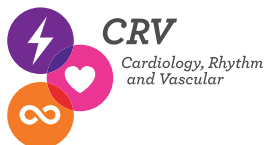


April
2011
Update



Reference Guide to Pacemakers, ICDs, and Leads

Compiled by Boston Scientific CRV

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Mfg. Abbrev.	Manufacturer Name	Phone
ANG	Angeion Corp. (ELA)	1.800.352.6466
BIO	Biotronik, Inc.	1.800.547.0394
BSC	Boston Scientific.	1.800.CARDIAC (227.3422)
CCS	Cardiac Control Systems, Inc.	(Not in service)
CMD	Cardio-Pace Medical, Inc.	(Not in service)
CKP	Cook Pacemaker Corp.	1.800.245.4715
CTM	Coratomic	(Not in service)
COR	Cordis (St. Jude Medical)	1.800.525.7042
ELA	ELA Medical, Inc.	1.800.352.6466
GDT	Guidant (Boston Scientific)	1.800.CARDIAC (227.3422)
IMC	Intermedics, Inc. (Boston Scientific)	1.800.CARDIAC (227.3422)

Mfg. Abbrev.	Manufacturer Name	Phone
MED	Medtronic, Inc.	1.800.328.2518
OSY	Oscor	1.800.726.7267
PSI	Pacesetter (St. Jude Medical)	1.800.722.3774
SEL	Siemens-Elema (St. Jude Medical)	1.800.722.3774
SJM	St. Jude Medical	1.800.722.3774
SOR	Sorin Biomedica Italy (ELA)	0161.487.780
TPS	Telectronics Pacing Systems (St. Jude Medical)	1.800.525.7042
VEN	Ventritex, Inc. (St. Jude Medical)	1.800.733.3455
VIT	Vitatron (Medtronic)	1.800.848.2876

This handbook is divided into six sections:

- | | | |
|----------------|------------------------------------|----------------|
| 1) Pacemakers | 2) Brady Leads | 3) ICDs |
| 4) Tachy Leads | 5) Heart Failure Devices and Leads | 6) Accessories |

The first part of **Pacemakers** and **ICDs** contains general reference categories that describe the generic NBG pacemaker and NBD defibrillator codes; illustrations for header categories; a general information page for abbreviations, wrenches, and screwdriver specifications; and finally manufacturers' devices. **Brady** and **Tachy Leads** are similarly arranged.

Pacemaker and **ICD** manufacturers are arranged in alphabetical order with devices organized in numeric sequence. Pertinent factors relating to each manufacturer's devices are referenced according to: model number and name, NBG or NBD code, X-Ray ID, pacemaker or ICD specifications, and Elective Replacement Indicator (ERI).

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERN/ERI MAG Rate	Elective Replacement Indicator (ERI)
S606	Altrua 60	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate.

Model **S606 Altrua 60** is a dual-chamber, rate-responsive pulse generator featuring blended accelerometer and minute ventilation (MV) sensors, advanced atrial arrhythmia management features (eg, AFR, ATR, VRR), enhanced diagnostics, and a small, physiologic shape.

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
E110	TELIGEN	VVEV	BOS112	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.

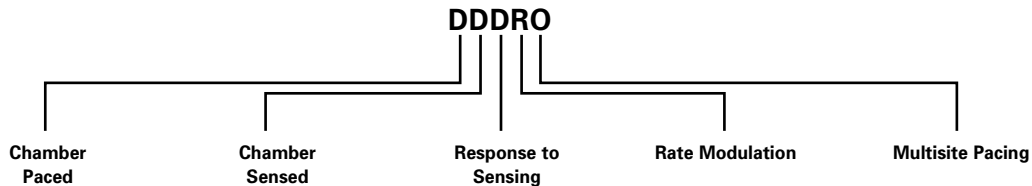
Model **E110 Teligen** is a dual-chamber, rate-responsive pacemaker and ICD. It features tachy detection enhancements, brady therapies, and tachy therapies that include mono/biphasic defibrillation delivered via the TRIAD system.

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Guidant (BSC)	58
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Medtronic, Inc.	76
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NASPE/BPEG (NBG) Generic Pacemaker Code

Position	I	II	III	IV	V
Category	Chamber(s) Paced	Chamber(s) Sensed	Response to Sensing	Rate Modulation	Multisite Pacing
	0 = none A = atrium V = ventricle D = dual (A+V) S = single (A or V)	0 = none A = atrium V = ventricle D = dual (A+V) S = single (A or V)	0 = none T = triggered I = inhibited D = dual (T+I)	0 = none R = rate modulation	0 = none A = atrium V = ventricle D = dual (A+V)



Bernstein AD, Daubert J-C, Fletcher RD, Hayes DL, Lüderitz B, Reynolds DW, Schoenfeld MH, Sutton R.
The Revised NASPE/BPEG Generic Code for Antibradycardia, Adaptive-Rate, and Multisite Pacing. *PACE* 2000; 25:260-264

Brady General Abbreviations

(P)	Pace
(S)	Sense
A	Atrial
Bi	Bipolar
BiF	BiFurcated
BOL	Beginning of Life
EOL	End of Life
ERI	Elective Replacement Indicator
ERN	Elective Replacement Near
IFI	Intensified Follow-up Indicator (Intermedics)
mm	Millimeter
ms	Millisecond
PI	Programmed Interval (mm)
ppm	Pulses Per Minute
PR	Programmed Rate
Tri	Tripolar
Uni	Unipolar
V	Ventricular

Brady Wrenches & Screwdrivers

2	No. 2 Hex Wrench/.035" (1/32)
2/SD	No. 2 Hex Wrench and Screwdriver
2/SST	No. 2 Hex Wrench and Splined Socket Tip
4	No. 4 Hex Wrench/.050"
5	No. 5 Hex Wrench/.056"
5/SD	No. 5 Hex Wrench and Screwdriver
6	No. 6 Hex Wrench/.062" (1/16)
6/SD	No. 6 Hex Wrench and Screwdriver
SD	Screwdriver
SLC	Sidelock
SST	Splined Socket Tip
Wrench	Special open-ended wrench

Unique Brady Headers**Bayonet**

Biotronik-special no-tool-required connector

Screw

Pacesetter, Siemens no-tool-required connector

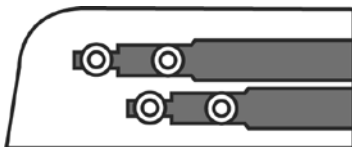
Tripolar

Guidant-special lead required

Vitatron (VIT)

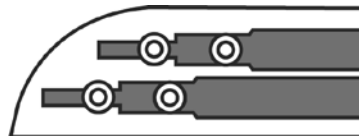
Vitatron-special lead required

Brady Headers



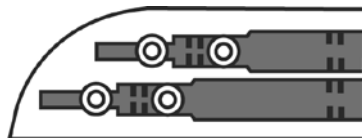
IS-1/VS-1 Bipolar

3.2 mm diameter, no sealing rings in header, short receptacle for lead terminal. Accepts IS-1/VS-1 leads only.



