

Summary of Arthroplasty Registry Reports of Revision Risk for Knees (SAR⁴-Knees)

Prepared by MARCQI on 9 May 2017



Introduction

This document summarizes implant revision risk from national and regional registry reports. The purpose of this document is to provide revision risk data for surgeons and patients to use when selecting knee replacement implants. It is not intended to be an endorsement of any specific manufacturer or implant. The registry reports included in this survey are:

1. Australian Orthopaedics Association National Joint Replacement Registry.
2. National Joint Registry of England, Wales, Northern Ireland, and the Isle of Man (NJR).
3. Register of the Orthopaedic Implants (Italy).
4. Finnish Arthroplasty Register (accessed online 03/10/2017).
5. Danish Knee Arthroplasty Registry.

The TKA tables are grouped into cemented, uncemented, hybrid, and unreported fixation categories. *Each table is sorted by increasing revision risk at the longest time point (5 or 10 years depending on the table).* Ten years was chosen as a benchmark to report because that is what is used by the National Institute for Health Care and Excellence in the United Kingdom. Multiple reports of the same devices and reports of device variations are grouped together. Implant combinations that have been moved up in tables are indicated using *italic* implant names. Registry reports do not provide information on constraint in a consistent fashion, and not all include it explicitly as a separate field. Therefore, this report uses "Uncon." if the registry uses the term unconstrained, and "Unspecified" if it is simply not specified. Finally, only reports of revision risk based on 500 or more implants are included because of concerns about reliability of risk estimates.

The number of cases and the cumulative percent revision (CPR) are provided for each implant combination. In each cell presenting CPR data, the upper number is the point estimate. For example, the 10-year cell in the first row of Table 1 indicates that 2.38% of the 172,131 cases having this implant combination were revised according to the NJR registry. This is the *point estimate* of the CPR at 10 years. The numbers in parentheses give the 95% confidence interval. Thus, (2.27%, 2.50%) means the lower and upper limits on the confidence interval are 2.27% and 2.50%, respectively. Some registry reports present the Kaplan-Meier survivorship function expressed as a percentage, $S(t)$. For these reports we converted $S(t)$ to CPR by computing $100 - S(t)$. For explanations of CPR and confidence intervals, see the statistics tutorials in the December and Summer 2014 issues of *MARCQI News*.

This report only contains data up to 10 years. However, some registry reports provide data beyond this. The Australian report gives CPR data to 15 years and the Finnish report provides 15, 20, and 25 year data. The data are available in Excel spreadsheet form on the MARCQI website (www.MARCQI.org). It is located in the password protected section under /Participants/Committees/Device.

Table 1 (page 1 of 4). TKA *cemented* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Uncon.	172131	1.25 (1.19,1.31)	1.72 (1.65,1.79)	2.38 (2.27,2.50)
Genesis 2	Genesis 2	NJR	Uncon.	36818	1.22 (1.1,1.36)	1.71 (1.55,1.88)	2.56 (2.27,2.88)
Nexgen	Nexgen	NJR	Uncon.	51545	1.1 (1.0,1.21)	1.59 (1.46,1.74)	2.6 (2.33,2.91)
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Unspec.	8496	1.35 (1.09,1.67)	1.74 (1.4,2.17)	2.67 (1.52,4.66)
Nexgen CR Flex	Nexgen	Australia	CR	16286	1.5 (1.3,1.7)	2.0 (1.8,2.3)	2.7 (2.2,3.2)
Nexgen CR	Nexgen	Australia	CR	3735	1.4 (1.0,1.8)	1.8 (1.4,2.3)	2.8 (2.3,3.4)
PFC Sigma CR	MBT	Australia	CR	1125	1.5 (0.9,2.4)	1.8 (1.2,2.8)	2.8 (1.8,4.3)
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Unspec.	2038	1.58 (1.11,2.25)	2.33 (1.73,3.15)	2.89 (2.17,3.84)
PCF Sigma Bicondylar Knee	PFC Sigma Bicondylar Knee (fixed)	NJR	PS	69776	1.48 (1.38,1.58)	2.05 (1.93,2.17)	2.94 (2.74,3.14)
NexGen	NexGen	Finland	Unspec.	4223	1.4 (1.1,1.8)	2.0 (1.5,2.4)	3.1 (2.5,3.6)
Triathlon	Triathlon	NJR	Uncon.	49352	1.52 (1.39,1.66)	2.03 (1.86,2.21)	3.11 (2.6,3.71)
TC Plus	TC Plus (mobile)	NJR	Uncon.	4714	1.49 (1.17,1.89)	2.06 (1.67,2.52)	3.12 (2.54,3.83)
Genesis 2	Genesis 2	NJR	PS	12267	1.85 (1.59,2.15)	2.42 (2.09,2.79)	3.31 (2.65,4.12)
MRK	MRK	NJR	Uncon.	8962	1.27 (1.03,1.56)	1.69 (1.4,2.05)	3.33 (2.56,4.32)
PFC Sigma CR	PFC Sigma	Australia	CR	11461	1.9 (1.6,2.2)	2.4 (2.1,2.7)	3.4 (3.0,3.9)
AGC	AGC	NJR	Uncon.	59787	1.42 (1.32,1.52)	2.0 (1.88,2.12)	3.44 (3.22,3.68)
<i>AGC</i>	<i>AGC</i>	Australia	Unspec.	3493	2.4 (2.0,3.0)	3.5 (2.9,4.2)	5.4 (4.6,6.3)
TC Plus	TC Plus (fixed)	NJR	Uncon.	7889	1.9 (1.62,2.23)	2.55 (2.22,2.93)	3.5 (2.96,4.12)
Scorpio	Scorpio (mobile)	NJR	PS	1368	1.49 (0.96,2.3)	2.2 (1.53,3.15)	3.56 (2.55,4.95)
Natural Knee II	Natural Knee II	Australia	Unspec.	1754	1.3 (0.9,2.0)	1.9 (1.4,2.7)	3.6 (2.6,4.9)
<i>Natural Knee II</i>	<i>Natural Knee II</i>	NJR	Uncon.	2683	1.41 (1.02,1.95)	2.24 (1.71,2.93)	4.16 (3.24,5.33)
PCF Sigma Bicondylar Knee	PFC Sigma Bicondylar Knee (mobile)	NJR	Uncon.	7571	1.87 (1.58,2.22)	2.64 (2.28,3.07)	3.61 (3.08,4.22)
NexGen LPS	NexGen LPS	Finland	Unspec.	2204	1.9 (1.3,2.5)	2.5 (1.8,3.1)	3.7 (2.8,4.6)
Triathlon CR	Triathlon	Australia	CR	25632	2.1 (1.9,2.3)	2.6 (2.4,2.8)	3.8 (3.2,4.5)
Genesis II CR	Genesis II CR	Finland	CR	651	2.2 (1.1,3.3)	2.6 (1.3,3.9)	3.8 (1.7,5.9)
Scorpio	Scorpio (fixed)	NJR	Uncon.	10701	1.86 (1.62,2.14)	2.61 (2.32,2.94)	3.84 (3.43,4.29)
BalanSys	BalanSys	Australia	Unspec.	1417	1.5 (0.8,2.5)	1.9 (1.1,3.2)	3.9 (2.2,7.1)

