

Implant Summary Report for:

DePuy

Attune CR and Attune PS

Comprising PRIMARY knees implanted up to:	09 December 2018
NJR Database extract:	07 February 2019
Produced on:	14 February 2019
Licenced for use until:	14 February 2020

Contents

Recorded Usage in NJR	2
Patient and Procedure Details	3
Revision and Survivorship	4
Patient Reported Outcomes	7
APPENDICES – Component Lists	10

This report has been produced by the National Joint Registry of England, Wales and Northern Ireland (NJR). It summarises usage and outcomes associated with the Attune CR and Attune PS up to the specified dates. This analysis is based on data collected by the NJR and PROMs data collected by NHS Digital for the components listed in the appendices.

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NJR Recorded Usage

Implant Usage

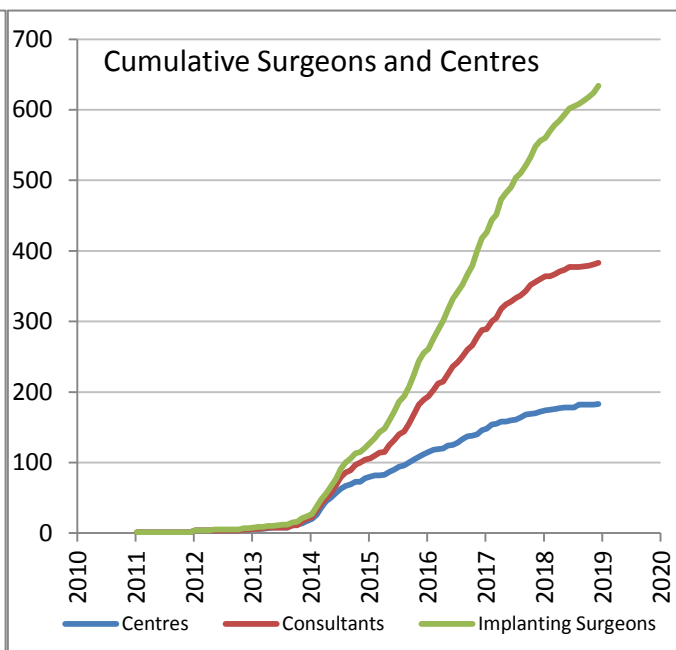
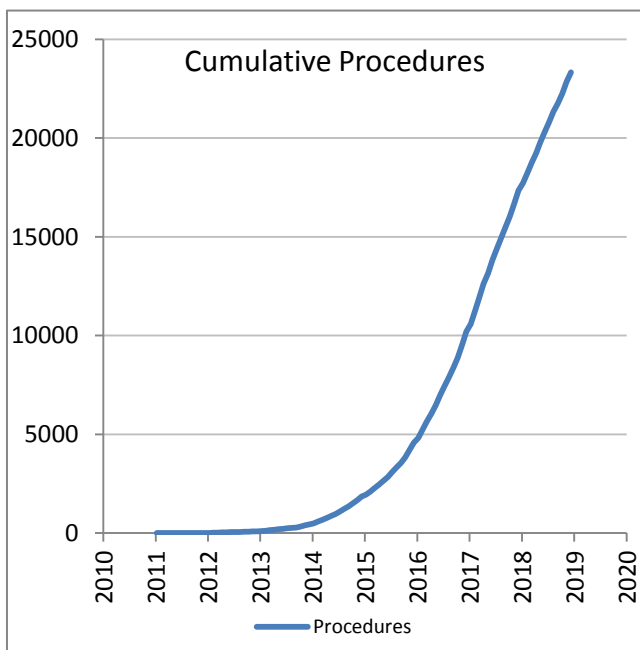
Date of first recorded usage in the NJR: **09 January 2010**

Date of last recorded usage in this dataset **08 December 2018**

Maximum implantation time: 8.9 years

Mean implantation time: 1.9 years

Totals Recorded in NJR	Cumulative Total
Procedures	23,321
Patients	21,059
Centres	183
Consultants	383
Implanting Surgeons	634



Current Outcome	Year of implantation														Total	%
	Pre-2007	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			
Death	0	0	0	0	0	0	11	23	68	73	96	63	9	343	1.5%	
Revised	0	0	0	0	0	0	3	8	35	48	80	35	12	221	0.9%	
Unrevised	0	0	0	0	1	4	82	341	1348	2702	5550	7038	5691	22757	97.6%	
Total	0	0	0	0	1	4	96	372	1451	2823	5726	7136	5712	23321	100%	