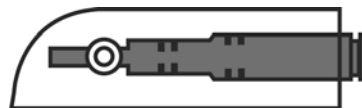
VS-1A Bipolar

3.2 mm, no sealing rings in header, long receptacle for lead terminal. Accepts IS-1/VS-1 and 3.2 mm C leads. Will not accept 3.2 mm LP leads.



IS-1 Compatible/VS-1B Bipolar

3.2 mm diameter, sealing rings, long receptacle for lead terminal. Accepts IS-1/VS-1, 3.2 mm LP, and 3.2 mm C leads.



5/6 Unipolar

Sealing rings, long receptacle. Accepts 5/6 mm leads.

X-Ray ID	Mfr.	Model No.
#R	MED	9000
1J	MED	7071A
1X	MED	7077
1Z1	MED	7107
227-01	IMC	227-01
227-05	IMC	227-05
229-01	IMC	229-01
229-05	IMC	229-05
230-05	IMC	230-05
233-05	IMC	233-05
235-01	IMC	235-01
235-02	IMC	235-02
236-02	IMC	236-02
251-02	IMC	251-02
253-01	IMC	253-01
253-02	IMC	253-02
253-04	IMC	253-04
253-05	IMC	253-05
253-07	IMC	253-07
253-09	IMC	253-09
253-19	IMC	253-19

X-Ray ID	Mfr.	Model No.
253-19	IMC	253-19
253-21	IMC	253-21
253-23	IMC	253-23
254-06	IMC	254-06
254-07	IMC	254-07
254-09	IMC	254-09
254-10	IMC	254-10
254-18	IMC	254-18
254-20	IMC	254-20
254-22	IMC	254-22
254-24	IMC	254-24
254-26	IMC	254-26
254-28	IMC	254-28
262-12	IMC	262-12
262-14	IMC	262-14
263-01	IMC	263-01
271-03	IMC	271-03
281-01	IMC	281-01
282-02	IMC	282-02
283-01	IMC	283-01
283-01	IMC	283-01s

X-Ray ID	Mfr.	Model No.
284-02	IMC	284-02
2A	MED	7027A
2E	MED	7076
2G1	MED	7108
2P	MED	8424
2T	MED	8426
2U	MED	8427
2Y	MED	8446
2Z	MED	8448
350A	COR	350A
3E	MED	8423M
3U	MED	7084
3V	MED	7085
3W	MED	8403M
3Y	MED	7086
410A	COR	410A
410B	COR	410B
410D	COR	410D
450A	COR	450A
4W	MED	8413M
50KS	SOR	100

X-Ray ID	Mfr.	Model No.
54FS	SOR	200
54FS	SOR	200C
5W	MED	7027M
6W	MED	7071M
7W	MED	8331M
8619 CPM	CMD	8619
8620 CPM	CMD	8620
8W	MED	8341M
A	TPS	4171
AA	BIO	168
AA	BIO	112472
AA	PSI	2002B
AA	PSI	2002L
AA	PSI	2002T
AB	PSI	2003M/S
AC	BIO	112548
AC or AI	PSI	2010T
AD	PSI	2005L
AD	PSI	2005T
AE	BIO	112650
AE	BIO	112651

X-Ray ID	Mfr.	Model No.
AE	BIO	117322
AE	BIO	117323
AE	BIO	120837
AE	MED	5926
AE	PSI	2006L
AE	PSI	2006T
AF	MED	5927
AF	PSI	2007K
AF	PSI	2007M/S
AG or PHX	PSI	2008L
AG or PHX	PSI	2008T
AH	PSI	2009K
AH	PSI	2009M/S
AJ	PSI	2011M/S
AK	BIO	112621
AK	BIO	112622
AK	BIO	113153
AK	BIO	113874
AK	BIO	114141
AK	BIO	114142
AK	BIO	114143

X-Ray ID	Mfr.	Model No.
AK	BIO	120176
AK	BIO	120177
AK	BIO	120905
AL	PSI	2016L
AL	PSI	2016T
AN	PSI	2022L
AN	PSI	2022T
AO	PSI	2023M/S
AP	BIO	112681
AP	PSI	2028L
AP	PSI	2028T
AR	BIO	119314
AR	BIO	119315
AR	BIO	122130
AR	BIO	122131
AR	PSI	2029K
AR	PSI	2029M/S
AS	PSI	2060BL
AS	PSI	2060LR
ASX	SOR	400T
AU	MED	5922

X-Ray ID	Mfr.	Model No.
AY	MED	5923
B	TPS	4172
BC	PSI	2204L
BC	PSI	2204T
BD	PSI	2205K
BD	PSI	2205M/S
BK	MED	5994AP
BK	PSI	2304L
BK	PSI	2304T
BK	PSI	2314L
BK	PSI	2314T
KA4	BIO	543
K5	BIO	343
KL1	BIO	743
KN1	BIO	740
KN	BIO	01
BL	MED	5995AP
BN	PSI	2305M/S
BN	PSI	2315M/S
BOS003	BSC	S201
BOS003	BSC	S202

X-Ray ID	Mfr.	Model No.
BOS003	BSC	S203
BOS003	BSC	S204
BOS003	BSC	S205
BOS003	BSC	S206
BOS003	BSC	S207
BOS003	BSC	S208
BOS003	BSC	S209
BOS003	BSC	S401
BOS003	BSC	S402
BOS003	BSC	S403
BOS003	BSC	S404
BOS003	BSC	S501
BOS003	BSC	S502
BOS003	BSC	S503
BOS003	BSC	S504
BOS003	BSC	S505
BOS003	BSC	S506
BOS003	BSC	S507
BOS003	BSC	S508
BOS003	BSC	S601
BOS003	BSC	S602

X-Ray ID	Mfr.	Model No.
BOS003	BSC	S603
BOS003	BSC	S604
BOS003	BSC	S605
BOS003	BSC	S606
BSX	SOR	100C
BSX	SOR	Orion 60 (BSX)
BV	COR	234A
BW	COR	335B7
BW	COR	335D7
BX	COR	333B7
BX	COR	333C7
BX	COR	333D7
BZ	COR	232A
BZ	COR	232B
CA	BIO	112518
CA	BIO	112519
CA	BIO	114134
CA	BIO	114139
CA	BIO	114140
CA	BIO	120830
CCS 101	CCS	101