Table 1 (page 2 of 4). TKA *cemented* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Scorpio	Scorpio (fixed)	NJR	PS	6087	1.58 (1.29,1.93)	2.36 (2.0,2.78)	3.93 (3.39,4.57)
Maxim	Maxim	NJR	Uncon.	1322	1.48 (0.94,2.3)	2.17 (1.49,3.15)	3.98 (2.88,5.5)
NexGen CR Flex	NexGen CR Flex	Finland	CR	18244	2.2 (2.0,2.5)	2.9 (2.6,3.2)	4.1 (3.6,4.7)
Rotaglide	Rotaglide	NJR	Uncon.	1304	2.05 (1.37,3.08)	3.24 (2.3,4.54)	4.11 (2.9,5.8)
Advance MP	Advance MP	NJR	Uncon.	7114	2.0 (1.68,2.38)	2.72 (2.32,3.19)	4.16 (3.42,5.05)
Arge	Arge	Finland	Unspec.	3509	1.8 (1.4,2.3)	2.6 (2.0,3.1)	4.2 (3.5,5.0)
Genesis II CR	Genesis II	Australia	CR	13019	2.4 (2.2,2.7)	3.1 (2.8,3.5)	4.3 (3.9,4.7)
Nexgen	Nexgen	NJR	PS	56035	1.56 (1.45,1.68)	2.5 (2.34,2.66)	4.32 (4.03,4.63)
PCF Sigma Bicondylar Knee	PFC Sigma Bicondylar Knee (mobile)	NJR	PS	6719	2.11 (1.78,2.51)	2.83 (2.43,3.3)	4.32 (3.55,5.26)
Kinemax Plus	Kinemax Plus	Australia	Unspec.	1826	2.4 (1.8,3.3)	3.1 (2.4,4.0)	4.5 (3.6,5.6)
PFC Sigma PS	PFC Sigma	Australia	PS	7167	2.6 (2.2,3.0)	3.2 (2.7,3.6)	4.5 (3.9,5.3)
PFC Sigma	PFC Sigma	Finland	Unspec.	24865	2.4 (2.2,2.6)	3.0 (2.8,3.3)	4.5 (4.2,4.8)
NexGen LPS Flex	NexGen LPS Flex	Finland	Unspec.	5513	2.6 (2.1,3.0)	3.3 (2.8,3.8)	4.5 (3.8,5.2)
Columbus	Columbus	NJR	Uncon.	8256	1.75 (1.44,2.12)	2.4 (2.0,2.89)	4.54 (2.32,8.79)
PFC Sigma PS	MBT	Australia	PS	5828	2.6 (2.2,3.1)	3.5 (3.0,4.1)	4.6 (3.9,5.3)
Profix	Profix	Australia	Unspec.	3825	2.6 (2.1,3.2)	3.2 (2.6,3.9)	4.6 (3.9,5.4)
LCS Complete	LCS Complete	NJR	Uncon.	10205	1.62 (1.37,1.9)	2.7 (2.37,3.08)	4.64 (3.87,5.55)
Kinemax	Kinemax	NJR	Uncon.	10670	1.79 (1.55,2.06)	2.71 (2.41,3.04)	4.72 (4.29,5.2)
Insall-Burstein 2	Insall-Burstein 2	NJR	PS	2393	1.47 (1.05,2.05)	2.75 (2.15,3.51)	4.76 (3.89,5.83)
Duracon	Duracon	Australia	Unspec.	8968	2.4 (2.1,2.8)	3.3 (2.9,3.7)	4.8 (4.3,5.3)
<i>Duracon</i>	<i>Duracon</i>	Finland	Unspec.	27189	2.9 (2.7,3.1)	3.7 (3.5,4.0)	5.8 (5.5,6.1)
Nexgen LPS	Nexgen	Australia	Unspec.	5618	2.3 (1.9,2.7)	2.9 (2.5,3.4)	4.8 (4.2,5.5)
Active Knee	Active Knee	Australia	Unspec.	1430	2.4 (1.6,3.4)	3.6 (2.6,5.0)	4.9 (3.3,7.2)
Genesis II PS	Genesis II	Australia	PS	14812	2.8 (2.6,3.1)	3.7 (3.4,4.1)	5.0 (4.5,5.5)
LCS CR	MBT	Australia	CR	9848	2.4 (2.0,2.7)	3.3 (2.9,3.7)	5.0 (4.4,5.6)
Nexgen LPS Flex	Nexgen	Australia	Unspec.	27014	2.3 (2.1,2.5)	3.2 (3.0,3.4)	5.0 (4.7,5.5)
Scorpio CR	Series 7000	Australia	CR	1780	2.2 (1.6,3.1)	2.9 (2.2,3.8)	5.0 (4.0,6.2)

