

Arthroplasty Figures for Senate Enquiry

Component Usage by Sponsor 2008

Note: Source Company is the company supplying the Australian Distributor (Distribution Company).

Table 1: Components used in Joint Procedures in 2008 by Distribution Company

Distribution Company	N
ASDM	2853
Advanced Surgical Technologies	1317
Biomet Australia	17549
Braun Australia Pty Ltd	645
Conmed Linvatec Australia	2
Corin	1452
Depuy Australia	89473
Device Technologies Australia	88
ESKA Australia	1007
Endotec Australia	375
Finsbury Australia	1094
Global Orthopedic Technology Australia	6797
Heraeus	11
LMT Surgical Pty Ltd	68
Lifehealthcare Distribution Pty Ltd	1196
Link Orthopaedics Australia	418
Mathys Australia	1045
Medacta Australia	910
Medical and Optical	56
Medtronic Australasia Pty Ltd	80
Orthopaedic Solution Pty Ltd	20
Orthotech Pty Ltd	5854
Portland Orthopaedics Pty Ltd	402
Smith & Nephew Australia	53114
Stryker Australia	107261
Surgical House	1981
Sythnes Australia Pty Ltd	68
Tornier Pty Ltd	1912
Zimmer Australia	72883
TOTAL	369931

Arthroplasty Figures for Senate Enquiry

Product Groups by Type of Replacement in 2008

Table 1: Components used in Ankle Procedures in 2008

Component Type	N
ANKLE INSERT	170
ANKLE TRAY	155
CEMENT	5
RS UNIV CAP	1
SCREW	2
TALAR COMP	156
TOTAL	489

Table 2: Components used in Elbow Procedures in 2008

Component Type	N
C RESTRICTOR	13
CABLE	6
CEMENT	211
ELBOW PIN	71
HUM COMP	115
N/A	1
PLATE	2
RADIAL HEAD	88
RADIAL NECK	4
RADIAL STEM	87
RESTRICTOR	25
SCREW	11
ULNAR CAP	28
ULNAR COMP	105
TOTAL	767

Table 3: Components used in Spine Procedures in 2008

Component Type	N
BALLTROUGH	17
END PLATE	30
SCREW	1
SEGMENT	62
SPINAL DISC	11
SPINE INSERT	15
TOTAL	136

Table 4: Components used in Wrist Procedures in 2008

Component Type	N
CARPAL COMP	10
CARPAL SPACR	10
CEMENT	2
RADIAL COMP	10
SCREW	17
ULNAR HEAD	8
ULNAR STEM	8
TOTAL	65

Table 5: Components used in Hip Procedures in 2008

Component Type	N
AUGMENTATION	54
AUX HIP COMP	6875
AUX KNEE CMP	11
AUX UNIV	2
BIPLINER	119
BIPOLAR HEAD	735
BIPSHELL	119
BLOCKS	13
BONE SUB	1
C RESTRICTOR	2823
C SPACER	349
CABLE	1442
CABLE GR	62
CABLE PL	9
CABLE SLEEVE	78
CEMENT	16467
CENTRALISER	2883
CUP	2080
FEM COMP	2
FEM NECK	1137
FEM STEM KN	1
HEAD	24414
HIP INSERT	20153
HOLE COVER	119
INT PLUG	5822
KNEE INSERT	2
LNRLCK RING	85
MESH	128
MOD STEM	2682
N/A	16
N/R	975
NAIL	1
PEG	7
PIN	34
PLATE	21
RE RING	194
RESTRICTOR	47
RS CUP	3940
RS HEAD	1437
RS NAIL	19
RS TAP POST	1
RS UNIV CAP	2
RS UNV SCREW	1
S/I	79
SADDLE	4
SCREW	5551
SDL BASE	4
SHELL	19554
STEM	25881
STEM & HEAD	1817

Component Type	N
STEM EXT UNI	51
T/P BOLT	19
T/P LATERAL	19
T/PLATE	19
TAPER SLEEVE	807
TIB COMP	1
TROCH GRIP	101
UNIP HEAD	3894
UNIV STEM	15
UNIV STEM KN	2
WASHER	1
WIRE	4
TOTAL	153185