X-Ray ID	Mfr.	Model No.
CCS 105	CCS	105
CCS 106	CCS	106
CCS 109	CCS	109
CCS 110	CCS	110
CCS 115	CCS	115
CCS 118	CCS	118
CCS 119	CCS	119
CCS 205	CCS	205
CCS 206	CCS	206
CCS 209	CCS	209
CCS 210	CCS	210
CCS 215	CCS	215
CCS 218	CCS	218
CCS 227	CCS	227
CCS 231	CCS	231
CCS 232	CCS	232
CCS 235	CCS	235
CCS 305	CCS	305
CCS 325	CCS	325
CCS 333	CCS	333
CCS 501	CCS	501

X-Ray ID	Mfr.	Model No.
CCS 505	CCS	505
CCS 509	CCS	509
CCS 533	ccs	533
CCS 534	CCS	534
CE	BIO	112961
CH	BIO	117488
CH	BIO	117489
CH	BIO	119360
CH	BIO	119361
CH	BIO	120881
CI	BIO	120499
CI	BIO	120500
CL	BIO	113403
CM	MED	5997
CPI 0	GDT	1124
CPI 001	GDT	0470
CPI 001	GDT	0476
CPI 001	GDT	0870
CPI 001	GDT	0970
CPI 001	GDT	0972
CPI 001	GDT	0976

X-Ray ID	Mfr.	Model No.
CPI 001	GDT	1170
CPI 001	GDT	1171
CPI 001	GDT	1172
CPI 001	GDT	1174
CPI 001	GDT	1175
CPI 001	GDT	1176
CPI 001	GDT	1270
CPI 001	GDT	1272
CPI 001	GDT	1273
CPI 001	GDT	1274
CPI 001	GDT	1275
CPI 001	GDT	1276
CPI 0910	GDT	0910
CPI 0925	GDT	0925
CPI 1	GDT	1125
CPI 101	GDT	0101
CPI 1000	GDT	1000
CPI 1100	GDT	1100
CPI 1118	GDT	1118
CPI 1119	GDT	1119
CPI 1120	GDT	1120

X-Ray ID	Mfr.	Model No.
CPI 1130	GDT	1130
CPI 1135	GDT	1135
CPI 1200	GDT	1200
CPI 1230	GDT	1230
CPI 1232	GDT	1232
CPI 1235	GDT	1235
CPI 2	GDT	1126
CPI 201	GDT	0201
CPI 3	GDT	1123
CPI 301	GDT	0301
CPI 4	GDT	1224
CPI 401	GDT	0401
CPI 427	GDT	0427
CPI 428	GDT	0428
CPI 429	GDT	0429
CPI 437	GDT	0437
CPI 438	GDT	0438
CPI 439	GDT	0439
CPI 443	GDT	0443
CPI 444	GDT	0444
CPI 445	GDT	0445

X-Ray ID	Mfr.	Model No.
CPI 446	GDT	0446
CPI 447	GDT	0447
CPI 448	GDT	0448
CPI 449	GDT	0449
CPI 460	GDT	0460
CPI 465	GDT	0465
CPI 5	GDT	1225
CPI 501	GDT	0501
CPI 502	GDT	0502
CPI 503	GDT	0503
CPI 504	GDT	0504
CPI 505	GDT	0505
CPI 507	GDT	0507
CPI 508	GDT	0508
CPI 509	GDT	0509
CPI 510	GDT	0510
CPI 520	GDT	0520
CPI 521	GDT	0521
CPI 522	GDT	0522
CPI 523	GDT	0523
CPI 525	GDT	0525

X-Ray ID	Mfr.	Model No.
CPI 527	GDT	0527
CPI 528	GDT	0528
CPI 529	GDT	0529
CPI 530	GDT	0530
CPI 531	GDT	0531
CPI 537	GDT	0537
CPI 538	GDT	0538
CPI 539	GDT	0539
CPI 6	GDT	1223
CPI 601	GDT	0601
CPI 602	GDT	0602
CPI 603	GDT	0603
CPI 604	GDT	0604
CPI 605	GDT	0605
CPI 607	GDT	0607
CPI 608	GDT	0608
CPI 609	GDT	0609
CPI 620	GDT	0620
CPI 621	GDT	0621
CPI 622	GDT	0622
CPI 623	GDT	0623

X-Ray ID	Mfr.	Model No.
CPI 625	GDT	0625
CPI 627	GDT	0627
CPI 628	GDT	0628
CPI 629	GDT	0629
CPI 630	GDT	0630
CPI 631	GDT	0631
CPI 635	GDT	0635
CPI 637	GDT	0637
CPI 638	GDT	0638
CPI 639	GDT	0639
CPI 7	GDT	1226
CPI 702	GDT	0702
CPI 703	GDT	0703
CPI 8	GDT	1227
CPI 802	GDT	0802
CPI 803	GDT	0803
CPI 9	GDT	1229
CPI 926	GDT	0926
CPI 927	GDT	0927
CPI 928	GDT	0928
CPI 936	GDT	0936

X-Ray ID	Mfr.	Model No.
CPI 937	GDT	0937
CPI 938	GDT	0938
CPI 940	GDT	0940
CPI 941	GDT	0941
CPI 942	GDT	0942
CPI 950	GDT	0950
CPI 955	GDT	0955
CT	MED	5996
CV	BIO	119426
CV	BIO	121080
CX	MED	8437
CY	MED	5966
CZ	COR	237A
CZ	MED	8438
DE	MED	5967
DF	MED	5984
DG	MED	5985
DH	COR	184A
DH	MED	5920
DJ	MED	5921
DSX	SOR	Physiocor 400T

X-Ray ID	Mfr.	Model No.
DX	COR	190A
EA	BIO	113850
ED	MED	5988
EE	MED	5989
EH	BIO	122279
EK	BIO	113714
EK	BIO	113715
EK	BIO	120340
EK	BIO	120350
EK	BIO	120842
EL	BIO	113719
EL	BIO	118136
EL	BIO	118137
ELA	ELA	2130
ELA	ELA	2210
ELA	ELA	2250
ELA	ELA	2350
ELA	ELA	2410
ELA	ELA	2450
ELA	ELA	2510
ELA	ELA	2530

