521B200
5515F502 - 5521B500	5515F702 - 5521B700	5510F301 - 5521B400
5510F301 - 5521B300	5510F501 - 5521B400	5510F702 - 5521B600
5510F302 - 5521B300	5515F701 - 5521B700	5515F801 - 5521B700
5515F501 - 5521B500	5515F601 - 5521B500	5510F302 - 5521B400
5515F401 - 5521B300	5515F702 - 5521B600	5510F501 - 5521B600
5515F402 - 5521B300	5515F701 - 5521B600	5510F701 - 5521B600
5510F502 - 5521B500	5515F302 - 5521B200	5510F502 - 5521B600
5515F602 - 5521B600	5515F301 - 5521B200	5515F802 - 5521B700
5515F502 - 5521B400	5510F302 - 5521B200	5510F401 - 5521B500
5515F501 - 5521B400	5510F201 - 5521B200	5510F402 - 5521B500
5515F601 - 5521B600	5515F202 - 5521B200	5515F302 - 5521B400
5510F501 - 5521B500	5510F702 - 5521B700	5515F802 - 5521B800

5515F501 - 5521B600
5515F402 - 5521B500
5515F801 - 5521B800
5515F301 - 5521B400
5515F401 - 5521B500
5515F502 - 5521B600
5510F202 - 5521B300
5510F601 - 5521B700
5510F201 - 5521B300
5510F801 - 5521B700
5515F601 - 5521B700
5510F602 - 5521B700
5510F802 - 5521B700
5515F602 - 5521B700
5510F801 - 5521B800
5510F802 - 5521B800
5515F201 - 5521B300
5515F202 - 5521B300
5515F202 - 5521B100
5515F201 - 5521B100
5510F202 - 5521B100
5510F201 - 5521B100
5515F102 - 5521B100
5515F101 - 5521B100
5510F102 - 5521B100
5510F101 - 5521B100
5515F701 - 5521B800
5517F401 - 5521B400
5517F402 - 5521B400
5510F101 - 5521B200
5515F702 - 5521B800
5510F702 - 5521B800
5510F701 - 5521B800
5517F201 - 5521B200
5517F302 - 5521B300
5517F301 - 5521B300
5517F402 - 5521B500
5510F102 - 5521B200
5517F301 - 5521B400
5517F302 - 5521B400
5517F202 - 5521B200
5517F202 - 5521B300
5517F602 - 5521B600
5517F201 - 5521B300
5515F102 - 5521B200
5510F501 - 5521B300

5510F602 - 5521B400
5517F401 - 5521B500
5517F502 - 5521B500
5515F502 - 5521B300
5516F302 - 5521B300
5517F102 - 5521B200
5517F501 - 5521B500
5510F402 - 5521B200
5510F601 - 5521B400
5510F702 - 5521B500
5510F801 - 5521B600
5515F101 - 5521B200
5515F702 - 5521B500
5516F301 - 5521B300
5516F502 - 5521B400
5517F101 - 5521B100
5517F401 - 5521B300
5517F502 - 5521B600
5517F701 - 5521B700
5510F401 - 5521B200
5510F502 - 5521B300
5515F302 - 5521B500
5515F501 - 5521B300
5515F601 - 5521B800
5515F602 - 5521B400
5516F401 - 5521B400
5516F402 - 5521B400
5517F101 - 5521B200
5517F302 - 5521B200
5510F102 - 5521B300
5510F701 - 5521B500
5515F201 - 5521B400
5515F202 - 5521B400
5515F301 - 5521B500
5515F401 - 5521B200
5515F402 - 5521B600
5515F501 - 5521B700
5515F502 - 5521B200
5515F502 - 5521B800
5515F602 - 5521B200
5515F701 - 5521B500
5515F801 - 5521B600
5516F202 - 5521B100
5516F401 - 5521B300
5516F501 - 5521B400
5516F501 - 5521B500

5516F702 - 5521B700
5517F402 - 5521B300
5517F501 - 5521B600
5517F502 - 5521B400
5517F601 - 5521B600
5510F101 - 5521B300
5510F201 - 5521B400
5510F202 - 5521B400
5510F302 - 5521B500
5510F302 - 5521B600
5510F501 - 5521B200
5510F601 - 5521B200
5510F802 - 5521B600
5514F401 - 5521B300
5515F102 - 5521B300
5515F302 - 5521B600
5515F401 - 5521B600
5515F401 - 5521B700
5515F402 - 5521B200
5515F502 - 5521B700
5515F601 - 5521B200
5515F602 - 5521B800
5515F802 - 5521B600
5516F101 - 5521B200
5516F202 - 5521B200
5516F302 - 5521B400
5516F401 - 5521B500
5516F402 - 5521B500
5516F501 - 5521B600
5516F502 - 5521B600
5516F701 - 5521B600
5516F702 - 5521B600
5516F801 - 5521B700
5517F102 - 5521B100
5517F202 - 5521B400
5517F301 - 5521B200
5517F601 - 5521B700
5517F602 - 5521B700
5517F701 - 5521B600
5517F701 - 5521B800
5517F702 - 5521B600
5517F801 - 5521B700
5517F802 - 5521B700
5517F802 - 5521B800

Catalog numbers used in the analysis of the Triathlon/Triathlon TS femoral component.