Table 1 (page 3 of 4). TKA *cemented* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Scorpio	Scorpio (mobile)	NJR	Uncon.	1171	2.54 (1.77,3.64)	3.63 (2.69,4.9)	5.04 (3.84,6.6)
PFC Sigma stabilized	PFC Sigma stabilized	Finland	Unspec.	3331	3.3 (2.7,3.9)	4.3 (3.6,5.0)	5.1 (4.3,6.0)
Genesis 2 Oxinium	Genesis 2 Oxinium	NJR	Uncon.	4583	1.97 (1.57,2.47)	3.05 (2.51,3.7)	5.38 (4.29,6.75)
Triathlon CR	Triathlon CR	Finland	CR	37823	3.2 (3.0,3.4)	3.9 (3.7,4.2)	5.5 (5.0,6.0)
RBK	RBK	Australia	Unspec.	2157	2.6 (1.9,3.4)	3.4 (2.6,4.3)	5.7 (4.4,7.5)
Vanguard	Vanguard	Finland	Unspec.	9619	3.0 (2.7,3.4)	3.7 (3.3,4.1)	5.7 (4.8,6.5)
Rotaglide +	Rotaglide +	NJR	Uncon.	1710	2.83 (2.13,3.74)	3.65 (2.85,4.68)	5.77 (4.61,7.21)
Triathlon PS	Triathlon PS	Finland	PS	2980	4.4 (3.6,5.2)	5.5 (4.6,6.4)	6.1 (5.1,7.1)
Genesis II Oxinium CR	Genesis II	Australia	CR	6923	2.8 (2.4,3.2)	3.7 (3.2,4.2)	6.2 (5.5,7.0)
Genesis 2 Oxinium	Genesis 2 Oxinium	NJR	PS	2350	3.01 (2.32,3.9)	4.4 (3.47,5.59)	6.29 (4.89,8.08)
Advance PS	Advance PS	NJR	PS	1020	2.65 (1.76,3.96)	3.52 (2.45,5.05)	6.33 (4.09,9.74)
Scorpio PS	Scorpio	Australia	PS	510	3.8 (2.4,5.9)	4.4 (2.9,6.6)	6.4 (4.5,9.1)
AGC V2	AGC V2	Finland	Unspec.	16518	3.1 (2.8,3.4)	4.1 (3.8,4.4)	6.6 (6.2,7.0)
Nexgen	Nexgen	NJR	PS	1010	2.9 (1.98,4.24)	3.73 (2.65,5.25)	6.73 (5.01,9.01)
Scorpio PS	Series 7000	Australia	PS	3205	2.9 (2.3,3.5)	4.0 (3.3,4.8)	6.8 (5.8,8.1)
Scorpio PS	Scorpio+	Australia	PS	900	4.0 (2.9,5.5)	5.6 (4.3,7.4)	6.9 (5.3,9.0)
Maxim	Maxim	Finland	Unspec.	2618	3.5 (2.8,4.3)	4.5 (3.7,5.3)	6.9 (5.8,7.9)
Advance	Advance II	Australia	Unspec.	918	4.1 (3.0,5.6)	4.8 (3.6,6.4)	7.2 (5.4,9.6)
LCS CR	LCS	Australia	CR	3936	3.8 (3.2,4.4)	5.0 (4.4,5.8)	7.2 (6.4,8.1)
NexGen LCCK	NexGen LCCK	Finland	Unspec.	734	3.8 (2.2,5.4)	4.1 (2.4,5.8)	7.2 (1.7,12.3)
Genesis II Oxinium PS	Genesis II	Australia	PS	14338	3.8 (3.5,4.2)	5.2 (4.8,5.7)	7.7 (7.0,8.4)
AGC V2/Maxin	AGC V2/Maxim	Finland	Unspec.	769	4.1 (2.7,5.5)	5.1 (3.5,6.6)	7.7 (5.7,9.6)
Vanguard PS	Vanguard PS	Finland	PS	731	3.5 (2.2,4.9)	4.0 (2.6,5.5)	7.8 (4.0,11.3)
Profix Oxinium	Profix	Australia	Unspec.	999	5.0 (3.8,6.5)	6.6 (5.2,8.3)	8.0 (6.4,10.0)
Optetrak	Optetrak	NJR	PS	1608	2.69 (1.99,3.62)	4.61 (3.65,5.82)	8.82 (5.81,13.29)
TC IV	TC IV	Finland	Unspec.	649	4.2 (2.6,5.7)	5.5 (3.7,7.3)	9.5 (7.0,12.0)
Optetrak-PS	Optetrak	Australia	PS	2398	4.7 (3.9,5.7)	6.6 (5.6,7.8)	9.6 (8.1,11.4)

Table 1 (page 4 of 4). TKA *cemented* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Miller-Galante II	Miller-Galante II	Finland	Unspec.	1557	2.9 (2.1,3.8)	4.7 (3.6,5.8)	9.7 (8.0,11.2)
Performance	Performance	Finland	Unspec.	879	2.9 (1.8,4.0)	4.9 (3.5,6.4)	10.6 (8.3,12.8)
Anametric	Anametric	Finland	Unspec.	591	3.8 (2.3,5.4)	6.0 (4.0,7.9)	11.8 (8.8,14.7)
Link Endo-Model	Link Endo-Model	Finland	Unspec.	558	5.9 (3.9,7.9)	7.7 (5.3,10.0)	12.4 (9.1,15.6)