X-Ray ID	Mfr.	Model No.
ELA	ELA	2550
ELA 112	ELA	112
ELA 113	ELA	113
ELA 133	ELA	133
ELA 1350	ELA	1350
ELA 2001	ELA	2001
ELA 2003	ELA	2003
ELA 2004	ELA	2004
ELA 210	ELA	210
ELA 212	ELA	212
ELA 213	ELA	213
ELA 220	ELA	220
ELA 222	ELA	222
ELA 223	ELA	223
ELA 230	ELA	230
ELA 233	ELA	233
ELA 243	ELA	243
ELA 253	ELA	253
ELA 263	ELA	263
ELA 2WT	ELA	1251
ELA 3001	ELA	3001

X-Ray ID	Mfr.	Model No.
ELA 3003	ELA	3003
ELA 3004	ELA	3004
ELA 3350	ELA	3350
ELA 3370	ELA	3370
ELA 3371	ELA	3371
ELA 4001	ELA	4001
ELA 4003	ELA	4003
ELA 4004	ELA	4004
ELA 4006	ELA	4006
ELA 4021	ELA	4021
ELA 4023	ELA	4023
ELA 4024	ELA	4024
ELA 4033	ELA	4033
ELA 4034	ELA	4034
ELA 4121	ELA	4121
ELA 4124	ELA	4124
ELA 4534	ELA	4534
ELA 4621	ELA	4621
ELA 4624	ELA	4624
ELA 6001	ELA	6001
ELA 6003	ELA	6003

X-Ray ID	Mfr.	Model No.
ELA 6004	ELA	6004
ELA 6005	ELA	6005
ELA 6033	ELA	6033
ELA 6034	ELA	6034
ELA 6035	ELA	6035
ELA 623	ELA	6234
ELA 6244	ELA	6244
ELA 7034	ELA	7034
ELA 7134	ELA	7134
ELA 7234	ELA	7234
ELA 7334	ELA	7334
ELA 7434	ELA	7434
ELA 7580	ELA	7580
ELA 7583	ELA	7583
ELA M1	ELA	1140
ELA M11	ELA	1141
ELA M1B	ELA	2140
ELA M2	ELA	1250
ELA M2	ELA	2250 M
ELA M2WT	ELA	2251

X-Ray ID	Mfr.	Model No.
ELA U2	ELA	7520
ELA U2	ELA	7550
ELA U2	ELA	7760
ELA U2B	ELA	7522
ELA U2B	ELA	7552
ELA U2B	ELA	7762
ELAM 3	ELA	1370
EP	BIO	113720
EP	BIO	113721
ER	BIO	338843
ER	BIO	338845
ER	BIO	338846
ER	BIO	338847
ER	BIO	338848
ER	BIO	338849
ER	BIO	338850
ER	BIO	338851
ER	BIO	338852
ESX	SOR	ICV0012
ESX	SOR	ICV0221

X-Ray ID	Mfr.	Model No.
ESX	SOR	ICV0226
ESX	SOR	ICV0227
ESX	SOR	POO76
EX	MED	8432
EZ	BIO	122300
EZ	BIO	122302
EZ	BIO	341215
FN or CU	MED	2409
FQ	MED	8433
FS	MED	8434
FT	MED	7000
GDT 002	GDT	0481
GDT 002	GDT	0981
GDT 002	GDT	1180
GDT 002	GDT	1181
GDT 002	GDT	1184
GDT 002	GDT	1185
GDT 002	GDT	1186
GDT 002	GDT	1187
GDT 002	GDT	1280

X-Ray ID	Mfr.	Model No.
GDT 002	GDT	1283
GDT 002	GDT	1284
GDT 002	GDT	1285
GDT 002	GDT	1286
GDT 003	GDT	0482
GDT 003	GDT	0484
GDT 003	GDT	0485
GDT 003	GDT	0882
GDT 003	GDT	0982
GDT 003	GDT	0985
GDT 003	GDT	0986
GDT 003	GDT	1190
GDT 003	GDT	1192
GDT 003	GDT	1194
GDT 003	GDT	1195
GDT 003	GDT	1198
GDT 003	GDT	1290
GDT 003	GDT	1291
GDT 003	GDT	1292
GDT 003	GDT	1294

X-Ray ID	Mfr.	Model No.
GDT 003	GDT	1295
GDT 003	GDT	1296
GDT 003	GDT	1297
GDT 003	GDT	1298
GG	COR	308A
GL	MED	8420
GS	MED	8436
GS	SOR	50
HB	COR	402A
HC or 418A	COR	418A
HG	COR	233D
HH	COR	235B
HJ	MED	8422
HK or 233F	COR	233F
HL	COR	233E
HN	MED	8423
HR	COR	233G
HSX	SOR	636
HX	MED	7001
I*FH	IMC	294-03R
I*HG	IMC	294-23E

X-Ray ID	Mfr.	Model No.
I*JK	IMC	293-03E
I*JN	IMC	294-09E
I*KJ	IMC	284-09E
I*KK	IMC	284-05E
I*KL	IMC	294-05E
I*KS	IMC	292-05E
I*KT	IMC	292-07E
ICC	IMC	281-03
ICE	IMC	282-04
ICG	IMC	254-20V
ICH	IMC	291-01
ICH	IMC	292-02
ICI	IMC	293-01
ICK	IMC	281-05
ICL	IMC	282-04R
ICN	IMC	284-05
ICP	IMC	253-25
ICS	IMC	283-01V
ICT	IMC	284-02V
ICU	IMC	254-30
ICX	IMC	254-27

X-Ray ID	Mfr.	Model No.
ICX	IMC	254-27E
ICZ	IMC	281-05s
ID	COR	242A7
IEF	IMC	283-03
IEG	IMC	262-16
IEH	IMC	262-18
IEJ	IMC	294-03
IEK	IMC	292-03
IEK	IMC	292-03E
IEL	IMC	282-04Y
IEN	IMC	282-09
IES	IMC	262-16R
IET	IMC	254-31
IEX	IMC	282-09R
IFE	IMC	291-03
IFF	IMC	292-03R
IFG	IMC	293-03
IFJ	IMC	292-05
IFK	IMC	294-05
IFL	IMC	292-07
IFN	IMC	282-07

X-Ray ID	Mfr.	Model No.
IFS	IMC	281-07
IFT	IMC	292-06
IFY	IMC	292-09
IFZ	IMC	294-09
IGC	IMC	291-09
IGE	IMC	292-10
IGF	IMC	292-09R
IGG	IMC	294-09R
IGH	IMC	293-09
IGJ	IMC	294-10
IGK	IMC	292-09X
IGU	IMC	284-09
IGZ	IMC	283-09
IHC	IMC	284-09R
IHG	IMC	294-23
HHH	IMC	293-23
IHJ	IMC	294-09Z
IHK	IMC	292-09Z
IHL	IMC	294-23Z
IHN	IMC	294-03E
II	COR	241A