Patient / Procedure Details

Patient Details

	Attune CR and Attune PS	All TKR in NJR
Total Procedures	23,321	1,059,536
Total Patients	21,059	863,095
Demographics		
Mean age	69.1	70.1
< 50	2.4%	1.8%
50 – 59	14.5%	11.3%
60 – 69	32.4%	32.3%
70 – 79	36.1%	38.6%
≥ 80	14.7%	16.0%
Median BMI	30	30
% BMI information available	76.9%	62.2%
Underweight (BMI < 18.5)	0.2%	0.2%
Normal (18.5 ≤ BMI < 25)	10.5%	10.1%
Overweight (25 ≤ BMI < 30)	35.0%	34.1%
Obese I (30 ≤ BMI < 35)	31.9%	32.3%
Obese II (35 ≤ BMI < 40)	15.5%	16.3%
Obese III (BMI ≥ 40)	7.0%	6.9%
% Male	43.2%	42.6%
ASA Grades		
P1 - Fit and healthy	9.8%	10.7%
P2 - Mild disease not incapacitating	74.6%	72.4%
P3 - Incapacitating systemic disease	15.4%	16.6%
P4 / P5	0.2%	0.3%
Indications		
Osteoarthritis	97.63%	97.35%
Rheumatoid Arthritis	1.13%	1.59%
Other Inflammatory Arthropathy	0.87%	0.67%
Previous Trauma	0.68%	0.57%
Avascular Necrosis	0.37%	0.34%
Other	0.21%	0.35%

Total of indications may exceed total number of implants, since more than one indication can be listed per case.

Revision and Survivorship

Reasons for Revision

Reasons for revision of primary procedures in which the implant was used.

Reason for Revision	Revised †	Expected Revisions *	p value
Infection	71	69.64	0.856
Progressive Arthritis Remaining	26	13.26	0.001
Aseptic Loosening Femur	5	12.34	0.031
Aseptic Loosening Tibia	34	29.49	0.404
Aseptic Loosening Patella	7	7.26	1
Unexplained Pain	19	35.33	0.004
Stiffness	18	22.08	0.453
Malalignment	8	18.86	0.008
Instability	31	35.77	0.501
Dislocation / Subluxation	3	7.78	0.101
Periprosthetic Fracture	10	6.76	0.24
Wear of Polyethylene Component	3	3.68	1
Lysis - Tibia	3	6.33	0.231
Lysis - Femur	0	3.77	0.038
Component Dissociation	0	1.90	0.272
Implant Fracture	0	0.95	1
Other / Not recorded	15	18.15	0.554
Total Revised	221	228.56	0.642