Table 2 (page 1 of 1). TKA *cemented* fixation implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years
Nexgen CR Flex	Natural Knee II	Australia	CR	786	0.6 (0.2,1.6)	0.6 (0.2,1.6)
Evolis	Evolis	Australia	Unspec.	730	1.1 (0.5,2.3)	1.6 (0.8,3.1)
Vanguard CR	Vanguard	Australia	CR	967	1.4 (0.8,2.5)	1.7 (0.9,3.2)
Vanguard	Vanguard	NJR	Uncon.	34809	1.4 (1.25,1.56)	2.03 (1.82,2.27)
Score	Score	Australia	Unspec.	515	1.7 (0.8,3.5)	2.1 (1.0,4.3)
Legion PS	Genesis II	Australia	PS	3208	1.9 (1.4,2.6)	2.2 (1.6,3.0)
Scorpio NRG CR	Series 7000	Australia	CR	1387	1.4 (0.9,2.3)	2.2 (1.4,3.4)
Scorpio NRG PS	Series 7000	Australia	PS	2555	1.7 (1.2,2.3)	2.3 (1.8,3.1)
NRG	NRG	NJR	Uncon.	7429	1.53 (1.26,1.87)	2.4 (2.02,2.85)
NRG	NRG	NJR	PS	4645	1.71 (1.36,2.14)	2.42 (1.98,2.96)
Triathlon	Triathlon	NJR	PS	12491	1.64 (1.41,1.92)	2.52 (2.18,2.92)
Legion Oxinium CR	Genesis II	Australia	CR	2180	2.3 (1.7,3.1)	2.7 (2.0,3.8)
Vanguard CR	Maxim	Australia	CR	6778	2.2 (1.8,2.7)	2.8 (2.4,3.4)
Vanguard	Vanguard	NJR	PS	5740	1.9 (1.49,2.42)	2.91 (2.28,3.72)
Natural Knee Flex	Natural Knee II	Australia	Unspec.	1129	2.5 (1.6,3.8)	3.0 (2.0,4.7)
Advance MP Stature	Advance MP Stature	NJR	Uncon.	1200	1.67 (1.0,2.76)	3.39 (2.2,5.2)
Legion CR	Genesis II	Australia	CR	975	2.6 (1.6,4.0)	3.6 (2.3,5.7)
NexGen CR Flex TM	NexGen CR Flex TM	Finland	CR	1721	3.1 (2.2,3.9)	3.8 (2.8,4.8)
Legion Oxinium PS	Genesis II	Australia	PS	7996	3.2 (2.8,3.8)	3.9 (3.3,4.7)
Triathlon PS	Triathlon	Australia	PS	5886	3.2 (2.7,3.7)	4.0 (3.4,4.6)
GMK Primary	GMK Primary	Australia	Unspec.	549	2.4 (1.2,4.7)	4.2 (1.7,10.2)
Triathlon TS	Triathlon TS	Finland	Unspec.	813	3.5 (2.2,4.8)	4.2 (2.5,5.8)
Nexgen LCCK	Nexgen	Australia	Unspec.	604	3.5 (2.2,5.5)	5.0 (3.2,7.6)
Optetrak-PS	Optetrak-RBK	Australia	PS	720	3.9 (2.7,5.9)	5.3 (3.7,7.5)
Vanguard PS	Maxim	Australia	PS	3500	4.6 (3.9,5.4)	5.7 (4.9,6.7)
Journey Oxinium	Journey	Australia	Unspec.	3032	4.5 (3.8,5.3)	6.4 (5.5,7.4)

Table 3 (page 1 of 1). TKA *uncemented* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Nexgen CR	Nexgen	Australia	CR	3369	1.7 (1.3,2.2)	2.1 (1.7,2.7)	3.0 (2.5,3.7)
Nexgen CR Flex	Nexgen TM CR	Australia	CR	8165	1.9 (1.6,2.2)	2.4 (2.0,2.8)	3.3 (2.6,4.2)
PFC Sigma CR	AMK Duofix	Australia	CR	1911	1.6 (1.1,2.2)	2.3 (1.7,3.2)	3.3 (2.4,4.4)
Nexgen CR Flex	Nexgen	Australia	CR	6205	2.2 (1.8,2.6)	2.7 (2.2,3.2)	3.7 (3.0,4.5)
Genesis II CR	Profix Mobile	Australia	CR	505	2.0 (1.1,3.7)	3.0 (1.8,4.9)	4.2 (2.7,6.4)
Maxim	Maxim	Australia	Unspec.	612	3.0 (1.9,4.7)	3.3 (2.2,5.1)	4.8 (3.3,6.9)
Advantim	Advantim	Australia	Unspec.	1255	2.8 (2.0,3.9)	3.5 (2.6,4.7)	5.1 (3.8,6.9)
Duracon	Duracon	Australia	Unspec.	3539	2.7 (2.2,3.3)	3.7 (3.1,4.4)	5.2 (4.4,6.0)
LCS CR	MBT Duofix	Australia	CR	12107	3.3 (3.0,3.7)	4.2 (3.8,4.6)	5.5 (5.0,6.0)
RBK	RBK	Australia	Unspec.	6027	3.2 (2.8,3.7)	4.2 (3.6,4.8)	5.5 (4.8,6.4)
LCS CR	MBT	Australia	CR	7036	3.4 (3.0,3.9)	4.3 (3.8,4.9)	5.6 (4.9,6.4)
PFC Sigma CR	MBT Duofix	Australia	CR	2414	3.4 (2.7,4.3)	4.3 (3.5,5.2)	5.6 (4.5,7.0)
LCS CR	LCS	Australia	CR	2341	3.4 (2.7,4.2)	4.2 (3.5,5.1)	5.8 (4.9,6.9)
Profix	Profix	Australia	Unspec.	1488	3.5 (2.6,4.5)	4.5 (3.6,5.7)	6.3 (5.1,7.8)
Nexgen CR	Nexgen TM CR	Australia	CR	657	4.6 (3.2,6.7)	6.4 (4.7,8.8)	7.1 (5.2,9.7)
Scorpio CR	Series 7000	Australia	CR	3130	3.4 (2.8,4.1)	4.7 (4.0,5.6)	7.2 (6.2,8.3)
Natural Knee II	Natural Knee II	Australia	Unspec.	2890	2.2 (1.8,2.9)	3.5 (2.9,4.2)	7.3 (6.3,8.5)
PFC Sigma CR	MBT	Australia	CR	994	4.9 (3.7,6.4)	6.1 (4.6,8.0)	7.4 (5.6,9.7)
Scorpio PS	Series 7000	Australia	PS	570	5.3 (3.7,7.5)	6.2 (4.5,8.6)	7.7 (5.7,10.3)
Active Knee	Active Knee	Australia	Unspec.	4894	3.8 (3.3,4.4)	5.4 (4.8,6.1)	9.1 (8.1,10.1)
PCA	PCA	Finland	Unspec.	1687	3.0 (2.2,3.8)	5.4 (4.3,6.5)	17.4 (15.3,19.4)
Synatomic Townley	Synatomic Townley	Finland	Unspec.	790	4.6 (3.1,6.1)	7.4 (5.5,9.2)	18.4 (15.3,21.3)
Miller-Galante I	Miller-Galante I	Finland	Unspec.	1307	4.6 (3.5,5.8)	8.5 (7.0,10.1)	25.0 (22.4,27.6)