X-Ray ID	Mfr.	Model No.
IJ	MED	8400
IJF	MED	AT500
ISX	SOR	LIT 636
ITM 002	IMC	1349
ITM 002	IMC	1380
ITM 002	IMC	1381
ITM 002	IMC	1384
ITM 002	IMC	1386
ITM 002	IMC	1387
ITM 002	IMC	1480
ITM 002	IMC	1483
ITM 002	IMC	1486
ITM 002	IMC	1499
TM 002	IMC	1484
ITM 003	IMC	1325
ITM 003	IMC	1326
ITM 003	IMC	1328
ITM 003	IMC	1390
ITM 003	IMC	1392
ITM 003	IMC	1394
ITM 003	IMC	1395

X-Ray ID	Mfr.	Model No.
ITM 003	IMC	1398
ITM 003	IMC	1425
ITM 003	IMC	1426
ITM 003	IMC	1428
ITM 003	IMC	1432
ITM 003	IMC	1466
ITM 003	IMC	1467
ITM 003	IMC	1468
ITM 003	IMC	1490
ITM 003	IMC	1491
ITM 003	IMC	1492
ITM 003	IMC	1494
ITM 003	IMC	1495
IW	MED	8402
IY	MED	8403
JA	COR	238A7
JB	COR	238B7
JD or 337A	COR	337A
JM or 240G	COR	240G
JP	COR	233GL
JP	COR	233GR

X-Ray ID	Mfr.	Model No.
JP	COR	233GS
JR	MED	5976
JS	MED	7005C
JSX	SOR	Orion 60 (JSX)
JU	MED	8320
KA	BIO	113875
KB or 415A	COR	415A
KC	BIO	113872
KC	BIO	118231
KC	BIO	119916
KC	COR	284A
KE	BIO	113870
KE	COR	342A7
KL	BIO	122411
KN	MED	5977
KS or 402B	COR	402B
KS or 402C	COR	402C
KS or 402D	COR	402D
KSX	SOR	ICV0011
KSX	SOR	POO59
KSX	SOR	POO0722

X-Ray ID	Mfr.	Model No.
LA	BIO	121392
LA	BIO	121722
LA	BIO	121723
LA	BIO	121725
LA	BIO	121726
LA	BIO	121728
LA	BIO	121729
LA	BIO	121731
LA	BIO	121732
LA	BIO	121734
LA	BIO	121735
LA	BIO	121994
LA	BIO	121996
LA	BIO	122277
LA	BIO	122278
LA	BIO	122390
LA	BIO	122397
LA	BIO	122399
LA	BIO	122401
LA	BIO	122403
LB or 330A	COR	330A

X-Ray ID	Mfr.	Model No.
LC	BIO	120070
LC	BIO	120081
LC	BIO	120082
LC	BIO	120083
LC	BIO	120084
LC	BIO	120085
LC	BIO	120086
LC	BIO	120741
LC	BIO	120742
LC	BIO	120744
LC	BIO	120745
LC	BIO	121889
LC	BIO	121891
LC	BIO	122069
LC	BIO	122070
LC	BIO	122276
LC	BIO	122310
LC	BIO	122311
LC	BIO	122312
LC	BIO	122313
LC	BIO	122314

X-Ray ID	Mfr.	Model No.
LC	BIO	122315
LC	BIO	122316
LC	BIO	122445
LE	BIO	122447
LE	BIO	122448
LE	BIO	122450
LE	BIO	122451
LE	BIO	122453
LE	BIO	122454
LE	BIO	122456
LE	BIO	122457
LE	BIO	122459
LE	BIO	122460
LE	BIO	122600
LE	BIO	122602
LE	BIO	122610
LE	BIO	331443
LE	BIO	331444
LE	BIO	331445
LE	BIO	331446
LE	BIO	331447

X-Ray ID	Mfr.	Model No.
LE	BIO	331598
LE	BIO	331599
LH	MED	5984LP
LK	BIO	116707
LK	BIO	116708
LK	BIO	116709
LK	BIO	116710
LL	MED	8322
LP	MED	5941
LP	BIO	116703
LP	BIO	116704
LP	BIO	116705
LP	BIO	116706
LS	SOR	VDR1
LSX	SOR	ICV0013
LSX	SOR	POO74
LU or 331A	COR	331A
MA	MED	5972
MB	COR	221A7
MC	COR	217A
MD	COR	221B7

X-Ray ID	Mfr.	Model No.
MD	MED	5973
MK	MED	5995VP
ML	COR	188A7
MM	COR	188B7
MM	PSI	2250L
MM	PSI	2252L
MM	PSI	2260L
MM	PSI	2262L
MM	PSI	2264L
MM	PSI	2308L
MM	PSI	2310L
MM	PSI	2318L
MM	PSI	2320L
MM	PSI	2350L
MM	PSI	2352L
MM	PSI	2360L
MM	PSI	2362L
MM	PSI	2364L
MM	PSI	2382
MT	MED	5992
MU	MED	5994VP

X-Ray ID	Mfr.	Model No.
NB	MED	5982
NC	MED	5983
NF	MED	5940
NX	MED	8316
NZ	MED	8317
OO	COR	236B7
P-101	CMD	P101
P-102	CMD	P102
PA	BIO	113716
PA	BIO	113717
PA	BIO	120846
PAF	MED	7940
PAP	MED	7941
PAT	MED	7942
PAU	MED	8940
PAV	MED	8941
PAW	MED	8942
PAY	MED	8948
PBD	MED	7944
PBE	MED	7945
PBF	MED	7946

X-Ray ID	Mfr.	Model No.
PBG	MED	8944
PBH	MED	8945
PBJ	MED	8946
PBM	MED	8081
PBR	MED	7950
PBV	MED	7951
PBW	MED	7952
PC	BIO	2224
PC	BIO	115186
PCR	MED	7970
PCT	MED	7972
PCT	MED	7974
PD	MED	5940LP
PDB	MED	7960i
PDC	MED	7961i
PDD	MED	7962i
PDE	MED	7964i
PDF	MED	7965i
PDG	MED	7966i
PDH	MED	7860
PDJ	MED	7861