* Based on All TKR in NJR, adjusted for agegroup, gender, and indications

† multiple reasons may be listed for one revision procedure

Significantly better, $p < 0.001$

Significantly better, $p < 0.05$

Significantly worse $p < 0.05$

Significantly worse $p < 0.001$

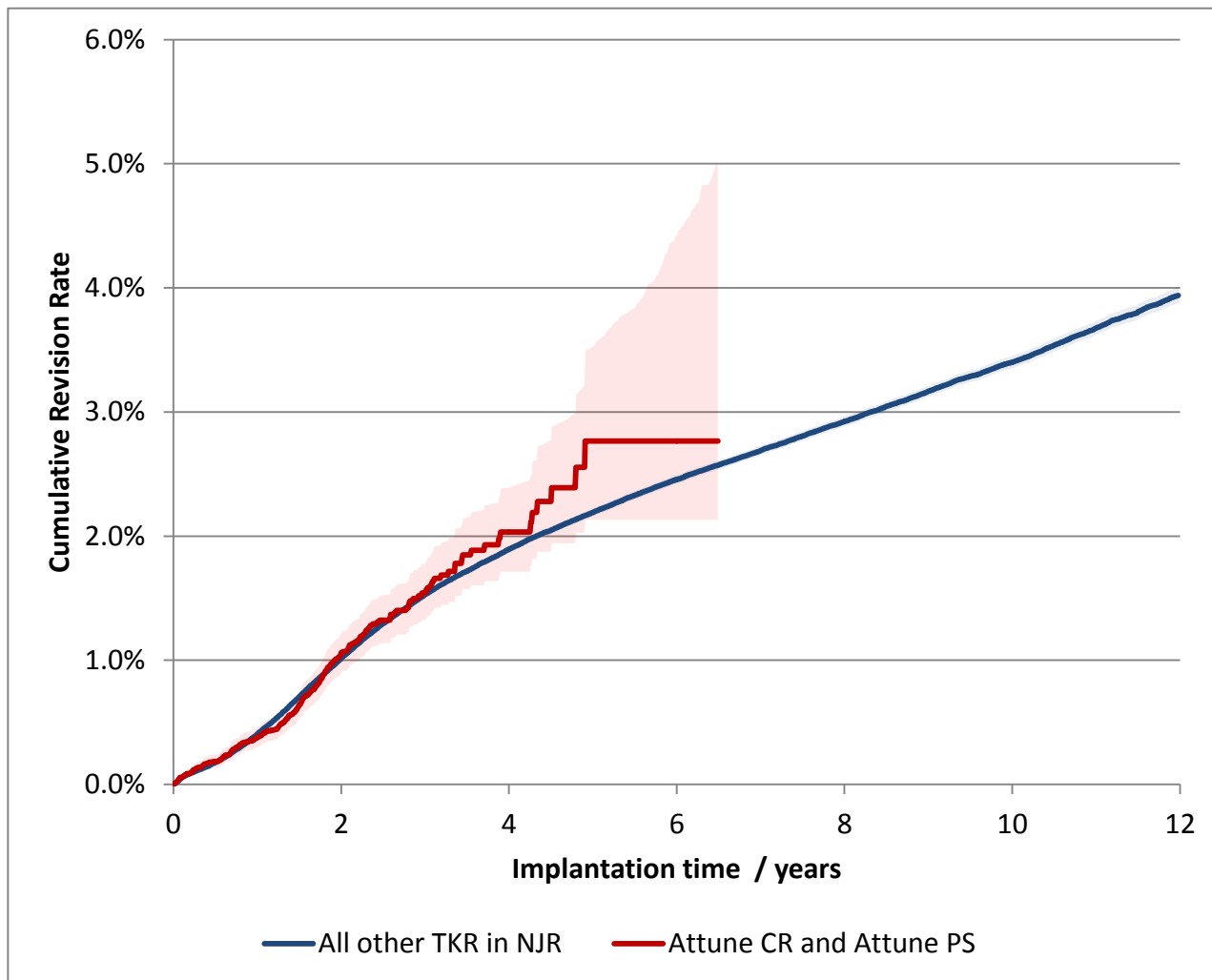


Components Revised	Number of procedures	Attune CR and Attune PS	All other TKR in NJR
Femoral and/or Tibial Revision	109	49.3%	70.1%
Isolated bearing exchange	65	29.4%	12.4%
Patella revision / resurfacing only	45	20.4%	16.2%
No component revision recorded	2	0.9%	1.2%

Revision and Survivorship

Cumulative Revision Rate

Endpoint: All reasons for revision



Cox Proportional Hazards model for revision risk ratio of Attune CR and Attune PS / All other TKR in NJR

Adjustment	Hazard Ratio (95% CI)	p-value
Unadjusted	1.03 (0.90 - 1.18)	0.657
Adjusted for age, gender, year cohort and indications.	1.07 (0.93 - 1.22)	0.359

Revision and Survivorship

Cumulative Revision Rate

Endpoint: All revisions

Period /years	At Risk	Attune CR and Attune PS	All TKR in NJR
0	23321	-	-
1	17166	0.4% (0.3% - 0.5%)	0.4% (0.4% - 0.4%)
2	9934	1.1% (0.9% - 1.2%)	1.0% (1.0% - 1.0%)
3	4408	1.5% (1.3% - 1.8%)	1.5% (1.5% - 1.6%)
4	1739	2.0% (1.7% - 2.4%)	1.9% (1.9% - 1.9%)
5	407	2.8% (2.1% - 3.5%)	2.2% (2.2% - 2.2%)
6	83	2.8% (2.1% - 4.4%)	2.5% (2.4% - 2.5%)
7		(-)	2.7% (2.7% - 2.7%)
8		(-)	2.9% (2.9% - 3.0%)
9		(-)	3.2% (3.1% - 3.2%)
10		(-)	3.4% (3.4% - 3.5%)
11		(-)	3.7% (3.6% - 3.7%)
12		(-)	3.9% (3.9% - 4.0%)
13		(-)	4.2% (4.1% - 4.3%)
14		(-)	4.5% (4.4% - 4.6%)
15		(-)	4.8% (4.7% - 4.9%)

Cumulative revision rate with 95% confidence intervals
Rate is only reported for times where more than 40 remain at risk

Patient Reported Outcomes

PROMs Analysis

Comprising PROMs data up to and including: 31/12/2016

Oxford Knee Score (0 - 48)	Attune CR and Attune PS	All TKR in NJR	All Knees in NJR
Paired Records	3,952	258,757	264,108
PreOp score	19.7 (19.5 - 20.0)	19.1 (19.0 - 19.1)	19.1 (19.0 - 19.1)
6 month score	36.3 (36.0 - 36.6)	35.0 (34.9 - 35.0)	35.0 (34.9 - 35.0)
6 month score (adjusted)	35.7 (35.5 - 36.0)	35.0 (34.9 - 35.0)	35.0 (34.9 - 35.0)
Health gain	16.5 (16.2 - 16.8)	15.9 (15.9 - 16.0)	15.9 (15.9 - 15.9)
Health gain (adjusted)	16.7 (16.4 - 16.9)	15.9 (15.9 - 15.9)	15.9 (15.9 - 15.9)
p value (adjusted health gain)	< 0.001		
Score Improved	93.9%	93.4%	93.4%

EQ-5D Index (-0.59 - 1.00)	Attune CR and Attune PS	All TKR in NJR	All Knees in NJR
Paired Records	3,694	238,591	243,477
PreOp score	0.444 (0.434 - 0.454)	0.416 (0.414 - 0.417)	0.416 (0.414 - 0.417)
6 month score	0.755 (0.747 - 0.763)	0.730 (0.729 - 0.731)	0.729 (0.728 - 0.730)
6 month score (adjusted)	0.742 (0.735 - 0.749)	0.730 (0.729 - 0.731)	0.729 (0.728 - 0.730)
Health gain	0.311 (0.301 - 0.321)	0.314 (0.313 - 0.316)	0.314 (0.313 - 0.315)
Health gain (adjusted)	0.326 (0.319 - 0.333)	0.314 (0.313 - 0.315)	0.314 (0.313 - 0.315)
p value (adjusted health gain)	0.016		
Score Improved	80.7%	80.6%	80.5%