Table 6: Components used in Knee Procedures in 2008

Component Type	N
AUG PATELLA	15
AUGMENTATION	315
AUX HIP COMP	15
AUX KNEE CMP	2230
AUX UNIV	24
BLOCKS	786
BONE SUB	1
C RESTRICTOR	38
C SPACER	211
CABLE	24
CABLE SLEEVE	8
CEMENT	66241
CENTRALISER	1
D SPACER	43
END CAP	16
FEM COMP	33823
FEM NAIL	2
FEM STEM KN	476
FSN SCREW	8
HEAD	1
HIP INSERT	1
INT PLUG	143
KNEE INS/LAT	2
KNEE INSERT	32823
MESH	1
MIDI INSERT	8
MOD STEM	53
N/A	14
N/R	83
PAT BEARING	83
PAT BUTTON	15899
PEG	57
PIN	7
PLATE	4

Component Type	N
RESTRICTOR	2
RS FMTRC CAP	6
RS PATAN CAP	8
RS PATELLA	140
RS TAP POST	1
RS TROCHLEAR	238
RS UNIV CAP	21
RS UNV SCREW	22
SCREW	2720
SHELL	1
STAPLE	17
STEM & HEAD	1
STEM EXT UNI	47
T/I COMP	1867
TIB COMP	32082
TIB SP	10
TIB STEM KN	721
TOTAL KNEE	34
UNI FEM COMP	3172
UNI KNEE I/B	2160
UNI T/I COMP	1098
UNI TIB COMP	2124
UNIV MODSTEM	1
UNIV STEM	114
UNIV STEM KN	2037
WASHER	1
WEDGE	372
TOTAL	202473

Table 7: Components used in Shoulder Procedures in 2008

Component Type	N
AUX SHLD CMP	174
BIPHUMLINER	3
BIPHUMSHELL	3
BLOCKS	1
C RESTRICTOR	111
CABLE	19
CABLE SLEEVE	1
CEMENT	1335
CTA HUM HEAD	71
EPIPHYSIS	533
GLEN INSERT	232
GLENOID	1165
GLENOSPHERE	703
HUM BODY	520
HUM CUP	744
HUM HEAD	1442
HUM MONO	163
HUM SLEEVE	1
HUM SPACER	24
HUM STEM	1947
INT PLUG	30
METAGLENE	398
N/R	10
RESTRICTOR	139
RS CTA HEAD	11
RS HUM HEAD	201
RS HUM STEM	34
RS HUMHD CAP	1
RS TAP POST	11
RS UNIV CAP	26
RS UNV SCREW	14
SCREW	2226
SCREW ANCH	1
SHLD SLEEVE	1
TAPER	516
UNIV MODSTEM	4
WASHER	1
TOTAL	12816

Arthroplasty Figures for Senate Enquiry

Number of Hip and Knee Procedures by Type of Replacement in 2008

Table 1: Number of Hip Replacements in 2008

Type of Hip Replacement	N	%
Partial Resurfacing	2	0.0
Monoblock	1655	33.4
Unipolar Modular	2471	49.9
Bipolar	826	16.7
Primary Partial	4954	100.0
Total Resurfacing	1442	6.1
Conventional Total	20690	87.8
Total Modular	1419	6.0
Thrust Plate	19	0.1
Primary Total	23570	100.0
Revision	3679	100.0
TOTAL	32203	100.0

Table 2: Number of Knee Replacements in 2008

Type of Knee Replacement	N	%
Partial Resurfacing	22	0.6
Patella/Trochlear	231	6.6
Unicompartmental	3173	91.3
Bicompartmental	48	1.4
Primary Partial	3474	100.0
Total Knee	32338	100.0
Primary Total	32338	100.0
Revision	3155	100.0
TOTAL	38967	100.0

Table 2: Components used in Joint Procedures in 2008 by Distribution Company and Source Company