5515F402	5510F202	5516F302
5515F401	5515F202	5516F401
5510F402	5515F201	5517F102
5515F502	5515F801	5517F701
5510F401	5515F802	5516F501
5515F501	5510F801	5516F502
5515F302	5510F802	5516F301
5515F301	5510F101	5516F402
5510F302	5510F102	5516F202
5510F502	5515F102	5516F702
5510F301	5517F402	5517F601
5510F501	5515F101	5517F802
5515F602	5517F401	5514F401
5515F601	5517F302	5516F101
5510F601	5517F201	5516F701
5510F602	5517F301	5516F801
5515F702	5517F202	5517F702
5515F701	5517F502	5517F801
5510F702	5517F602	
5510F701	5517F101	
5510F201	5517F501	

Catalog numbers used in the analysis of the Triathlon/Triathlon TS tibia component.

5521B400	5521B600	5521B800
5521B300	5521B200	5521B100
5521B500	5521B700	

Catalog numbers used in the analysis of the Vanguard/Maxim combination.

183008 - 141233	183004 - 141232	183128 - 141233
183028 - 141233	183024 - 141232	183030 - 141233
183006 - 141233	183032 - 141235	183012 - 141234
183026 - 141233	183028 - 141234	183033 - 141235
183026 - 141232	183008 - 141234	183108 - 141233
183006 - 141232	183012 - 141235	183126 - 141233
183010 - 141234	183010 - 141233	183032 - 141234
183030 - 141234	183106 - 141233	183008 - 141232

183013 - 141235
183028 - 141232
183008 - 141223
183128 - 141234
183028 - 141223
183030 - 141235
183130 - 141234
183108 - 141234
183104 - 141232
183126 - 141232
183013 - 141236
183010 - 141235
183124 - 141232
183004 - 141233
183106 - 141232
183132 - 141235
183110 - 141234
183112 - 141235
183014 - 141236
183033 - 141236
183110 - 141235
183006 - 141222
183130 - 141233
183010 - 141224
183024 - 141233
183034 - 141236
183012 - 141236
183130 - 141235
183110 - 141233
183026 - 141222
183006 - 141223
183030 - 141224
183104 - 141233
183032 - 141225
183026 - 141223
183012 - 141225
183022 - 141232
183032 - 141236
183113 - 141235
183014 - 141235
183030 - 141223
183133 - 141236
183006 - 141234
183024 - 141231
183004 - 141231
183002 - 141232

183124 - 141233
183133 - 141235
183013 - 141234
183010 - 141223
183034 - 141235
183108 - 141232
183132 - 141234
183026 - 141234
183112 - 141234
183113 - 141236
183114 - 141236
183128 - 141232
183004 - 141222
183012 - 141233
183132 - 141236
183102 - 141232
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183032 - 141233
183013 - 141225
183032 - 141224
183048 - 141233
183106 - 141234
183034 - 141226
183033 - 141225
183024 - 141222
183033 - 141234
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183068 - 141233
183002 - 141231
183028 - 141222
183122 - 141231
183022 - 141231
183122 - 141232
183134 - 141236
183008 - 141222
183052 - 141235
183013 - 141226
183033 - 141226
183050 - 141233
183034 - 141237
183108 - 141235
183126 - 141234
183008 - 141235
183070 - 141233
183028 - 141224

183030 - 141232
183112 - 141233
183006 - 141231
183008 - 141224
183014 - 141237
183046 - 141233
183050 - 141234
183114 - 141235
183010 - 141225
183044 - 141232
183066 - 141233
183010 - 141232
183072 - 141235
183026 - 141231
183072 - 141234
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183128 - 141235
183070 - 141234
183028 - 141235
183066 - 141232
183073 - 141235
183124 - 141231
183046 - 141232
183052 - 141234
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183134 - 141235
183128 - 141223
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183064 - 141232
183068 - 141232
183114 - 141237
183126 - 141222
183030 - 141225
183030 - 141236
183113 - 141234
183048 - 141234
183106 - 141222
183014 - 141225
183048 - 141232
183034 - 141225
183068 - 141234
183020 - 141231
183050 - 141235
183010 - 141236
183120 - 141231