EQ-VAS (0 - 100)	Attune CR and Attune PS	All TKR in NJR	All Knees in NJR
Paired Records	3,518	227,570	232,316
PreOp score	68.6 (67.9 - 69.2)	68.2 (68.1 - 68.3)	68.2 (68.1 - 68.3)
6 month score	75.5 (74.9 - 76.0)	73.5 (73.4 - 73.5)	73.4 (73.4 - 73.5)
6 month score (adjusted)	74.6 (74.0 - 75.1)	73.5 (73.4 - 73.5)	73.4 (73.4 - 73.5)
Health gain	6.9 (6.2 - 7.6)	5.2 (5.2 - 5.3)	5.2 (5.1 - 5.3)
Health gain (adjusted)	6.4 (5.8 - 6.9)	5.3 (5.2 - 5.3)	5.2 (5.2 - 5.3)
p value (adjusted health gain)	< 0.001		
Score Improved	57.5%	54.7%	54.7%

Adjusted scores correspond to the NHS Digital version 3 casemix-adjustment model. This includes patient variables from PROMs, HES, and IMD data.

Responses are not case mix adjusted

Patient Reported Outcomes



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Appendix A1 - Femoral Components

Catalogue Number	Description	Number Implanted
150400102	Attune CR Cemented Femoral Size 2 Left	10
150400103	Attune CR Cemented Femoral Size 3 Left	198
150400104	Attune CR Cemented Femoral Size 4 Left	811
150400105	Attune CR Cemented Femoral Size 5 Left	1313
150400106	Attune CR Cemented Femoral Size 6 Left	1197
150400107	Attune CR Cemented Femoral Size 7 Left	1411
150400108	Attune CR Cemented Femoral Size 8 Left	865
150400109	Attune CR Cemented Femoral Size 9 Left	213
150400110	Attune CR Cemented Femoral Size 10 Left	29
150400123	Attune CR Cemented Femoral Size 3 Narrow Left	25
150400124	Attune CR Cemented Femoral Size 4 Narrow Left	159
150400125	Attune CR Cemented Femoral Size 5 Narrow Left	472
150400126	Attune CR Cemented Femoral Size 6 Narrow Left	487
150400201	Attune CR Cemented Femoral Size 1 Right	3
150400202	Attune CR Cemented Femoral Size 2 Right	19
150400203	Attune CR Cemented Femoral Size 3 Right	238
150400204	Attune CR Cemented Femoral Size 4 Right	843
150400205	Attune CR Cemented Femoral Size 5 Right	1415
150400206	Attune CR Cemented Femoral Size 6 Right	1390
150400207	Attune CR Cemented Femoral Size 7 Right	1509
150400208	Attune CR Cemented Femoral Size 8 Right	1012
150400209	Attune CR Cemented Femoral Size 9 Right	204
150400210	Attune CR Cemented Femoral Size 10 Right	36
150400223	Attune CR Cemented Femoral Size 3 Narrow Right	20
150400224	Attune CR Cemented Femoral Size 4 Narrow Right	182
150400225	Attune CR Cemented Femoral Size 5 Narrow Right	497
150400226	Attune CR Cemented Femoral Size 6 Narrow Right	556
150401105	ATTUNE CR FEM LT SZ 5 POR	3
150401106	ATTUNE CR FEM LT SZ 6 POR	12
150401107	ATTUNE CR FEM LT SZ 7 POR	9
150401108	ATTUNE CR FEM LT SZ 8 POR	5
150401109	ATTUNE CR FEM LT SZ 9 POR	3
150401123	ATTUNE CR FEM LT SZ 3N POR	1
150401124	ATTUNE CR FEM LT SZ 4N POR	2
150401125	ATTUNE CR FEM LT SZ 5N POR	2
150401126	ATTUNE CR FEM LT SZ 6N POR	6
150401204	ATTUNE CR FEM RT SZ 4 POR	1
150401205	ATTUNE CR FEM RT SZ 5 POR	2
150401206	ATTUNE CR FEM RT SZ 6 POR	1
150401207	ATTUNE CR FEM RT SZ 7 POR	11
150401208	ATTUNE CR FEM RT SZ 8 POR	10
150401209	ATTUNE CR FEM RT SZ 9 POR	3
150401224	ATTUNE CR FEM RT SZ 4N POR	2
150401225	ATTUNE CR FEM RT SZ 5N POR	5
150401226	ATTUNE CR FEM RT SZ 6N POR	2
150410101	Attune PS Cemented Femoral Size 1 Left	1