Distribution Company	Source Company	N
ASDM	ASDM	2853
ASDM		2853
Advanced Surgical Technologies	Wright	1317
Advanced Surgical Technologies		1317
Biomet Australia	Biomet	17482
	Small Bone Innovations	45
	Surgival	22
Biomet Australia		17549
Braun Australia Pty Ltd	Aesculsp	645
Braun Australia Pty Ltd		645
Conmed Linvatec Australia	Linvatec Corporation	2
Conmed Linvatec Australia		2
Corin	Alphanorm Medizintechnik	3
	Corin	1449
Corin		1452
Depuy Australia	Ceram Tec AG	339
	Depuy	83239
	Depuy France	5698
	Johnson & Johnson	137
	Kinamed Inc	60
Depuy Australia		89473
Device Technologies Australia	Arthrex Inc	88
Device Technologies Australia		88
ESKA Australia	ESKA Implants	1007
ESKA Australia		1007
Endotec Australia	Endotec Inc	375
Endotec Australia		375
Finsbury Australia	Finsbury Instruments Ltd	1094
Finsbury Australia		1094
Global Orthopedic Technology Australia	Apex Surgical	23
	EMCM	87
	Encore Medical	165
	Fournitures Hospitalieres Groupe	80
	Global Orthopedic Technology	4099
	Gruppo Bioimpianti	838
	Implants International Limited	161
	International Orthopaedic Holding	167
	Merete Medical	455
	Tecres SPA, Italy	722
Global Orthopedic Technology Australia		6797
Heraeus	Merck Biomaterial	11
Heraeus		11
LMT Surgical Pty Ltd	Argomedical AG	30
	Ascension Orthopedics Inc	38
LMT Surgical Pty Ltd		68

Distribution Company	Source Company	N
Lifehealthcare Distribution Pty Ltd	Amplitude	873
	ArthroSurface	114
	Avanta Orthopaedics	8
	Group Lepine	201
Lifehealthcare Distribution Pty Ltd		1196
Link Orthopaedics Australia	Link	418
Link Orthopaedics Australia		418
Mathys Australia	Hayes Medical Inc	289
	Mathys	756
Mathys Australia		1045
Medacta Australia	Medacta International	910
Medacta Australia		910
Medical and Optical	Acumed International Inc	52
	Martin	4
Medical and Optical		56
Medtronic Australasia Pty Ltd	Medtronic	80
Medtronic Australasia Pty Ltd		80
Orthopaedic Solution Pty Ltd	Bioprofile	20
Orthopaedic Solution Pty Ltd		20
Orthotech Pty Ltd	Lima LTO	5854
Orthotech Pty Ltd		5854
Portland Orthopaedics Pty Ltd	Portland Orthopaedics Pty Ltd	402
Portland Orthopaedics Pty Ltd		402
Smith & Nephew Australia	Birmingham Hip Resurfacing	36
	Inion Ltd	4
	Ortho-ID	169
	Plus Endoprothetik	3059
	Smith & Nephew	49846
Smith & Nephew Australia		53114
Stryker Australia	Howmedica	44526
	Howmedica/Osteonics	41012
	Osteonics	2342
	SA Benoist Girard et Cie	201
	Stryker Orthopaedics	19180
Stryker Australia		107261
Surgical House	Exactec	1685
	JRI International	157
	Kinetikos Medical Incorporated	8
	Newdeal International	99
	Stanmore Implants Worldwide Ltd	32
Surgical House		1981
Sythnes Australia Pty Ltd	Synthes	68
Sythnes Australia Pty Ltd		68
Tornier Pty Ltd	Tornier SA	1912
Tornier Pty Ltd		1912
Zimmer Australia	Allpro	1
	CenterPulse Orthopaedics	226
	Zimmer	72656

Distribution Company	Source Company	N
Zimmer Australia		72883
TOTAL		369931

Table 3: Components used in Joint Procedures in 2008 by Distribution Company, Source Company and Procedure

Distribution Company	Source Company	Procedure	N
ASDM	ASDM	HIP	1
		KNEE	2852
ASDM	ASDM		2853
ASDM			2853
Advanced Surgical Technologies	Wright	ELBOW	65
		HIP	270
		KNEE	982
Advanced Surgical Technologies	Wright		1317
Advanced Surgical Technologies			1317
Biomet Australia	Biomet	ELBOW	50
		HIP	4693
		KNEE	12510
		SHOULDER	229
Biomet Australia	Biomet		17482
	Small Bone Innovations	ELBOW	4
		WRIST	41
Biomet Australia	Small Bone Innovations		45
	Surgival	HIP	22
Biomet Australia	Surgival		22
Biomet Australia			17549
Braun Australia Pty Ltd	Aesculsp	HIP	25
		KNEE	620
Braun Australia Pty Ltd	Aesculsp		645
Braun Australia Pty Ltd			645
Conmed Linvatec Australia	Linvatec Corporation	KNEE	2
Conmed Linvatec Australia	Linvatec Corporation		2
Conmed Linvatec Australia			2
Corin	Alphanorm Medizintechnik	HIP	1
		KNEE	2
Corin	Alphanorm Medizintechnik		3
	Corin	HIP	1135
		KNEE	314
Corin	Corin		1449
Corin			1452
Depuy Australia	Ceram Tec AG	HIP	339
Depuy Australia	Ceram Tec AG		339
	Depuy	ANKLE	274
		ELBOW	32
		HIP	24934
		KNEE	56033
		SHOULDER	1963
		SPINE	3
Depuy Australia	Depuy		83239
	Depuy France	HIP	3427
		SHOULDER	2271