183126 - 141223	183070 - 141275	183046 - 141272
183133 - 141234	183074 - 141236	183048 - 141235
183134 - 141237	183110 - 141223	183064 - 141231
183124 - 141222	183110 - 141225	183068 - 141274
183014 - 141234	183112 - 141226	183072 - 141233
183104 - 141231	183133 - 141225	183113 - 141233
183110 - 141224	183033 - 141237	183126 - 141231
183013 - 141237	183034 - 141234	183128 - 141222
183070 - 141235	183102 - 141233	183133 - 141233
183104 - 141222	183106 - 141231	183134 - 141225
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183132 - 141225	183230 - 141234	183208 - 141233
183004 - 141221	183014 - 141227	183002 - 141222
183032 - 141226	183020 - 141232	183020 - 141230
183073 - 141236	183036 - 141227	183044 - 141231
183106 - 141223	183036 - 141237	183046 - 141273
183108 - 141224	183052 - 141236	183070 - 141274
183130 - 141224	183068 - 141273	183106 - 141224
183036 - 141236	183112 - 141224	183108 - 141236
183052 - 141233	183113 - 141225	183116 - 141237
183054 - 141235	183113 - 141237	183124 - 141234
183112 - 141225	183130 - 141225	183134 - 141226
183130 - 141232	183210 - 141234	183230 - 141233
183130 - 141236	183228 - 141233	183233 - 141235
183132 - 141224	183012 - 141226	183002 - 141221
183016 - 141236	183024 - 141221	183006 - 141224
183073 - 141234	183024 - 141234	183008 - 141236
183130 - 141223	183032 - 141237	183012 - 141237
183132 - 141233	183050 - 141232	183016 - 141227
183133 - 141237	183050 - 141274	183016 - 141238
183048 - 141273	183064 - 141233	183024 - 141223
183053 - 141234	183072 - 141236	183026 - 141224
183074 - 141235	183108 - 141222	183042 - 141232
183133 - 141226	183112 - 141237	183044 - 141273
183013 - 141224	183113 - 141226	183050 - 141275
183032 - 141223	183013 - 141233	183052 - 141275
183033 - 141224	183022 - 141233	183062 - 141232
183128 - 141224	183044 - 141233	183066 - 141272
183002 - 141233	183054 - 141236	183068 - 141272
183114 - 141226	183066 - 141273	183104 - 141223
183116 - 141236	183136 - 141236	183120 - 141232
183004 - 141223	183206 - 141232	183133 - 141224
183012 - 141223	183210 - 141233	183136 - 141235
183016 - 141237	183016 - 141226	183206 - 141233
183034 - 141227	183016 - 141235	183004 - 141234
183053 - 141236	183036 - 141226	183006 - 141221

183006 - 141235	183014 - 141228	183113 - 141227
183008 - 141231	183022 - 141222	183114 - 141238
183022 - 141221	183026 - 141221	183122 - 141221
183026 - 141235	183028 - 141225	183128 - 141225
183030 - 141222	183028 - 141236	183130 - 141237
183036 - 141228	183033 - 141227	183133 - 141227
183064 - 141272	183033 - 141233	183206 - 141231
183066 - 141234	183044 - 141272	183210 - 141224
183070 - 141232	183046 - 141234	183224 - 141231
183072 - 141275	183050 - 141236	183228 - 141234
183073 - 141276	183052 - 141232	183230 - 141232
183102 - 141221	183052 - 141274	183233 - 141236
183104 - 141221	183053 - 141275	183004 - 141235
183114 - 141234	183053 - 141276	183010 - 141226
183122 - 141222	183070 - 141236	183014 - 141224
183122 - 141233	183070 - 141273	183016 - 141228
183132 - 141223	183112 - 141223	183016 - 141234
183132 - 141226	183114 - 141227	183024 - 141230
183214 - 141236	183116 - 141226	183030 - 141226
183226 - 141232	183120 - 141230	183034 - 141228
183228 - 141232	183124 - 141221	183036 - 141225
183232 - 141234	183124 - 141223	183036 - 141233
183232 - 141235	183126 - 141224	183046 - 141222
183233 - 141234	183208 - 141234	183046 - 141231
183022 - 141230	183213 - 141234	183048 - 141223
183028 - 141231	183213 - 141235	183048 - 141231
183036 - 141235	183226 - 141233	183050 - 141276
183042 - 141231	183230 - 141235	183053 - 141233
183048 - 141274	183234 - 141236	183053 - 141274
183050 - 141273	183002 - 141230	183054 - 141275
183052 - 141276	183010 - 141222	183056 - 141236
183062 - 141231	183013 - 141227	183056 - 141237
183062 - 141272	183020 - 141221	183066 - 141222
183068 - 141235	183032 - 141232	183066 - 141235
183072 - 141274	183048 - 141272	183066 - 141274
183076 - 141236	183048 - 141275	183068 - 141223
183104 - 141234	183054 - 141234	183068 - 141231
183106 - 141235	183054 - 141237	183070 - 141223
183113 - 141224	183054 - 141276	183072 - 141273
183132 - 141237	183064 - 141273	183106 - 141225
183136 - 141237	183066 - 141231	183108 - 141231
183212 - 141234	183072 - 141276	183110 - 141226
183213 - 141236	183073 - 141233	183112 - 141232
183224 - 141232	183074 - 141275	183114 - 141225
183008 - 141225	183074 - 141276	183116 - 141227
183012 - 141232	183102 - 141222	183116 - 141235