Appendix A1 - Femoral Components

Catalogue Number	Description	Number Implanted
150410102	Attune PS Cemented Femoral Size 2 Left	6
150410103	Attune PS Cemented Femoral Size 3 Left	135
150410104	Attune PS Cemented Femoral Size 4 Left	416
150410105	Attune PS Cemented Femoral Size 5 Left	680
150410106	Attune PS Cemented Femoral Size 6 Left	664
150410107	Attune PS Cemented Femoral Size 7 Left	699
150410108	Attune PS Cemented Femoral Size 8 Left	429
150410109	Attune PS Cemented Femoral Size 9 Left	82
150410110	Attune PS Cemented Femoral Size 10 Left	25
150410123	Attune PS Cemented Femoral Size 3 Narrow Left	16
150410124	Attune PS Cemented Femoral Size 4 Narrow Left	85
150410125	Attune PS Cemented Femoral Size 5 Narrow Left	280
150410126	Attune PS Cemented Femoral Size 6 Narrow Left	275
150410201	Attune PS Cemented Femoral Size 1 Right	2
150410202	Attune PS Cemented Femoral Size 2 Right	5
150410203	Attune PS Cemented Femoral Size 3 Right	158
150410204	Attune PS Cemented Femoral Size 4 Right	472
150410205	Attune PS Cemented Femoral Size 5 Right	731
150410206	Attune PS Cemented Femoral Size 6 Right	728
150410207	Attune PS Cemented Femoral Size 7 Right	843
150410208	Attune PS Cemented Femoral Size 8 Right	490
150410209	Attune PS Cemented Femoral Size 9 Right	120
150410210	Attune PS Cemented Femoral Size 10 Right	25
150410223	Attune PS Cemented Femoral Size 3 Narrow Right	18
150410224	Attune PS Cemented Femoral Size 4 Narrow Right	107
150410225	Attune PS Cemented Femoral Size 5 Narrow Right	296
150410226	Attune PS Cemented Femoral Size 6 Narrow Right	332
150411107	ATTUNE PS FEM LT SZ 7 POR	1
150411109	ATTUNE PS FEM LT SZ 9 POR	1
150411204	ATTUNE PS FEM RT SZ 4 POR	1
150411206	ATTUNE PS FEM RT SZ 6 POR	1
150411207	ATTUNE PS FEM RT SZ 7 POR	2
150411226	ATTUNE PS FEM RT SZ 6N POR	1

Appendix A2 - Tibial Components

Catalogue Number	Description	Number
150600001	Attune FB Cemented Tibial Base Size 1	15
150600002	Attune FB Cemented Tibial Base Size 2	80
150600003	Attune FB Cemented Tibial Base Size 3	1564
150600004	Attune FB Cemented Tibial Base Size 4	4005
150600005	Attune FB Cemented Tibial Base Size 5	4513
150600006	Attune FB Cemented Tibial Base Size 6	3392
150600007	Attune FB Cemented Tibial Base Size 7	3262
150600008	Attune FB Cemented Tibial Base Size 8	2413
150600009	Attune FB Cemented Tibial Base Size 9	532
150600010	Attune FB Cemented Tibial Base Size 10	118
150610001	Attune RP Cemented Tibial Base Size 1	1
150610002	Attune RP Cemented Tibial Base Size 2	1
150610003	Attune RP Cemented Tibial Base Size 3	210
150610004	Attune RP Cemented Tibial Base Size 4	612
150610005	Attune RP Cemented Tibial Base Size 5	724
150610006	Attune RP Cemented Tibial Base Size 6	520
150610007	Attune RP Cemented Tibial Base Size 7	571
150610008	Attune RP Cemented Tibial Base Size 8	415
150610009	Attune RP Cemented Tibial Base Size 9	79
150610010	Attune RP Cemented Tibial Base Size 10	16
150611003	ATTUNE RP TIB BASE SZ 3 POR	6
150611004	ATTUNE RP TIB BASE SZ 4 POR	10
150611005	ATTUNE RP TIB BASE SZ 5 POR	15
150611006	ATTUNE RP TIB BASE SZ 6 POR	16
150611007	ATTUNE RP TIB BASE SZ 7 POR	21
150611008	ATTUNE RP TIB BASE SZ 8 POR	13
150611009	ATTUNE RP TIB BASE SZ 9 POR	6
150640003	Attune Revision FB Cemented Tibial Base Size 3	2
150640005	Attune Revision FB Cemented Tibial Base Size 5	5
150640006	Attune Revision FB Cemented Tibial Base Size 6	1
150640007	Attune Revision FB Cemented Tibial Base Size 7	4
150640008	Attune Revision FB Cemented Tibial Base Size 8	1
150660003	ATTUNE Revision Tibial Base Rotating Platform Size 3 Cemented	1
150670003	ATTUNE FB POCKET BASE SZ3 CEM	11
150670004	ATTUNE FB POCKET BASE SZ4 CEM	20
150670005	ATTUNE FB POCKET BASE SZ5 CEM	26
150670006	ATTUNE FB POCKET BASE SZ6 CEM	13
150670007	ATTUNE FB POCKET BASE SZ7 CEM	21
150670008	ATTUNE FB POCKET BASE SZ8 CEM	20
150670009	ATTUNE FB POCKET BASE SZ9 CEM	3
150670010	ATTUNE FB POCKET BASE SZ10 CEM	2
150680003	ATTUNE RP POCKET BASE SZ3 CEM	2
150680004	ATTUNE RP POCKET BASE SZ4 CEM	10
150680005	ATTUNE RP POCKET BASE SZ5 CEM	5
150680006	ATTUNE RP POCKET BASE SZ6 CEM	3
150680007	ATTUNE RP POCKET BASE SZ7 CEM	5