Table 4 (page 1 of 1). TKA *uncemented* fixation implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years
Scorpio NRG CR	Series 7000	Australia	CR	1968	2.0 (1.4,2.8)	2.5 (1.8,3.5)
Nexgen LPS	Nexgen TM LPS	Australia	Unspec.	1024	1.4 (0.8,2.4)	2.6 (1.7,4.0)
Triathlon CR	Triathlon	Australia	CR	12017	2.1 (1.8,2.4)	2.8 (2.4,3.1)
Natural Knee Flex	Natural Knee II	Australia	Unspec.	1087	2.4 (1.6,3.6)	2.9 (2.0,4.2)
Vanguard CR	Vanguard	Australia	CR	1183	3.1 (2.1,4.4)	3.1 (2.1,4.4)
Nexgen LPS Flex	Nexgen TM LPS	Australia	Unspec.	854	2.3 (1.5,3.7)	3.6 (2.2,5.7)
Triathlon PS	Triathlon	Australia	PS	991	3.8 (2.8,5.3)	4.9 (3.7,6.5)
Advance	Advance	Australia	Unspec.	575	4.7 (3.1,7.1)	5.0 (3.3,7.5)
Vanguard CR	Regenerex	Australia	CR	1192	3.9 (2.8,5.4)	5.3 (3.9,7.3)
Vanguard CR	Maxim	Australia	CR	581	3.8 (2.5,5.8)	5.4 (3.8,7.6)
Score	Score	Australia	Unspec.	1705	4.5 (3.5,5.8)	6.1 (4.8,7.7)
Scorpio NRG PS	Series 7000	Australia	PS	970	5.7 (4.3,7.5)	7.2 (5.6,9.3)
Columbus	Columbus	Australia	Unspec.	500	7.7 (5.6,10.4)	9.8 (7.5,12.9)
LCS Duofix	MBT Duofix	Australia	Unspec.	3649	6.2 (5.5,7.0)	10.1 (9.2,11.1)

Table 5 (page 1 of 2). TKA *hybrid* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Nexgen CR Flex	Nexgen TM CR	Australia	CR	762	1.4 (0.7,2.5)	1.5 (0.8,2.7)	2.0 (1.2,3.3)
Profix	Profix	NJR	Uncon.	2310	1.2 (0.83,1.75)	1.5 (1.07,2.1)	2.17 (1.55,3.05)
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Uncon.	1708	1.22 (0.79,1.89)	1.82 (1.27,2.61)	2.32 (1.62,3.31)
LCS	LCS	NJR	Uncon.	1357	1.87 (1.27,2.76)	2.42 (1.72,3.4)	2.69 (1.94,3.73)
Nexgen CR Flex	Nexgen	Australia	CR	14550	1.8 (1.6,2.1)	2.2 (1.9,2.5)	2.8 (2.4,3.3)
Nexgen CR	Nexgen	Australia	CR	4007	1.5 (1.2,2.0)	2.0 (1.6,2.6)	3.1 (2.5,3.8)
LCS Complete	LCS Complete	NJR	Uncon.	13438	1.77 (1.55,2.03)	2.53 (2.24,2.85)	3.26 (2.88,3.7)
TC Plus	TC Plus	NJR	Uncon.	1930	1.63 (1.12,2.37)	2.34 (1.68,3.23)	3.38 (2.39,4.75)
AGC	AGC	Australia	Unspec.	1642	1.4 (0.9,2.1)	2.1 (1.5,3.0)	3.5 (2.6,4.7)
<i>AGC</i>	<i>AGC</i>	NJR	Uncon.	2097	3.26 (2.58,4.13)	3.96 (3.2,4.91)	5.99 (4.68,7.65)
PFC Sigma CR	PFC Sigma	Australia	CR	10620	1.9 (1.6,2.2)	2.5 (2.1,2.8)	3.5 (3.1,4.1)
Nexgen	Nexgen	NJR	Uncon.	5010	2.29 (1.9,2.76)	2.91 (2.46,3.44)	3.65 (3.08,4.33)
Nexgen	Nexgen	NJR	PS	2048	1.68 (1.17,2.41)	2.32 (1.68,3.21)	3.65 (2.66,5.0)
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Uncon.	1006	1.57 (0.93,2.64)	2.03 (1.26,3.26)	3.67 (2.11,6.36)
LCS CR	MBT	Australia	CR	7787	2.1 (1.8,2.5)	2.9 (2.5,3.3)	4.1 (3.5,4.9)
Natural Knee II	Natural Knee II	Australia	Unspec.	1966	2.2 (1.6,3.0)	2.6 (1.9,3.4)	4.1 (3.2,5.2)
Scorpio CR	Series 7000	Australia	CR	6213	2.0 (1.7,2.4)	2.8 (2.4,3.3)	4.2 (3.6,4.9)
E-Motion Bicondylar Knee	E-Motion Bicondylar Knee	NJR	Uncon.	1887	2.01 (1.44,2.8)	2.79 (2.07,3.77)	4.29 (3.19,5.76)
Scorpio	Scorpio	NJR	Uncon.	4810	1.8 (1.46,2.23)	2.5 (2.08,3.0)	4.37 (3.58,5.33)
Scorpio PS	Scorpio+	Australia	PS	905	2.6 (1.7,3.9)	3.4 (2.4,4.8)	4.6 (3.3,6.3)
Profix	Profix	Australia	Unspec.	769	2.5 (1.6,3.9)	3.9 (2.7,5.6)	4.8 (3.4,6.6)
Genesis II CR	Genesis II	Australia	CR	6746	2.8 (2.4,3.3)	3.8 (3.3,4.3)	4.9 (4.3,5.6)
RBK	RBK	Australia	Unspec.	1283	2.8 (2.0,3.9)	3.9 (2.8,5.4)	4.9 (3.5,7.0)
Duracon	Duracon	Australia	Unspec.	7963	2.7 (2.4,3.1)	3.5 (3.1,3.9)	5.0 (4.5,5.5)
Nexgen LPS	Nexgen	Australia	Unspec.	970	2.5 (1.6,3.7)	4.0 (2.9,5.5)	5.2 (3.9,7.0)
LCS CR	LCS	Australia	CR	2362	2.7 (2.1,3.5)	3.8 (3.1,4.6)	5.3 (4.4,6.3)
PFC Sigma CR	MBT	Australia	CR	3529	3.3 (2.7,4.0)	4.4 (3.7,5.2)	5.4 (4.6,6.3)