183116 - 141238	183044 - 141271	183102 - 141230
183120 - 141221	183046 - 141270	183106 - 141221
183126 - 141235	183046 - 141274	183108 - 141226
183128 - 141231	183048 - 141224	183108 - 141273
183128 - 141236	183048 - 141262	183110 - 141237
183130 - 141222	183048 - 141271	183112 - 141222
183132 - 141222	183050 - 141237	183113 - 141223
183134 - 141234	183052 - 141237	183114 - 141224
183204 - 141233	183052 - 141265	183120 - 141223
183208 - 141223	183052 - 141273	183122 - 141230
183210 - 141223	183053 - 141232	183122 - 141236
183210 - 141232	183053 - 141264	183124 - 141230
183214 - 141225	183054 - 141225	183126 - 141221
183226 - 141231	183054 - 141226	183128 - 141272
183232 - 141224	183054 - 141227	183130 - 141226
183233 - 141225	183054 - 141266	183134 - 141223
183234 - 141225	183056 - 141234	183134 - 141227
183234 - 141235	183056 - 141235	183134 - 141238
183002 - 141220	183056 - 141238	183136 - 141226
183004 - 141220	183060 - 141230	183202 - 141231
183004 - 141230	183060 - 141231	183204 - 141223
183006 - 141273	183062 - 141222	183204 - 141232
183008 - 141221	183062 - 141233	183208 - 141224
183008 - 141272	183064 - 141222	183208 - 141231
183008 - 141273	183064 - 141234	183210 - 141222
183008 - 141274	183064 - 141271	183210 - 141235
183010 - 141231	183066 - 141221	183212 - 141232
183010 - 141237	183066 - 141223	183212 - 141236
183012 - 141276	183066 - 141275	183213 - 141224
183014 - 141233	183068 - 141236	183213 - 141225
183014 - 141238	183068 - 141275	183214 - 141226
183014 - 141266	183070 - 141222	183214 - 141237
183016 - 141225	183070 - 141263	183216 - 141227
183022 - 141220	183070 - 141265	183216 - 141236
183022 - 141234	183070 - 141276	183216 - 141237
183024 - 141235	183072 - 141225	183224 - 141221
183030 - 141231	183073 - 141237	183226 - 141222
183033 - 141232	183073 - 141263	183228 - 141223
183034 - 141233	183073 - 141265	183228 - 141224
183034 - 141238	183073 - 141274	183228 - 141231
183036 - 141238	183073 - 141275	183232 - 141233
183042 - 141230	183074 - 141233	183233 - 141223
183042 - 141233	183074 - 141234	183234 - 141237
183042 - 141272	183074 - 141237	183236 - 141228
183044 - 141222	183076 - 141237	183236 - 141236
183044 - 141223	183102 - 141223	184508 - 141262

184526 - 141221	CP113619 - 141263	CP113637 - 141272
184534 - 141276	CP113620 - 141231	CP113638 - 141232
CP0001009 - 141272	CP113620 - 141273	CP113638 - 141272
CP113614 - 141221	CP113626 - 141236	CP113640 - 141233
CP113614 - 141232	CP113631 - 141221	
CP113617 - 141233	CP113633 - 141230	

Catalog numbers used in the analysis of the Vanguard/Maxim femoral component.

183008	183050	183042
183028	183068	183213
183006	183070	183232
183026	183052	183226
183010	183134	183214
183030	183102	183224
183032	183122	183234
183012	183072	183056
183004	183066	183076
183024	183046	183204
183128	183073	183216
183013	183053	183060
183108	183044	183236
183033	183016	CP113614
183106	183036	CP113620
183110	183064	CP113638
183126	183020	183202
183130	183054	184508
183014	183074	184526
183112	183120	184534
183132	183116	CP0001009
183034	183210	CP113617
183104	183230	CP113619
183124	183208	CP113626
183133	183228	CP113631
183113	183136	CP113633
183114	183206	CP113637
183002	183212	CP113640
183022	183233	
183048	183062	

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
141231	141272	141264
141222	141230	141270
141224	141276	
141225	141238	
141226	141228	

Catalog numbers used in the analysis of the Vanguard/Maxim Mono-Lock combination.