Distribution Company	Source Company	Procedure	N
Depuy Australia	Depuy France		5698
	Johnson & Johnson	HIP	30
		KNEE	107
Depuy Australia	Johnson & Johnson		137
	Kinamed Inc	HIP	55
		SHOULDER	5
Depuy Australia	Kinamed Inc		60
Depuy Australia			89473
Device Technologies Australia	Arthrex Inc	ELBOW	1
		SHOULDER	87
Device Technologies Australia	Arthrex Inc		88
Device Technologies Australia			88
ESKA Australia	ESKA Implants	ANKLE	3
		HIP	1004
ESKA Australia	ESKA Implants		1007
ESKA Australia			1007
Endotec Australia	Endotec Inc	ANKLE	54
		KNEE	305
		SHOULDER	16
Endotec Australia	Endotec Inc		375
Endotec Australia			375
Finsbury Australia	Finsbury Instruments Ltd	ANKLE	18
		HIP	1024
		KNEE	52
Finsbury Australia	Finsbury Instruments Ltd		1094
Finsbury Australia			1094
Global Orthopedic Technology Australia	Apex Surgical	HIP	23
Global Orthopedic Technology Australia	Apex Surgical		23
	EMCM	HIP	7
		KNEE	80
Global Orthopedic Technology Australia	EMCM		87
	Encore Medical	HIP	165
Global Orthopedic Technology Australia	Encore Medical		165
	Fournitures Hospitalieres Groupe	HIP	80
Global Orthopedic Technology Australia	Fournitures Hospitalieres Groupe		80
	Global Orthopedic Technology	HIP	690
		KNEE	3409
Global Orthopedic Technology Australia	Global Orthopedic Technology		4099
	Gruppo Bioimpianti	HIP	838
Global Orthopedic Technology Australia	Gruppo Bioimpianti		838
	Implants International Limited	HIP	161
Global Orthopedic Technology Australia	Implants International Limited		161
	International Orthopaedic Holding	HIP	167
Global Orthopedic Technology Australia	International Orthopaedic Holding		167
	Merete Medical	HIP	455
Global Orthopedic Technology Australia	Merete Medical		455
	Tecres SPA, Italy	HIP	132

Distribution Company	Source Company	Procedure	N
		KNEE	565
		SHOULDER	25
Global Orthopedic Technology Australia	Tecres SPA, Italy		722
Global Orthopedic Technology Australia			6797
Heraeus	Merck Biomaterial	HIP	2
		KNEE	8
		SHOULDER	1
Heraeus	Merck Biomaterial		11
Heraeus			11
LMT Surgical Pty Ltd	Argomedical AG	SHOULDER	30
LMT Surgical Pty Ltd	Argomedical AG		30
	Ascension Orthopedics Inc	ELBOW	38
LMT Surgical Pty Ltd	Ascension Orthopedics Inc		38
LMT Surgical Pty Ltd			68
Lifehealthcare Distribution Pty Ltd	Amplitude	HIP	272
		KNEE	601
Lifehealthcare Distribution Pty Ltd	Amplitude		873
	Arthrosurface	ANKLE	1
		HIP	4
		KNEE	58
		SHOULDER	51
Lifehealthcare Distribution Pty Ltd	Arthrosurface		114
	Avanta Orthopaedics	ELBOW	2
		WRIST	6
Lifehealthcare Distribution Pty Ltd	Avanta Orthopaedics		8
	Group Lepine	HIP	201
Lifehealthcare Distribution Pty Ltd	Group Lepine		201
Lifehealthcare Distribution Pty Ltd			1196
Link Orthopaedics Australia	Link	ANKLE	3
		HIP	169
		KNEE	246
Link Orthopaedics Australia	Link		418
Link Orthopaedics Australia			418
Mathys Australia	Hayes Medical Inc	HIP	289
Mathys Australia	Hayes Medical Inc		289
	Mathys	ELBOW	2
		HIP	429
		KNEE	240
		SHOULDER	85
Mathys Australia	Mathys		756
Mathys Australia			1045
Medacta Australia	Medacta International	HIP	619
		KNEE	291
Medacta Australia	Medacta International		910
Medacta Australia			910
Medical and Optical	Acumed International Inc	ELBOW	26
		HIP	24
		KNEE	2