Table 5 (page 2 of 2). TKA *hybrid* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Active Knee	Active Knee	Australia	Unspec.	1965	2.7 (2.0,3.6)	3.6 (2.8,4.7)	5.9 (4.6,7.5)
Maxim	Maxim	Australia	Unspec.	1407	2.7 (1.9,3.7)	3.9 (3.0,5.1)	6.5 (5.2,8.0)
Scorpio CR	Scorpio+	Australia	CR	1893	2.8 (2.2,3.7)	4.2 (3.4,5.3)	7.1 (5.9,8.5)
Scorpio PS	Series 7000	Australia	PS	1071	4.3 (3.2,5.7)	5.7 (4.4,7.3)	7.5 (5.9,9.4)
Optetrak-CR	Optetrak	Australia	CR	548	3.9 (2.5,6.3)	4.9 (3.1,7.5)	7.6 (5.2,11.1)
PFC Sigma PS	MBT Duofix	Australia	PS	1786	5.0 (4.1,6.2)	7.0 (5.8,8.4)	8.3 (6.9,9.8)
Genesis II PS	Genesis II	Australia	PS	695	4.5 (3.2,6.4)	5.5 (4.0,7.5)	8.8 (6.7,11.4)
Profix	Profix Mobile	Australia	Unspec.	592	5.7 (4.1,7.9)	7.4 (5.6,9.9)	9.3 (7.2,12.1)

Table 6 (page 1 of 2). TKA *hybrid* fixation implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years
Nexgen CR Flex	Nexgen TM CR	Australia	CR	762	1.4 (0.7,2.5)	1.5 (0.8,2.7)
Profix	Profix	NJR	Uncon.	2310	1.2 (0.83,1.75)	1.5 (1.07,2.1)
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Uncon.	1708	1.22 (0.79,1.89)	1.82 (1.27,2.61)
Nexgen CR	Nexgen	Australia	CR	4007	1.5 (1.2,2.0)	2.0 (1.6,2.6)
PCF Sigma Bicondylar Knee	PCF Sigma Bicondylar Knee	NJR	Uncon.	1006	1.57 (0.93,2.64)	2.03 (1.26,3.26)
AGC	AGC	Australia	Unspec.	1642	1.4 (0.9,2.1)	2.1 (1.5,3.0)
<i>AGC</i>	<i>AGC</i>	NJR	Uncon.	2097	3.26 (2.58,4.13)	3.96 (3.2,4.91)
Nexgen CR Flex	Nexgen	Australia	CR	14550	1.8 (1.6,2.1)	2.2 (1.9,2.5)
Nexgen	Nexgen	NJR	PS	2048	1.68 (1.17,2.41)	2.32 (1.68,3.21)
TC Plus	TC Plus	NJR	Uncon.	1930	1.63 (1.12,2.37)	2.34 (1.68,3.23)
LCS	LCS	NJR	Uncon.	1357	1.87 (1.27,2.76)	2.42 (1.72,3.4)
PFC Sigma CR	PFC Sigma	Australia	CR	10620	1.9 (1.6,2.2)	2.5 (2.1,2.8)
Scorpio	Scorpio	NJR	Uncon.	4810	1.8 (1.46,2.23)	2.5 (2.08,3.0)
LCS Complete	LCS Complete	NJR	Uncon.	13438	1.77 (1.55,2.03)	2.53 (2.24,2.85)
Natural Knee II	Natural Knee II	Australia	Unspec.	1966	2.2 (1.6,3.0)	2.6 (1.9,3.4)
E-Motion Bicondylar Knee	E-Motion Bicondylar Knee	NJR	Uncon.	1887	2.01 (1.44,2.8)	2.79 (2.07,3.77)
Scorpio CR	Series 7000	Australia	CR	6213	2.0 (1.7,2.4)	2.8 (2.4,3.3)
LCS CR	MBT	Australia	CR	7787	2.1 (1.8,2.5)	2.9 (2.5,3.3)
Nexgen	Nexgen	NJR	Uncon.	5010	2.29 (1.9,2.76)	2.91 (2.46,3.44)
Scorpio PS	Scorpio+	Australia	PS	905	2.6 (1.7,3.9)	3.4 (2.4,4.8)
Duracon	Duracon	Australia	Unspec.	7963	2.7 (2.4,3.1)	3.5 (3.1,3.9)
Active Knee	Active Knee	Australia	Unspec.	1965	2.7 (2.0,3.6)	3.6 (2.8,4.7)
Genesis II CR	Genesis II	Australia	CR	6746	2.8 (2.4,3.3)	3.8 (3.3,4.3)
LCS CR	LCS	Australia	CR	2362	2.7 (2.1,3.5)	3.8 (3.1,4.6)
Profix	Profix	Australia	Unspec.	769	2.5 (1.6,3.9)	3.9 (2.7,5.6)
RBK	RBK	Australia	Unspec.	1283	2.8 (2.0,3.9)	3.9 (2.8,5.4)
Maxim	Maxim	Australia	Unspec.	1407	2.7 (1.9,3.7)	3.9 (3.0,5.1)

Table 6 (page 2 of 2). TKA *hybrid* fixation implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years
Nexgen LPS	Nexgen	Australia	Unspec.	970	2.5 (1.6,3.7)	4.0 (2.9,5.5)
Scorpio CR	Scorpio+	Australia	CR	1893	2.8 (2.2,3.7)	4.2 (3.4,5.3)
PFC Sigma CR	MBT	Australia	CR	3529	3.3 (2.7,4.0)	4.4 (3.7,5.2)
Optetrak-CR	Optetrak	Australia	CR	548	3.9 (2.5,6.3)	4.9 (3.1,7.5)
Genesis II PS	Genesis II	Australia	PS	695	4.5 (3.2,6.4)	5.5 (4.0,7.5)
Scorpio PS	Series 7000	Australia	PS	1071	4.3 (3.2,5.7)	5.7 (4.4,7.3)
PFC Sigma PS	MBT Duofix	Australia	PS	1786	5.0 (4.1,6.2)	7.0 (5.8,8.4)
Profix	Profix Mobile	Australia	Unspec.	592	5.7 (4.1,7.9)	7.4 (5.6,9.9)