CP113614 - 141212	CP113613 - 141212	CP113643 - 141214
CP113617 - 141212	CP113618 - 141214	183004 - 141212
CP113618 - 141213	CP113620 - 141214	183126 - 141212
CP113616 - 141212	CP113636 - 141212	183128 - 141214
CP113617 - 141213	183026 - 141213	CP113610 - 141211
CP113616 - 141213	CP113612 - 141212	CP113614 - 141211
CP113619 - 141213	CP113622 - 141214	CP113616 - 141214
CP113615 - 141212	183048 - 141213	CP113621 - 141215
CP113618 - 141212	183050 - 141213	CP113622 - 141213
CP113619 - 141212	183066 - 141212	CP113632 - 141212
CP113634 - 141212	183068 - 141212	CP113638 - 141214
CP113635 - 141212	183128 - 141213	CP113639 - 141212
CP113620 - 141213	CP113614 - 141213	CP113641 - 141214
CP113621 - 141213	CP113615 - 141213	183012 - 141215
CP113621 - 141214	CP113635 - 141213	183064 - 141211
CP113639 - 141213	CP113641 - 141213	183073 - 141215
183048 - 141212	183052 - 141214	183104 - 141213
183126 - 141213	183068 - 141213	183110 - 141214
CP113634 - 141213	183072 - 141214	CP113617 - 141211
183106 - 141213	CP113613 - 141211	CP113617 - 141214
CP113619 - 141214	CP113623 - 141214	CP113621 - 141212
CP113636 - 141213	183032 - 141215	CP113631 - 141211
CP113615 - 141211	183052 - 141213	CP113632 - 141211
CP113638 - 141213	183064 - 141212	CP113634 - 141211
183124 - 141212	CP113612 - 141211	CP113637 - 141212
183130 - 141214	CP113620 - 141212	CP113638 - 141212
CP113637 - 141213	CP113620 - 141215	183008 - 141213
183006 - 141213	CP113633 - 141212	183012 - 141216
183046 - 141212	CP113639 - 141214	183013 - 141216
183070 - 141213	CP113640 - 141213	183014 - 141217

183024 - 141212	183130 - 141215	183106 - 141211
183024 - 141213	CP113622 - 141215	183106 - 141214
183028 - 141213	CP113624 - 141215	183108 - 141212
183030 - 141214	CP113625 - 141215	183110 - 141216
183034 - 141216	CP113627 - 141215	183112 - 141215
183044 - 141211	CP113630 - 141211	183113 - 141216
183052 - 141215	CP113631 - 141212	183120 - 141211
183066 - 141211	CP113633 - 141211	183122 - 141211
183066 - 141213	CP113636 - 141214	183122 - 141213
183070 - 141214	CP113641 - 141212	183126 - 141214
183072 - 141215	183004 - 141213	183132 - 141215
183074 - 141215	183006 - 141212	183133 - 141216
183104 - 141212	183008 - 141212	183134 - 141216
183106 - 141212	183008 - 141214	CP113611 - 141211
183108 - 141213	183008 - 141215	CP113615 - 141210
183124 - 141213	183010 - 141212	CP113615 - 141214
183133 - 141215	183014 - 141215	CP113616 - 141215
CP113616 - 141211	183022 - 141212	CP113618 - 141215
CP113623 - 141213	183026 - 141212	CP113619 - 141211
CP113623 - 141215	183026 - 141214	CP113619 - 141215
CP113635 - 141211	183028 - 141214	CP113622 - 141212
CP113640 - 141214	183028 - 141216	CP113623 - 141212
CP113642 - 141215	183032 - 141214	CP113624 - 141213
183010 - 141213	183032 - 141216	CP113624 - 141214
183010 - 141214	183033 - 141216	CP113626 - 141216
183010 - 141215	183042 - 141211	CP113630 - 141212
183028 - 141215	183044 - 141212	CP113635 - 141214
183030 - 141215	183053 - 141214	CP113640 - 141212
183046 - 141211	183053 - 141215	CP113640 - 141215
183050 - 141212	183053 - 141216	CP113642 - 141212
183050 - 141214	183056 - 141215	CP113642 - 141213
183054 - 141215	183056 - 141216	CP113643 - 141215
183068 - 141214	183062 - 141211	CP113644 - 141213
183073 - 141214	183062 - 141212	CP113644 - 141214
183074 - 141216	183068 - 141211	CP113644 - 141215
183102 - 141212	183070 - 141212	CP113645 - 141214
183108 - 141214	183072 - 141213	CP113647 - 141214
183110 - 141213	183072 - 141216	CP113647 - 141216
183114 - 141217	183073 - 141216	
183122 - 141212	183104 - 141214	

Catalog numbers used in the analysis of the Vanguard/Maxim Mono-Lock femoral component.