Appendix A2 - Tibial Components

Catalogue Number	Description	Number
150680008	ATTUNE RP POCKET BASE SZ8 CEM	5
150680009	ATTUNE RP POCKET BASE SZ9 CEM	5
864182	PFC® STANDARD TIBIAL TRAY NON-POROUS SIZE 4	1

Appendix A3 - Bearing Components

Catalogue Number	Description	Number
151620105	Attune CR FB Insert Size 1 5mm	1
151620106	Attune CR FB Insert Size 1 6mm	1
151620107	Attune CR FB Insert Size 1 7mm	1
151620205	Attune CR FB Insert Size 2 5mm	12
151620206	Attune CR FB Insert Size 2 6mm	6
151620207	Attune CR FB Insert Size 2 7mm	3
151620208	Attune CR FB Insert Size 2 8mm	4
151620210	Attune CR FB Insert Size 2 10mm	4
151620212	Attune CR FB Insert Size 2 12mm	3
151620305	Attune CR FB Insert Size 3 5mm	146
151620306	Attune CR FB Insert Size 3 6mm	112
151620307	Attune CR FB Insert Size 3 7mm	70
151620308	Attune CR FB Insert Size 3 8mm	47
151620310	Attune CR FB Insert Size 3 10mm	42
151620312	Attune CR FB Insert Size 3 12mm	15
151620314	Attune CR FB Insert Size 3 14mm	1
151620316	Attune CR FB Insert Size 3 16mm	2
151620405	Attune CR FB Insert Size 4 5mm	623
151620406	Attune CR FB Insert Size 4 6mm	485
151620407	Attune CR FB Insert Size 4 7mm	298
151620408	Attune CR FB Insert Size 4 8mm	216
151620410	Attune CR FB Insert Size 4 10mm	103
151620412	Attune CR FB Insert Size 4 12mm	35
151620414	Attune CR FB Insert Size 4 14mm	8
151620416	Attune CR FB Insert Size 4 16mm	5
151620505	Attune CR FB Insert Size 5 5mm	1183
151620506	Attune CR FB Insert Size 5 6mm	860
151620507	Attune CR FB Insert Size 5 7mm	522
151620508	Attune CR FB Insert Size 5 8mm	381
151620510	Attune CR FB Insert Size 5 10mm	173
151620512	Attune CR FB Insert Size 5 12mm	42
151620514	Attune CR FB Insert Size 5 14mm	8
151620516	Attune CR FB Insert Size 5 16mm	6
151620605	Attune CR FB Insert Size 6 5mm	1135
151620606	Attune CR FB Insert Size 6 6mm	822
151620607	Attune CR FB Insert Size 6 7mm	481
151620608	Attune CR FB Insert Size 6 8mm	354
151620610	Attune CR FB Insert Size 6 10mm	198
151620612	Attune CR FB Insert Size 6 12mm	52
151620614	Attune CR FB Insert Size 6 14mm	13
151620616	Attune CR FB Insert Size 6 16mm	1
151620705	Attune CR FB Insert Size 7 5mm	981
151620706	Attune CR FB Insert Size 7 6mm	651
151620707	Attune CR FB Insert Size 7 7mm	390
151620708	Attune CR FB Insert Size 7 8mm	252
151620710	Attune CR FB Insert Size 7 10mm	158