Table 7 (page 1 of 2). TKA *unreported* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
PFC Sigma Cruciate-Retaining	PFC Sigma All-Poly	Denmark	CR	940		1.4 (0.6,2.2)	1.6 (0.6,2.7)
NexGen CR	NexGen CR Flex	Denmark	CR	720		1.0 (0.3,1.8)	2.3 (0.9,3.6)
Nexgen	Nexgen	Italy	Unspec.	4797		1.8 (1.4,2.2)	2.4 (1.8,3.0)
Profix	Profix	Italy	Unspec.	581		2.7 (1.3,4.0)	3.4 (1.8,4.9)
PFC Sigma Cruciate-Substituting	PFC Sigma PS	Denmark	CR	515		2.9 (1.3,4.5)	3.8 (1.7,5.8)
Advance Medial Pivot	Advance Medial Pivot	Denmark	Unspec.	1691		2.6 (1.8,3.4)	3.9 (2.6,5.2)
<i>Advance Medial Pivot</i>	<i>Advance Medial Pivot</i>	Italy	Unspec.	561		3.7 (2.1,5.4)	4.0 (2.3,5.8)
PFC	PFC	Italy	Unspec.	1724		2.9 (2.0,3.8)	4.0 (2.8,5.3)
Nexgen	Nexgen	Italy	Unspec.	1991		2.6 (1.9,3.4)	4.1 (3.2,5.1)
Genesis II	Genesis II	Italy	Unspec.	924		3.6 (2.2,5.0)	4.4 (2.6,6.3)
PFC Sigma Cruciate-Retaining	PFC Modular	Denmark	CR	8275		3.0 (2.6,3.4)	4.7 (4.1,5.3)
Profix	Profix	Italy	Unspec.	2011		3.2 (2.4,4.0)	4.7 (3.6,5.7)
Nexgen	Nexgen	Italy	Unspec.	1076		2.7 (1.5,3.9)	4.8 (1.7,7.9)
NexGen CR	NexGen CR	Denmark	CR	6348		3.4 (2.9,3.9)	4.8 (4.1,5.5)
Nexgen	Nexgen	Italy	Unspec.	790		3.4 (2.0,4.7)	4.9 (2.9,6.9)
Gemini MK II	Gemini MK II	Italy	Unspec.	1865		2.5 (1.7,3.3)	5.1 (2.9,7.3)
Triathlon	Triathlon	Italy	Unspec.	902		2.1 (0.7,3.4)	5.3 (0.2,10.3)
Vanguard CR	Vanguard CR	Denmark	CR	7307		4.0 (3.5,4.5)	5.3 (4.1,6.5)
PFC Sigma Cruciate-Retaining	PFC Sigma Cruciate-Retaining	Denmark	CR	5109		3.8 (3.2,4.4)	5.3 (4.2,6.5)
Scorpio NRG	Scorpio NRG	Italy	Unspec.	535		3.6 (1.9,5.2)	5.4 (2.9,7.9)
AGC V2 Universal	AGC V2	Denmark	Unspec.	14000		4.1 (3.8,4.5)	6.1 (5.6,6.6)
PFC	PFC	Italy	Unspec.	521		3.7 (1.7,5.6)	6.4 (3.4,9.5)
NexGen LPS	NexGen LPS	Denmark	Unspec.	879		4.8 (3.2,6.3)	7.3 (4.4,10.1)
AGC V2 Anatomic	AGC V2	Denmark	Unspec.	827		5.1 (3.6,6.7)	7.4 (5.4,9.3)
Maxim Primary	Maxim	Denmark	Unspec.	1004		5.7 (4.2,7.2)	7.8 (6.0,9.6)
PFC Sigma Cruciate-Substituting	PFC Modular	Denmark	Unspec.	2489		6.2 (5.2,7.2)	8.0 (6.8,9.2)
PFC Sigma Cruciate-Retaining	PFC Sigma Rotating Platform	Denmark	CR	1988		4.5 (3.3,5.7)	8.1 (3.7,12.4)

Table 7 (page 2 of 2). TKA *unreported* fixation implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years	10 years
Andet	Andet	Denmark	Unspec.	3386		5.7 (4.9,6.6)	8.2 (7.1,9.2)
Rotaglide	Rotaglide	Italy	Unspec.	621		6.8 (4.7,8.8)	8.8 (6.3,11.3)
PFC Sigma Cruciate-Substituting	PFC Sigma Rotating Platform	Denmark	Unspec.	2782		7.3 (6.3,8.4)	9.2 (7.5,10.9)
PFC Cruciate-Substituting	PFC Sigma Rotating Platform	Denmark	Unspec.	745		7.0 (5.1,8.9)	9.2 (6.9,11.6)
T.A.C.K.	T.A.C.K.	Italy	Unspec.	529		6.4 (4.3,8.6)	9.3 (6.7,11.9)
Genius Triccc	Genius Triccc	Italy	Unspec.	589		5.6 (3.6,7.5)	9.4 (6.5,12.3)
PFC Sigma Cruciate-Substituting	PFC Sigma RP Stabilized	Denmark	Unspec.	1150		6.5 (4.8,8.2)	10.0 (6.3,13.6)
PFC Sigma Cruciate-Substituting	PFC Cruciate-Substituting	Denmark	Unspec.	907		13.2 (10.7,15.5)	14.5 (11.6,17.3)