CP113617	183046	183133
CP113616	183050	CP113624
CP113618	183072	183013
CP113619	183006	183034
CP113614	183026	183053
CP113615	CP113640	CP113630
CP113621	183064	CP113644
CP113620	CP113632	183054
CP113634	183032	183056
CP113635	183104	183062
CP113639	CP113633	183102
CP113636	183010	183114
183048	183012	CP113625
CP113638	183028	CP113627
183126	183073	CP113647
183068	183110	183022
183106	CP113643	183033
CP113613	183004	183042
CP113622	183008	183112
183052	183024	183113
CP113612	183108	183120
CP113637	CP113631	183132
CP113641	183030	183134
183066	183074	CP113611
183070	CP113610	CP113626
183124	CP113642	CP113645
CP113623	183014	
183128	183044	
183130	183122	

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	195218 - 195253	195919 - 195271
195203 - 195248	195908 - 195272	195214 - 195250
195203 - 195250	195920 - 195272	195214 - 195755
195206 - 195758	195203 - 195755	195908 - 195273

195909 - 195273	195214 - 195754	195922 - 195755
195911 - 195276	195214 - 195756	195923 - 195758
195921 - 195273	195215 - 195756	195924 - 195757
195214 - 195249	195216 - 195758	195925 - 195759
195215 - 195250	195907 - 195269	195202 - 195752
195215 - 195251	195910 - 195274	195203 - 195247
195908 - 195271	195911 - 195275	195203 - 195753
195919 - 195269	195911 - 195758	195203 - 195754
195204 - 195250	195919 - 195270	195203 - 195756
195217 - 195252	195921 - 195271	195203 - 195757
195217 - 195253	195921 - 195272	195204 - 195247
195910 - 195275	195921 - 195754	195204 - 195758
195922 - 195275	195921 - 195755	195205 - 195251
195924 - 195276	195922 - 195272	195205 - 195253
195204 - 195248	195922 - 195754	195205 - 195753
195204 - 195249	195202 - 195755	195205 - 195755
195204 - 195251	195202 - 195756	195205 - 195756
195204 - 195755	195203 - 195246	195205 - 195759
195205 - 195757	195203 - 195251	195207 - 195251
195214 - 195248	195204 - 195252	195207 - 195758
195907 - 195271	195204 - 195754	195208 - 195757
195909 - 195272	195204 - 195757	195208 - 195758
195909 - 195275	195205 - 195758	195214 - 195245
195910 - 195755	195206 - 195759	195214 - 195246
195911 - 195757	195207 - 195757	195214 - 195247
195912 - 195276	195207 - 195759	195214 - 195251
195912 - 195277	195208 - 195253	195214 - 195753
195923 - 195275	195208 - 195759	195214 - 195757
195923 - 195276	195213 - 195756	195215 - 195246
195923 - 195757	195215 - 195248	195215 - 195247
195202 - 195754	195215 - 195252	195215 - 195249
195205 - 195252	195216 - 195249	195215 - 195753
195206 - 195252	195216 - 195251	195215 - 195755
195216 - 195757	195217 - 195758	195215 - 195758
195219 - 195759	195907 - 195751	195216 - 195247
195907 - 195270	195908 - 195274	195216 - 195250
195910 - 195276	195909 - 195271	195216 - 195252
195912 - 195758	195912 - 195756	195216 - 195756
195920 - 195269	195912 - 195757	195216 - 195759
195920 - 195271	195912 - 195759	195217 - 195759
195204 - 195756	195913 - 195759	195218 - 195252
195205 - 195250	195919 - 195272	195218 - 195757
195206 - 195251	195920 - 195273	195218 - 195758
195206 - 195253	195920 - 195755	195218 - 195759
195207 - 195252	195921 - 195274	195219 - 195252
195207 - 195253	195922 - 195273	195907 - 195272

195907 - 195273	195911 - 195274	195920 - 195752
195907 - 195752	195911 - 195277	195921 - 195757
195907 - 195754	195911 - 195753	195922 - 195274
195908 - 195275	195911 - 195756	195922 - 195756
195908 - 195753	195911 - 195759	195922 - 195758
195908 - 195754	195913 - 195276	195923 - 195277
195909 - 195276	195913 - 195757	195923 - 195754
195909 - 195752	195913 - 195758	195923 - 195755
195909 - 195754	195914 - 195758	195924 - 195275
195909 - 195755	195919 - 195273	195924 - 195277
195909 - 195756	195919 - 195752	195924 - 195277
195910 - 195277	195919 - 195755	195925 - 195277
195910 - 195756	195920 - 195274	195925 - 195758
195910 - 195757	195920 - 195275	

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	195253	195270
195250	195252	195753
195758	195248	195247
195272	195251	195752
195757	195756	195246
195271	195759	195751
195273	195754	195245
195276	195269	
195249	195274	
195275	195277	