Distribution Company	Source Company	Procedure	N
Medical and Optical	Acumed International Inc		52
	Martin	WRIST	4
Medical and Optical	Martin		4
Medical and Optical			56
Medtronic Australasia Pty Ltd	Medtronic	SPINE	80
Medtronic Australasia Pty Ltd	Medtronic		80
Medtronic Australasia Pty Ltd			80
Orthopaedic Solution Pty Ltd	Bioprofile	ELBOW	16
		WRIST	4
Orthopaedic Solution Pty Ltd	Bioprofile		20
Orthopaedic Solution Pty Ltd			20
Orthotech Pty Ltd	Lima LTO	HIP	803
		SHOULDER	5051
Orthotech Pty Ltd	Lima LTO		5854
Orthotech Pty Ltd			5854
Portland Orthopaedics Pty Ltd	Portland Orthopaedics Pty Ltd	HIP	402
Portland Orthopaedics Pty Ltd	Portland Orthopaedics Pty Ltd		402
Portland Orthopaedics Pty Ltd			402
Smith & Nephew Australia	Birmingham Hip Resurfacing	HIP	36
Smith & Nephew Australia	Birmingham Hip Resurfacing		36
	Inion Ltd	HIP	4
Smith & Nephew Australia	Inion Ltd		4
	Ortho-ID	HIP	169
Smith & Nephew Australia	Ortho-ID		169
	Plus Endoprothetik	HIP	2434
		KNEE	598
		SHOULDER	27
Smith & Nephew Australia	Plus Endoprothetik		3059
	Smith & Nephew	HIP	26214
		KNEE	23576
		SHOULDER	56
Smith & Nephew Australia	Smith & Nephew		49846
Smith & Nephew Australia			53114
Stryker Australia	Howmedica	ANKLE	2
		ELBOW	164
		HIP	24374
		KNEE	19549
		SHOULDER	435
		WRIST	2
Stryker Australia	Howmedica		44526
	Howmedica/Osteonics	ELBOW	3
		HIP	19292
		KNEE	21711
		SHOULDER	6
Stryker Australia	Howmedica/Osteonics		41012
	Osteonics	HIP	1326
		KNEE	981
		SHOULDER	35

Distribution Company	Source Company	Procedure	N
Stryker Australia	Osteonics		2342
	SA Benoist Girard et Cie	HIP	201
Stryker Australia	SA Benoist Girard et Cie		201
	Stryker Orthopaedics	HIP	11828
		KNEE	7252
		SHOULDER	89
		SPINE	11
Stryker Australia	Stryker Orthopaedics		19180
Stryker Australia			107261
Surgical House	Exactec	HIP	22
		KNEE	1663
Surgical House	Exactec		1685
	JRI International	HIP	157
Surgical House	JRI International		157
	Kinetikos Medical Incorporated	WRIST	8
Surgical House	Kinetikos Medical Incorporated		8
	Newdeal International	ANKLE	99
Surgical House	Newdeal International		99
	Stanmore Implants Worldwide Ltd	HIP	15
		KNEE	17
Surgical House	Stanmore Implants Worldwide Ltd		32
Surgical House			1981
Sythnes Australia Pty Ltd	Synthes	HIP	3
		KNEE	2
		SHOULDER	21
		SPINE	42
Sythnes Australia Pty Ltd	Synthes		68
Sythnes Australia Pty Ltd			68
Tornier Pty Ltd	Tornier SA	ANKLE	33
		ELBOW	214
		KNEE	219
		SHOULDER	1446
Tornier Pty Ltd	Tornier SA		1912
Tornier Pty Ltd			1912
Zimmer Australia	Allpro	HIP	1
Zimmer Australia	Allpro		1
	CenterPulse Orthopaedics	HIP	110
		KNEE	116
Zimmer Australia	CenterPulse Orthopaedics		226
	Zimmer	ANKLE	2
		ELBOW	150
		HIP	24107
		KNEE	47510
		SHOULDER	887
Zimmer Australia	Zimmer		72656
Zimmer Australia			72883
TOTAL			369931