Table 8 (page 1 of 2). TKA *unreported* fixation implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years
NexGen CR	NexGen CR Flex	Denmark	CR	720		1.0 (0.3,1.8)
PFC Sigma Cruciate-Retaining	PFC Sigma All-Poly	Denmark	CR	940		1.4 (0.6,2.2)
Nexgen	Nexgen	Italy	Unspec.	4797		1.8 (1.4,2.2)
Triathlon	Triathlon	Italy	Unspec.	902		2.1 (0.7,3.4)
Gemini MK II	Gemini MK II	Italy	Unspec.	1865		2.5 (1.7,3.3)
Nexgen	Nexgen	Italy	Unspec.	1991		2.6 (1.9,3.4)
Advance Medial Pivot	Advance Medial Pivot	Denmark	Unspec.	1691		2.6 (1.8,3.4)
<i>Advance Medial Pivot</i>	<i>Advance Medial Pivot</i>	Italy	Unspec.	561		3.7 (2.1,5.4)
Profix	Profix	Italy	Unspec.	581		2.7 (1.3,4.0)
Nexgen	Nexgen	Italy	Unspec.	1076		2.7 (1.5,3.9)
PFC Sigma Cruciate-Substituting	PFC Sigma PS	Denmark	CR	515		2.9 (1.3,4.5)
PFC	PFC	Italy	Unspec.	1724		2.9 (2.0,3.8)
PFC Sigma Cruciate-Retaining	PFC Modular	Denmark	CR	8275		3.0 (2.6,3.4)
Profix	Profix	Italy	Unspec.	2011		3.2 (2.4,4.0)
NexGen CR	NexGen CR	Denmark	CR	6348		3.4 (2.9,3.9)
Nexgen	Nexgen	Italy	Unspec.	790		3.4 (2.0,4.7)
Genesis II	Genesis II	Italy	Unspec.	924		3.6 (2.2,5.0)
Scorpio NRG	Scorpio NRG	Italy	Unspec.	535		3.6 (1.9,5.2)
PFC	PFC	Italy	Unspec.	521		3.7 (1.7,5.6)
PFC Sigma Cruciate-Retaining	PFC Sigma Cruciate-Retaining	Denmark	CR	5109		3.8 (3.2,4.4)
Vanguard CR	Vanguard CR	Denmark	CR	7307		4.0 (3.5,4.5)
AGC V2 Universal	AGC V2	Denmark	Unspec.	14000		4.1 (3.8,4.5)
PFC Sigma Cruciate-Retaining	PFC Sigma Rotating Platform	Denmark	CR	1988		4.5 (3.3,5.7)
NexGen LPS	NexGen LPS	Denmark	Unspec.	879		4.8 (3.2,6.3)
AGC V2 Anatomic	AGC V2	Denmark	Unspec.	827		5.1 (3.6,6.7)
Genius Triccc	Genius Triccc	Italy	Unspec.	589		5.6 (3.6,7.5)
Maxim Primary	Maxim	Denmark	Unspec.	1004		5.7 (4.2,7.2)

Table 8 (page 2 of 2). TKA *unreported* fixation implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	Constraint	N	3 years	5 years
Andet	Andet	Denmark	Unspec.	3386		5.7 (4.9,6.6)
PFC Sigma Cruciate-Substituting	PFC Modular	Denmark	Unspec.	2489		6.2 (5.2,7.2)
T.A.C.K.	T.A.C.K.	Italy	Unspec.	529		6.4 (4.3,8.6)
PFC Sigma Cruciate-Substituting	PFC Sigma RP Stabilized	Denmark	Unspec.	1150		6.5 (4.8,8.2)
Rotaglide	Rotaglide	Italy	Unspec.	621		6.8 (4.7,8.8)
PFC Cruciate-Substituting	PFC Sigma Rotating Platform	Denmark	Unspec.	745		7.0 (5.1,8.9)
PFC Sigma Cruciate-Substituting	PFC Sigma Rotating Platform	Denmark	Unspec.	2782		7.3 (6.3,8.4)
PFC Sigma Cruciate-Substituting	PFC Cruciate-Substituting	Denmark	Unspec.	907		13.2 (10.7,15.5)

Table 9 (page 1 of 1). UKA implants with at least one registry reporting 10 year data

Femur	Tibia	Registry	N	3 years	5 years	10 years
Zimmer Unicompartmental	Zimmer Unicompartmental	NJR	8093	2.59 (2.19,3.07)	4.18 (3.58,4.89)	6.17 (5.03,7.57)
Genesis Uni	Genesis Uni	Italy	649		5.9 (4.0,7.8)	9.9 (6.2,13.6)
AMC/Uniglidle	AMC/Uniglidle (fixed)	NJR	1306	3.1 (2.23,4.3)	4.67 (3.52,6.18)	9.45 (6.73,13.19)
MG Uni	MG Uni	NJR	2334	3.93 (3.21,4.81)	5.94 (5.04,6.99)	10.17 (8.82,11.71)
Oxford Unicompartmental Phase 3	Oxford Unicompartmental Phase 3	Italy	851		8.8 (6.8,10.7)	13.3 (10.6,15.9)
Oxford Partial Knee	Oxford Partial Knee	NJR	49093	4.19 (4.0,4.38)	6.31 (6.07,6.57)	12.04 (11.54,12.57)
Preservation	Preservation	NJR	1217	6.82 (5.53,8.4)	10.14 (8.56,12.0)	14.8 (12.72,17.18)
AMC/Uniglidle	AMC/Uniglidle (mobile)	NJR	1397	8.7 (7.31,10.35)	10.47 (8.92,12.28)	14.93 (12.73,17.48)
Oxford Phase II	Oxford Phase II	Finland	753	6.7 (4.7,8.5)	9.4 (6.9,11.7)	17.0 (13.4,20.5)
Oxford Phase III	Oxford Phase III	Finland	3716	7.0 (6.2,7.9)	10.3 (9.3,11.3)	17.7 (16.3,19.0)

Table 10 (page 1 of 1). UKA implants with at least one registry reporting 5 (but not 10) year data

Femur	Tibia	Registry	N	3 years	5 years
Zimmer Uni	Zimmer Uni	Italy	514		4.6 (2.4,6.9)
Sigma HP	Sigma HP	NJR	6179	3.64 (3.1,4.26)	5.19 (4.41,6.11)
Cementless Oxford	Cementless Oxford	Finland	1361	6.7 (5.1,8.4)	8.1 (6.1,10.2)
Oxford Phase III alpha	Oxford Phase III alpha	Denmark	4220		9.9 (8.9,11.0)
Oxford Phase III Uni	Oxford Phase III Uni	Denmark	1990		11.1 (9.7,12.5)

Table 11 (page 1 of 1). PFJ implants with at least one registry reporting 10 year data

Femur	Patella	Registry	N	3 years	5 years	10 years
Avon	Avon	NJR	4843	4.25 (3.67,4.9)	7.55 (6.74,8.45)	14.86 (13.31,16.57)

Table 12 (page 1 of 1). PFJ implants with at least one registry reporting 5 (but not 10) year data

Femur	Patella	Registry	N	3 years	5 years
Zimmer PFJ	Zimmer PFJ	NJR	1449	3.99 (2.9,5.48)	5.09 (3.72,6.95)
Gender solutions	Nexgen	Australia	570	5.6 (3.7,8.5)	6.5 (4.3,9.7)
FPV	FPV	NJR	1537	6.54 (5.34,8.01)	9.78 (8.21,11.62)
Journey PFJ Oxinium	Journey PFJ	NJR	1454	7.24 (5.92,8.83)	12.49 (10.62,14.67)
Sigma HP	Sigma HP	NJR	1023	8.03 (6.32,10.17)	12.65 (10.1,15.79)