CATALOG NUMBERS OF IMPLANTS IN MARCQI DATABASE FOR UKA CASES

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

161469 - 154723	161469 - 154718	161467 - 154721
161469 - 154722	161470 - 154776	161468 - 154325
161469 - 154725	161469 - 154719	161469 - 159531
161469 - 154724	161470 - 154722	161468 - 154355
161468 - 154718	161470 - 154775	161469 - 154325
161468 - 154721	161470 - 154723	161469 - 154330
161468 - 154720	161467 - 159531	161469 - 154331
161469 - 154720	161467 - 159532	161469 - 154370
161468 - 154719	161469 - 154776	161470 - 154720
161469 - 154721	161468 - 154725	161471 - 154726
161470 - 154724	161467 - 154719	161467 - 154720
161470 - 154726	161469 - 154775	161469 - 154360
161470 - 154727	161469 - 159532	161470 - 154719
161470 - 154725	161470 - 154721	166940 - 159532
161468 - 154722	161471 - 154775	166941 - 154721
161469 - 154726	161471 - 154776	166942 - 154722
161468 - 159531	161468 - 154724	166943 - 154723
161468 - 159532	161471 - 154725	166943 - 154724
161468 - 154723	161471 - 154727	166944 - 154727
161469 - 154727	161467 - 154718	

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.

154723	154719	154325
154722	154726	154330
154721	154727	154331
154720	159531	154355
154724	159532	154370
154725	154776	154360
154718	154775	

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

42558000301 - 42538000501	42558000402 - 42538000802	42558000701 - 42538000701
42558000401 - 42538000501	42558000402 - 42538000402	42558000101 - 42538000401
42558000401 - 42538000601	42558000602 - 42538000802	42558000102 - 42538000602
42558000301 - 42538000401	42558000201 - 42538000601	42558000101 - 42538000601
42558000301 - 42538000601	42558000502 - 42538000502	42558000301 - 42538000901
42558000402 - 42538000502	42558000202 - 42538000502	42558000302 - 42538000902
42558000302 - 42538000502	42558000401 - 42538000401	42558000102 - 42538000402
42558000402 - 42538000602	42558000601 - 42538000601	42558000201 - 42538000801
42558000501 - 42538000601	42558000702 - 42538000802	42558000102 - 42538000302
42558000501 - 42538000701	42558000102 - 42538000502	42558000601 - 42538000501
42558000502 - 42538000602	42558000402 - 42538000902	42558000702 - 42538000702
42558000401 - 42538000701	42558000501 - 42538000901	42558000101 - 42538000301
42558000202 - 42538000602	42558000601 - 42538000901	42558000401 - 42538000301
42558000302 - 42538000402	42558000301 - 42538000801	42558000502 - 42538000302
42558000501 - 42538000801	42558000302 - 42538000702	42558000602 - 42538000502
42558000402 - 42538000702	42558000202 - 42538000702	42558000701 - 42538000601
42558000302 - 42538000602	42558000201 - 42538000401	42558000501 - 42538000401
42558000601 - 42538000701	42558000602 - 42538000602	42558000202 - 42538000802
42558000401 - 42538000801	42558000101 - 42538000501	42558000402 - 42538000302
42558000502 - 42538000702	42558000201 - 42538000301	42558000502 - 42538000402
42558000502 - 42538000802	42558000301 - 42538000301	42558000702 - 42538000602
42558000601 - 42538000801	42558000401 - 42538000901	42558000102 - 42538000702
42558000201 - 42538000501	42558000701 - 42538000901	42558000101 - 42538000701
42558000202 - 42538000402	42558000201 - 42538000701	42558000201 - 42538000901
42558000602 - 42538000702	42558000302 - 42538000302	42558000601 - 42538000301
42558000302 - 42538000802	42558000202 - 42538000302	42558000602 - 42538000601
42558000501 - 42538000501	42558000701 - 42538000801	42558000701 - 42538000501
42558000301 - 42538000701	42558000702 - 42538000902	
42558000502 - 42538000902	42558000602 - 42538000902	

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

42558000301	42558000502	42558000102
42558000401	42558000202	42558000701
42558000402	42558000601	42558000702
42558000302	42558000201	42558000101
42558000501	42558000602	

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

42538000601	42538000702	42538000902
42538000501	42538000801	42538000901
42538000602	42538000802	42538000301
42538000701	42538000401	42538000302
42538000502	42538000402	

Catalog numbers used in the analysis of the Restoris MCK/Restoris MCK combination.

180513 - 180613	180516 - 180615	180504 - 180607
180503 - 180604	180504 - 180606	180505 - 180603
180503 - 180603	180505 - 180604	180506 - 180604
180504 - 180605	180507 - 180608	180507 - 180605
180505 - 180606	180501 - 180602	180512 - 180614
180515 - 180616	180506 - 180605	180514 - 180617
180514 - 180614	180515 - 180617	180516 - 180607
180514 - 180615	180505 - 180607	180518 - 180617
180504 - 180604	180517 - 180618	180518 - 180618
180513 - 180614	180514 - 180616	180501 - 180604
180515 - 180615	180503 - 180605	180503 - 180614
180505 - 180605	180506 - 180608	180504 - 180602
180502 - 180603	180511 - 180611	180505 - 180602
180512 - 180613	180511 - 180612	180505 - 180615
180506 - 180607	180501 - 180601	180506 - 180616
180502 - 180602	180512 - 180611	180506 - 180616
180512 - 180612	180516 - 180618	180506 - 1807272
180506 - 180606	180502 - 180601	180511 - 180613
180516 - 180617	180513 - 180615	180512 - 180602
180516 - 180616	180507 - 180606	180513 - 180611
180514 - 180613	180517 - 180616	180513 - 180616
180503 - 180602	180515 - 180613	180514 - 180604
180515 - 180614	180516 - 180614	180514 - 180618
180513 - 180612	180501 - 180603	180515 - 180618
180504 - 180603	180514 - 180612	180516 - 180606
180517 - 180617	180515 - 180606	
180507 - 180607	180502 - 180604	