Appendix A3 - Bearing Components

Catalogue Number	Description	Number
151620712	Attune CR FB Insert Size 7 12mm	33
151620714	Attune CR FB Insert Size 7 14mm	2
151620716	Attune CR FB Insert Size 7 16mm	4
151620805	Attune CR FB Insert Size 8 5mm	605
151620806	Attune CR FB Insert Size 8 6mm	446
151620807	Attune CR FB Insert Size 8 7mm	263
151620808	Attune CR FB Insert Size 8 8mm	159
151620810	Attune CR FB Insert Size 8 10mm	85
151620812	Attune CR FB Insert Size 8 12mm	27
151620814	Attune CR FB Insert Size 8 14mm	4
151620816	Attune CR FB Insert Size 8 16mm	4
151620905	Attune CR FB Insert Size 9 5mm	135
151620906	Attune CR FB Insert Size 9 6mm	85
151620907	Attune CR FB Insert Size 9 7mm	61
151620908	Attune CR FB Insert Size 9 8mm	43
151620910	Attune CR FB Insert Size 9 10mm	18
151620912	Attune CR FB Insert Size 9 12mm	6
151621005	Attune CR FB Insert Size 10 5mm	31
151621006	Attune CR FB Insert Size 10 6mm	16
151621007	Attune CR FB Insert Size 10 7mm	6
151621008	Attune CR FB Insert Size 10 8mm	7
151621010	Attune CR FB Insert Size 10 10mm	1
151621012	Attune CR FB Insert Size 10 12mm	3
151630105	Attune CR RP Insert Size 1 5mm	1
151630305	Attune CR RP Insert Size 3 5mm	22
151630306	Attune CR RP Insert Size 3 6mm	11
151630307	Attune CR RP Insert Size 3 7mm	7
151630308	Attune CR RP Insert Size 3 8mm	6
151630312	Attune CR RP Insert Size 3 12mm	1
151630405	Attune CR RP Insert Size 4 5mm	57
151630406	Attune CR RP Insert Size 4 6mm	62
151630407	Attune CR RP Insert Size 4 7mm	63
151630408	Attune CR RP Insert Size 4 8mm	34
151630410	Attune CR RP Insert Size 4 10mm	10
151630412	Attune CR RP Insert Size 4 12mm	1
151630505	Attune CR RP Insert Size 5 5mm	133
151630506	Attune CR RP Insert Size 5 6mm	180
151630507	Attune CR RP Insert Size 5 7mm	120
151630508	Attune CR RP Insert Size 5 8mm	63
151630510	Attune CR RP Insert Size 5 10mm	32
151630512	Attune CR RP Insert Size 5 12mm	4
151630605	Attune CR RP Insert Size 6 5mm	150
151630606	Attune CR RP Insert Size 6 6mm	204
151630607	Attune CR RP Insert Size 6 7mm	123
151630608	Attune CR RP Insert Size 6 8mm	72
151630610	Attune CR RP Insert Size 6 10mm	30

Appendix A3 - Bearing Components

Catalogue Number	Description	Number
151630612	Attune CR RP Insert Size 6 12mm	4
151630705	Attune CR RP Insert Size 7 5mm	107
151630706	Attune CR RP Insert Size 7 6mm	151
151630707	Attune CR RP Insert Size 7 7mm	114
151630708	Attune CR RP Insert Size 7 8mm	62
151630710	Attune CR RP Insert Size 7 10mm	23
151630712	Attune CR RP Insert Size 7 12mm	6
151630805	Attune CR RP Insert Size 8 5mm	93
151630806	Attune CR RP Insert Size 8 6mm	103
151630807	Attune CR RP Insert Size 8 7mm	57
151630808	Attune CR RP Insert Size 8 8mm	38
151630810	Attune CR RP Insert Size 8 10mm	15
151630812	Attune CR RP Insert Size 8 12mm	3
151630905	Attune CR RP Insert Size 9 5mm	16
151630906	Attune CR RP Insert Size 9 6mm	19
151630907	Attune CR RP Insert Size 9 7mm	19
151630908	Attune CR RP Insert Size 9 8mm	15
151630910	Attune CR RP Insert Size 9 10mm	5
151630912	Attune CR RP Insert Size 9 12mm	1
151631005	Attune CR RP Insert Size 10 5mm	1
151631006	Attune CR RP Insert Size 10 6mm	1
151640105	Attune PS FB Insert Size 1 5mm	1
151640107	Attune PS FB Insert Size 1 7mm	1
151640205	Attune PS FB Insert Size 2 5mm	2
151640206	Attune PS FB Insert Size 2 6mm	4
151640207	Attune PS FB Insert Size 2 7mm	1
151640208	Attune PS FB Insert Size 2 8mm	2
151640212	Attune PS FB Insert Size 2 12mm	2
151640305	Attune PS FB Insert Size 3 5mm	110
151640306	Attune PS FB Insert Size 3 6mm	83
151640307	Attune PS FB Insert Size 3 7mm	35
151640308	Attune PS FB Insert Size 3 8mm	35
151640310	Attune PS FB Insert Size 3 10mm	20
151640312	Attune PS FB Insert Size 3 12mm	6
151640316	Attune PS FB Insert Size 3 16mm	1
151640320	Attune PS FB Insert Size 3 20mm	2
151640405	Attune PS FB Insert Size 4 5mm	459
151640406	Attune PS FB Insert Size 4 6mm	243
151640407	Attune PS FB Insert Size 4 7mm	152
151640408	Attune PS FB Insert Size 4 8mm	99
151640410	Attune PS FB Insert Size 4 10mm	42
151640412	Attune PS FB Insert Size 4 12mm	8
151640414	Attune PS FB Insert Size 4 14mm	7
151640505	Attune PS FB Insert Size 5 5mm	691
151640506	Attune PS FB Insert Size 5 6mm	470
151640507	Attune PS FB Insert Size 5 7mm	281