X-Ray ID	Mfr.	Model No.
PDK	MED	7862
PDL	MED	7864
PDM	MED	7865
PDN	MED	7866
PDP	MED	7850
PDR	MED	7851
PDT	MED	7852
PDU	MED	8960i
PDV	MED	8961i
PDW	MED	8962i
PDY	MED	8964i
PEA	MED	8965i
PEB	MED	8966i
PEC	MED	8968i
PED	MED	8160
PEE	MED	8161
PEF	MED	8162
PEG	MED	8164
PEH	MED	8165
PEJ	MED	8166
PEK	MED	8168

X-Ray ID	Mfr.	Model No.
PEM	MED	8158
PER	MED	KDR401
PET	MED	KDR403
PEU	MED	KSR401
PEV	MED	8084
PEY	MED	8085
PF	COR	206A
PFA	MED	8086
PGD	MED	KSR403
PGE	MED	8079
PGH	MED	7968i
PGJ	MED	7088
PGK	MED	7089
PGL	MED	8088
PGM	MED	8089
PGP	MED	KDR720
PGR	MED	KDR721
PGT	MED	KDR700
PGU	MED	KDR701
PGU	MED	KDR701(VPP)
PGW	MED	KDR706

X-Ray ID	Mfr.	Model No.
PGW	MED	KDR706(VPP)
PGY	MED	KDR703(VPP)
PHA	MED	KDR730
PHB	MED	KDR731
PHD	MED	KDR733
PHE	MED	KDR600
PHF	MED	KDR601
PHG	MED	KDR606
PHH	MED	KDR603
PHJ	MED	KD700
PHK	MED	KD701
PHL	MED	KD706
PHM	MED	KD703
PHN	MED	KVDD700
PHP	MED	KVDD701
PHR	MED	KSR700
PHT	MED	KSR701
PHU	MED	KSR706
PHW	MED	KSR703
PI	COR	208A

X-Ray ID	Mfr.	Model No.
PIE	MED	7068
PIF	MED	7078
PJ	COR	184B
PJ	MED	8318
PJD	MED	SD203
PJD	MED	SD303
PJD	MED	SDR203
PJD	MED	SDR303
PJD	MED	SVDD303
PJE	MED	SDR306
PJG	MED	SS103
PJG	MED	SS203
PJG	MED	SSR203
PJG	MED	SSR303
PJH	MED	SS106
PJH	MED	SSR306
PK	COR	190E
PKM	MED	KDR901
PKN	MED	KDR903
PKP	MED	KDR906

X-Ray ID	Mfr.	Model No.
PKR	MED	KDR921
PKT	MED	KDR931
PKU	MED	KDR933
PKW	MED	KDR801
PKY	MED	KDR803
PL	COR	215A
PL1	CTM	PULSAR 1
PLA	MED	KDR806
PLB	MED	KD901
PLC	MED	KD903
PLD	MED	KD906
PLE	MED	KVDD901
PLF	MED	KSR901
PLG	MED	KSR903
PLH	MED	KSR906
PLJ	MED	KDR651
PLK	MED	KDR653
PMU	MED	E2DR21
PMV	MED	E2VDD01
PMW	MED	E2SR01

X-Ray ID	Mfr.	Model No.
PMY	MED	E2SR03
PN1	CTM	Pulsar N1
PNA	MED	E2SR06
PNB	MED	E2DR01
PNB	MED	E2DR03
PNF	MED	E2D01
PNG	MED	E2D03
PNH	MED	E2DR06
PNL	MED	E2DR31
PNM	MED	E2DR33
PNP	MED	P1501DR
PO	COR	190F
PPT	MED	E1DR21
PQ	COR	235A
PR	COR	236A7
PRA	MED	E1DR01
PRB	MED	E1DR03
PRE	MED	E1DR06
PT	COR	340A
PV or 334A	COR	334A

X-Ray ID	Mfr.	Model No.
PW	MED	7070
PWB	MED	ADD01
PWB	MED	ADDR01
PWB	MED	ADDR03
PWB	MED	ADDR06
PWB	MED	ADDRL1
PWB	MED	ADDRS1
PWB	MED	ADSR01
PWB	MED	ADSR03
PWB	MED	ADSR06
PWB	MED	ADVDD01
PWH	MED	VEDR01
PWL	MED	SED01
PWL	MED	SEDR01
PWL	MED	SEDRL1
PWL	MED	SES01
PWL	MED	SESR01
PX or 336A	COR	336A
PX or 336B	COR	336B
QE	MED	8412

X-Ray ID	Mfr.	Model No.
QF	MED	8413
QG	MED	8414
QW	MED	8300
QX	MED	8301
RF	MED	5968
RK	MED	5993SX
RSX	SOR	ICV0044
RZ	BIO	349799
RZ	BIO	349806
RZ	BIO	349811
S*00	PSI	2400L
S*00	PSI	2410L
S*02	PSI	2402L
S*02	PSI	2412
S*03	PSI	703K
S*03	PSI	703S
S*03	PSI	703T
S*04	PSI	704
S*04	PSI	2404L
S*04	PSI	2414

X-Ray ID	Mfr.	Model No.
S*05	PSI	2405M/S
S*05	PSI	2415
S*06	PSI	2406L
S*06	PSI	2416
S*07	PSI	207
S*07	PSI	2407M/S
S*07	PSI	2417
S*08	PSI	2408L
S*08	PSI	2418
S*08	PSI	208
S*09	PSI	209
S*17	PSI	217
S*18	PSI	718
S*18	PSI	718B
S*18	PSI	718L
S*19	PSI	619
S*25	PSI	625
S*25	PSI	2425T
S*25	PSI	2426T
S*25	PSI	2525T

X-Ray ID	Mfr.	Model No.
S*25	PSI	2535T
S*27	PSI	627
S*28	PSI	728
S*28	PSI	728T
S*28	SEL	728B
S*28	SEL	728K
S*28	SEL	728S
S*29	PSI	629
S*30	SEL	2030K
S*30	SEL	2030T
S*33	PSI	2033B
S*33	PSI	2033K
S*33	PSI	2033L
S*33	PSI	2033M
S*33	PSI	2033S
S*33	PSI	2033T
S*34	PSI	2034K
S*34	PSI	2034L
S*34	PSI	2034M
S*34	PSI	2034T

“*” in the X-Ray ID indicates the year of manufacture.