Catalog numbers used in the analysis of the Restoris MCK/Restoris MCK femoral component.

180503	180515	180516
180513	180505	180512
180504	180506	180507
180514	180502	180517

180501
180511

180518

Catalog numbers used in the analysis of the Restoris MCK/Restoris MCK tibia component.

180604	180606	180608
180614	180616	180618
180605	180602	180611
180613	180607	180601
180615	180612	1807272
180603	180617	

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

00584201401 - 00584200301	00584201201 - 00584200301	00584201302 - 00584204208
00584201402 - 00584200302	00584201601 - 00584200401	00584201201 - 00584200101
00584201501 - 00584200401	00584201602 - 00584200402	00584201302 - 00584200502
00584201402 - 00584200402	00584201402 - 00584205208	00584201501 - 00584208108
00584201502 - 00584200402	00584201501 - 00584207108	00584201601 - 00584207108
00584201502 - 00584200502	00584201202 - 00584200302	00584201701 - 00584200501
00584201401 - 00584200401	00584201401 - 00584205108	00584201201 - 00584200401
00584201501 - 00584200501	00584201401 - 00584206108	00584201202 - 00584200402
00584201302 - 00584200202	00584201401 - 00584200601	00584201301 - 00584204108
00584201302 - 00584200302	00584201402 - 00584200602	00584201402 - 00584204208
00584201301 - 00584200301	00584201502 - 00584207208	00584201602 - 00584208208
00584201301 - 00584200201	00584201301 - 00584205108	00584201102 - 00584200202
00584201602 - 00584200502	00584201501 - 00584206108	00584201401 - 00584200101
00584201601 - 00584200501	00584201402 - 00584206208	00584201401 - 00584207108
00584201501 - 00584200301	00584201301 - 00584200101	00584201402 - 00584207208
00584201401 - 00584200201	00584201301 - 00584200501	00584201601 - 00584200301
00584201402 - 00584200202	00584201402 - 00584200102	00584201102 - 00584200302
00584201502 - 00584200302	00584201502 - 00584200202	00584201302 - 00584206208
00584201601 - 00584200601	00584201502 - 00584206208	00584201502 - 00584200401
00584201402 - 00584200502	00584201602 - 00584200302	00584201502 - 00584205208
00584201302 - 00584200402	00584201701 - 00584200601	00584201601 - 00584208108
00584201401 - 00584200501	00584201302 - 00584200102	00584201702 - 00584200502
00584201602 - 00584200602	00584201302 - 00584205208	00584201201 - 00584204108
00584201501 - 00584200601	00584201602 - 00584207208	00584201202 - 00584205208
00584201502 - 00584200602	00584201501 - 00584200201	00584201302 - 00584200301
00584201202 - 00584200202	00584201702 - 00584200602	00584201501 - 00584200101
00584201301 - 00584200401	00584201202 - 00584200102	00584201501 - 00584200602
00584201201 - 00584200201	00584201301 - 00584206108	00584201502 - 00584200102

00584201502 - 00584208208	00584201302 - 00584205210	00584201502 - 00584206210
00584201701 - 00584200401	00584201302 - 00584206210	00584201502 - 00584207212
00584201101 - 00584200101	00584201401 - 00584204108	00584201502 - 584206210
00584201101 - 00584200301	00584201401 - 00584206110	00584201602 - 00584206208
00584201102 - 00584200102	00584201401 - 00584208108	00584201702 - 00584200302
00584201201 - 00584200501	00584201402 - 00584200401	00584201702 - 00584200402
00584201202 - 00584204208	00584201402 - 584205210	00584201702 - 00584207208
00584201301 - 00584200601	00584201501 - 00584200502	00584201702 - 00584208208
00584201301 - 00584205110	00584201501 - 00584205108	
00584201301 - 00584206112	00584201501 - 00584206208	

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	00584206108	00584206210
00584200402	00584205108	00584205110
00584200302	00584207108	00584205210
00584200401	00584200102	00584206110
00584200502	00584207208	00584206112
00584200501	00584206208	00584207212
00584200202	00584200101	584205210
00584200201	00584204208	584206210
00584200601	00584208108	
00584200602	00584204108	
00584205208	00584208208	