Appendix A3 - Bearing Components

Catalogue Number	Description	Number
151640508	Attune PS FB Insert Size 5 8mm	195
151640510	Attune PS FB Insert Size 5 10mm	85
151640512	Attune PS FB Insert Size 5 12mm	16
151640514	Attune PS FB Insert Size 5 14mm	4
151640516	Attune PS FB Insert Size 5 16mm	2
151640605	Attune PS FB Insert Size 6 5mm	732
151640606	Attune PS FB Insert Size 6 6mm	432
151640607	Attune PS FB Insert Size 6 7mm	259
151640608	Attune PS FB Insert Size 6 8mm	168
151640610	Attune PS FB Insert Size 6 10mm	100
151640612	Attune PS FB Insert Size 6 12mm	31
151640614	Attune PS FB Insert Size 6 14mm	5
151640616	Attune PS FB Insert Size 6 16mm	1
151640705	Attune PS FB Insert Size 7 5mm	535
151640706	Attune PS FB Insert Size 7 6mm	356
151640707	Attune PS FB Insert Size 7 7mm	185
151640708	Attune PS FB Insert Size 7 8mm	136
151640710	Attune PS FB Insert Size 7 10mm	63
151640712	Attune PS FB Insert Size 7 12mm	16
151640714	Attune PS FB Insert Size 7 14mm	3
151640718	Attune PS FB Insert Size 7 18mm	1
151640805	Attune PS FB Insert Size 8 5mm	313
151640806	Attune PS FB Insert Size 8 6mm	209
151640807	Attune PS FB Insert Size 8 7mm	119
151640808	Attune PS FB Insert Size 8 8mm	84
151640810	Attune PS FB Insert Size 8 10mm	44
151640812	Attune PS FB Insert Size 8 12mm	8
151640814	Attune PS FB Insert Size 8 14mm	3
151640816	Attune PS FB Insert Size 8 16mm	2
151640905	Attune PS FB Insert Size 9 5mm	77
151640906	Attune PS FB Insert Size 9 6mm	43
151640907	Attune PS FB Insert Size 9 7mm	21
151640908	Attune PS FB Insert Size 9 8mm	22
151640910	Attune PS FB Insert Size 9 10mm	10
151640912	Attune PS FB Insert Size 9 12mm	3
151640916	Attune PS FB Insert Size 9 16mm	1
151641005	Attune PS FB Insert Size 10 5mm	14
151641006	Attune PS FB Insert Size 10 6mm	19
151641007	Attune PS FB Insert Size 10 7mm	4
151641008	Attune PS FB Insert Size 10 8mm	4
151641010	Attune PS FB Insert Size 10 10mm	1
151641012	Attune PS FB Insert Size 10 12mm	1
151650305	Attune PS RP Insert Size 3 5mm	11
151650306	Attune PS RP Insert Size 3 6mm	10
151650307	Attune PS RP Insert Size 3 7mm	2
151650308	Attune PS RP Insert Size 3 8mm	3

Appendix A3 - Bearing Components

Catalogue Number	Description	Number
151650310	Attune PS RP Insert Size 3 10mm	2
151650405	Attune PS RP Insert Size 4 5mm	17
151650406	Attune PS RP Insert Size 4 6mm	30
151650407	Attune PS RP Insert Size 4 7mm	16
151650408	Attune PS RP Insert Size 4 8mm	11
151650410	Attune PS RP Insert Size 4 10mm	3
151650412	Attune PS RP Insert Size 4 12mm	2
151650505	Attune PS RP Insert Size 5 5mm	72
151650506	Attune PS RP Insert Size 5 6mm	75
151650507	Attune PS RP Insert Size 5 7mm	50
151650508	Attune PS RP Insert Size 5 8mm	25
151650510	Attune PS RP Insert Size 5 10mm	12
151650605	Attune PS RP Insert Size 6 5mm	74
151650606	Attune PS RP Insert Size 6 6mm	85
151650607	Attune PS RP Insert Size 6 7mm	64
151650608	Attune PS RP Insert Size 6 8mm	35
151650610	Attune PS RP Insert Size 6 10mm	14
151650612	Attune PS RP Insert Size 6 12mm	5
151650705	Attune PS RP Insert Size 7 5mm	65
151650706	Attune PS RP Insert Size 7 6mm	81
151650707	Attune PS RP Insert Size 7 7mm	53
151650708	Attune PS RP Insert Size 7 8mm	36
151650710	Attune PS RP Insert Size 7 10mm	11
151650712	Attune PS RP Insert Size 7 12mm	1
151650805	Attune PS RP Insert Size 8 5mm	35
151650806	Attune PS RP Insert Size 8 6mm	44
151650807	Attune PS RP Insert Size 8 7mm	29
151650808	Attune PS RP Insert Size 8 8mm	18
151650810	Attune PS RP Insert Size 8 10mm	4
151650812	Attune PS RP Insert Size 8 12mm	5
151650905	Attune PS RP Insert Size 9 5mm	12
151650906	Attune PS RP Insert Size 9 6mm	1
151650907	Attune PS RP Insert Size 9 7mm	7
151650908	Attune PS RP Insert Size 9 8mm	2
151650910	Attune PS RP Insert Size 9 10mm	2
151651005	Attune PS RP Insert Size 10 5mm	2
151651006	Attune PS RP Insert Size 10 6mm	1
151651007	Attune PS RP Insert Size 10 7mm	2
151651008	Attune PS RP Insert Size 10 8mm	2

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