X-Ray ID	Mfr.	Model No.
S*36	SEL	2036K
S*36	SEL	2036T
S*37	PSI	2037B
S*37	PSI	2037K
S*37	PSI	2037M
S*37	PSI	2037S
S*37	PSI	2037T
S*37	SEL	2037L
S*37	SEL	2049K
S*37	SEL	2049T
S*38	PSI	2038K
S*38	PSI	2038L
S*38	PSI	2038M
S*38	PSI	2038T
S*40	PSI	2040K
S*40	PSI	2040M/S
S*40	PSI	2040T
S*45	PSI	2045K
S*45	PSI	2045M/S
S*45	PSI	2045T

X-Ray ID	Mfr.	Model No.
S*47	PSI	447
S*48	PSI	748
S*48	PSI	748B
S*48	PSI	748T
S*48	SEL	748K
S*48	SEL	748S
S*58	PSI	658M
S*58	PSI	658T
S*59	PSI	659
S*64	PSI	664
S*68	PSI	668
S*68	PSI	668B
S*68	SEL	608K
S*68	SEL	608S
S*68	SEL	608T
S*69	PSI	669
S*74	PSI	674
S*78	PSI	678
S*78	PSI	678B
S*86	PSI	686

X-Ray ID	Mfr.	Model No.
S*86	PSI	686L
S*87	PSI	187
S*88	PSI	688
S*88	PSI	688L
S*88	PSI	688T
S*89	PSI	689
S*89	PSI	689L
S*98	PSI	698
S*98	PSI	698L
SAPX	SOR	Orion 60 (SAPX)
SAX	SOR	ICV0082
SBPX	SOR	300
SBX(1)	SOR	ICV0081
SBX(1)	SOR	ICV0223
SCPX	SOR	40
SCX	SOR	ICV0080
SCX	SOR	ICV0222
SDAX	SOR	630
SDAX	SOR	630/A
SDPX	SOR	Physcr400(SDPX)

X-Ray ID	Mfr.	Model No.
SDX	SOR	ICV0047
SDX	SOR	ICV0048
SEAX	SOR	610/A
SEX	SOR	ICV0051
SEX	SOR	ICV0052
SFAX	SOR	216
SFAX	SOR	610
SFX	SOR	ICV0055
SFX	SOR	ICV0056
SGAX	SOR	620
SGAX	SOR	LIT 620/A
SGAY *	SOR	620/A
SGPX	SOR	Orion 60 (SGPX)
SGPX	SOR	SWING 100
SGPY	SOR	60B
SGX(1)	SOR	ICV0224
SGX(1)	SOR	ICV0225
SHAX	SOR	214
SHPX	SOR	35
SIAX	SOR	LIT 635 (SIAX)

“*” in the X-Ray ID indicates the year of manufacture.

X-Ray ID	Mfr.	Model No.
SIAY	SOR	635U
SIPX	SOR	30
SIX	SOR	ICV0328
SIX	SOR	ICV0329
SJPX	SOR	Orion 60 (SJPX)
SKPX	SOR	Orion 60 (SKPX)
SLAX	SOR	222
SLPX	SOR	Physcr400(SLPX)
SLPY	SOR	400L
SLX	SOR	ICV0507
SMAX	SOR	221
SNAX	SOR	10
SNPX	SOR	Orion 35 (SNPX)
SNPY	SOR	35B
SOAX	SOR	650A
SOAX	SOR	LIT 635 (SOAX)
SOAY	SOR	635B
SOPX	SOR	Orion 30 (SOPX)
SOPY *	SOR	30/A
SPPX	SOR	1
SRAX	SOR	650B

X-Ray ID	Mfr.	Model No.
SRX	SOR	ICV0509
SRX	SOR	ICV0510
SSPX	SOR	60
SSX	SOR	ICV0043
STPX	SOR	THEOREMA 90
SW	MED	7071
SX or YPX	SOR	36
SY37	PSI	637
SY57	PSI	657
SY77	PSI	677
SZPX	SOR	Physcr400(SZPX)
TAI	TPS	147
TAI	TPS	147B
TAI invert	TPS	147S
TAL	TPS	1256
TAW	TPS	1204
TBM	TPS	1254
TBP	TPS	155
TBP invert	TPS	155S
TBQ	TPS	6230
TCM	TPS	8218

X-Ray ID	Mfr.	Model No.
TCW	TPS	1206C
TCW	TPS	1210
TEL	TPS	1256D
TEM	TPS	8232
TEP or TBD	TPS	255
TET	TPS	6291
TG	MED	7000A
THJ	PSI	2102
THM	TPS	8224
THP	TPS	5281
THT	TPS	6292
THV	TPS	5241
TIL	TPS	1256B
TIP	TPS	5282
TIV	TPS	5242
TJJ	PSI	1102
TJT	TPS	258
TJV	TPS	5243
TJW	TPS	5282E
TKJ	PSI	2902
TKT	TPS	158

X-Ray ID	Mfr.	Model No.
TKW	TPS	5281E
TKZ	TPS	5282D
TLM	TPS	1206E
TLT	TPS	5282A
TLZ	TPS	5281D
TMJ	PSI	1902
TMM	TPS	1206M
TMZ	TPS	1230
TN	MED	7005
TPV	TPS	158C
TQM	TPS	1250H
TQT	TPS	9221
TQV	TPS	258C
TOZ	TPS	1206
TTI	TPS	247
TTV	TPS	5281C
TTZ	TPS	8220E
TV	MED	7026
TVI	TPS	147SA
TVM	TPS	1204H
TVT	TPS	5281B

X-Ray ID	Mfr.	Model No.
TWV	TPS	5282C
TWW	TPS	8223E
TVZ	TPS	8230
TWI	TPS	1202
TWQ	TPS	274
TWT	TPS	5281A
TWZ	TPS	8222
TY	MED	7027
TZP	TPS	174
TZP	TPS	174S
TZV	TPS	1250
TZW	TPS	6296
TZZ	TPS	8220
UA	MED	7100
UD	MED	7008
UE	MED	7006
UE	MED	7007
UH	MED	7100E
UQ	MED	8340
US	MED	8341
USX	SOR	ICV0042

X-Ray ID	Mfr.	Model No.
UU	MED	8342
UV	MED	8330
UX	MED	83313
V101	VIT	101
V104	VIT	104
V111	VIT	111
V114	VIT	114
V121	VIT	121
V123	VIT	123
V124	VIT	124
V201	VIT	201
V202	VIT	202
V203	VIT	203
V204	VIT	204
V205	VIT	205
V206	VIT	206
V3001	VIT	S3001
V3011	VIT	S3011
V311	VIT	311
V3121	VIT	S3121
V313	VIT	313

X-Ray ID	Mfr.	Model No.
V3131	VIT	S3131
V314	VIT	314
V315	VIT	315
V321	VIT	321
V323	VIT	323
V324	VIT	324
V400	VIT	400
V401	VIT	401
V500	VIT	500
V501	VIT	501
V503	VIT	503
V505	VIT	505
V515	VIT	515
V517	VIT	517
V519	VIT	519
V600	VIT	600
V6001	VIT	S6001
V6011	VIT	S6011
V611	VIT	611
V6120	VIT	S6120
V6121	VIT	S6121

X-Ray ID	Mfr.	Model No.
V6131	VIT	S6131
V614	VIT	614
V621	VIT	621
V6221	VIT	S6221
V623	VIT	623
V6231	VIT	S6231
V624	VIT	624
V6361	VIT	S6361
V700	VIT	700
V701	VIT	701
V703	VIT	703
V704	VIT	704
V705	VIT	705
V707	VIT	707
V800	VIT	800
V801	VIT	801
V911	VIT	911
V915	VIT	915
V919	VIT	919
V921	VIT	921
V931	VIT	931

X-Ray ID	Mfr.	Model No.
VA	VIT	130
VA	VIT	140
VB	MED	8329
VB	VIT	220
VB	VIT	221
VB	VIT	310
VB	VIT	410
VB	VIT	520
VB	VIT	521
VB	VIT	620
VB	VIT	627
VB	VIT	710
VB	VIT	720
VB	VIT	810
VB	VIT	820
VBA	VIT	550
VBB	VIT	551
VBC	VIT	552
VBE9	VIT	562
VBF	VIT	850
VBG	VIT	851

X-Ray ID	Mfr.	Model No.
VBH	VIT	852
VBJ	VIT	150
VBK	VIT	151
VBL	VIT	152
VBM	VIT	750
VBN	VIT	751
VBP	VIT	828
VBR	VIT	826
VBT	VIT	728
VBU	VIT	726
VBW	VIT	528
VBY	VIT	526
VC	VIT	102
VC	VIT	105
VC	VIT	108
VC	VIT	230
VC	VIT	232
VC	VIT	235
VC	VIT	340
VC	VIT	342
VC	VIT	345

X-Ray ID	Mfr.	Model No.
VC	VIT	530
VC	VIT	532
VC	VIT	535
VC	VIT	540
VC	VIT	542
VC	VIT	545
VC	VIT	560
VC	VIT	630
VC	VIT	640
VC	VIT	712
VC	VIT	715
VC	VIT	724
VC	VIT	730
VC	VIT	732
VC	VIT	740
VC	VIT	830
VC	VIT	840
VC	VIT	860
VC1122	VIT	C1122
VC1142	VIT	C1142
VC4122	VIT	C4122

X-Ray ID	Mfr.	Model No.
VC4142	VIT	C4142
VC5122	VIT	C5122
VCA	VIT	128
VCB	VIT	126
VCC	VIT	436
VCD	VIT	435
VCE	VIT	426
VCF	VIT	425
VCG	VIT	416
VCH	VIT	415
VCI	VIT	116
VCK	VIT	115
VDPG	VIT	DPG1
VP1122	VIT	P1122
VP1142	VIT	P1142
VP4122	VIT	P4122
VP4142	VIT	P4142
VSX	SOR	ICV0078
VSX	SOR	ICV0093
VT	SJM	5130
VT	SJM	5130L

X-Ray ID	Mfr.	Model No.
VT	SJM	5130R
VT	SJM	5131M/S
VT	SJM	5132L
VT	SJM	5132R
VT	SJM	5133M/S
VT	SJM	5136
VT	SJM	5138
VT	SJM	5142
VT	SJM	5226
VT	SJM	5226L
VT	SJM	5226R
VT	SJM	5230
VT	SJM	5230L
VT	SJM	5230R
VT	SJM	5231M/S
VT	SJM	5232L
VT	SJM	5232R
VT	SJM	5233M/S
VT	SJM	5326
VT	SJM	5326L
VT	SJM	5326R

X-Ray ID	Mfr.	Model No.
VT	SJM	5330
VT	SJM	5330L
VT	SJM	5330R
VT	SJM	5331M/S
VT	SJM	5332L
VT	SJM	5332R
VT	SJM	5333M/S
VT	SJM	5336
VT	SJM	5338
VT	SJM	5342
VT	SJM	5346
VT	SJM	5348
VT	SJM	5430
VT	SJM	5430i
VT	SJM	5432
VV	BIO	122544
VV	BIO	331439
VV	SJM	5056
VV	SJM	5156
VV	SJM	5157
VV	SJM	5160

X-Ray ID	Mfr.	Model No.
VV	SJM	5172
VV	SJM	5174
VV	SJM	5180
VV	SJM	5184
VV	SJM	5256
VV	SJM	5286
VV	SJM	5356
VV	SJM	5357
VV	SJM	5360
VV	SJM	5366
VV	SJM	5368
VV	SJM	5370
VV	SJM	5374
VV	SJM	5376
VV	SJM	5378
VV	SJM	5380
VV	SJM	5382
VV	SJM	5384
VV	SJM	5386
VV	SJM	5388
VV	SJM	5456

X-Ray ID	Mfr.	Model No.
VV	SJM	5456i
VV	SJM	5480
VVI3	CTM	300
VVI9	CTM	900
VVI9	CTM	L-600
VVI92	CTM	920
VVI9B	CTM	920-BP
VVIB	CTM	Ovalith BP
VVIP	CTM	Ovalith P
VVIP2	CTM	Ovalith P2
VW	SJM	5610
VW	SJM	5612
VW	SJM	5620
VW	SJM	5626
VW	SJM	5810
VW	SJM	5812
VW	SJM	5816
VW	SJM	5818
VW	SJM	5820
VW	SJM	5826
WJ	MED	8417

X-Ray ID	Mfr.	Model No.
WN	MED	8418
WSX	SOR	ICV0053
WSX	SOR	ICV0054
X51	CTM	VX5 105
X52	CTM	VX5 205
X53	CTM	VX5 305
XSX	SOR	ICV0079
XT	MED	8416
YE	MED	7074
YF	MED	7075
YSX	SOR	ICV0045
YSX	SOR	ICV0046
ZDX	SOR	ICV0049
ZSX	SOR	ICV0060
ZT	MED	8419
ZU	MED	8360

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
01	Nomos 01	VVI	BKNI	Bayonet	Uni	---	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
02	Nomos 02	VVI	---	Bayonet	Uni	---	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
03	Nomos 03	VVI	---	Bayonet	Uni	---	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
101	Ergos 01 UP	SSIR	---	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
102	Diplos 03	DDD	---	5	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
103	Ergos 01 BP	SSIR	---	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
104	Kalos 03 A	VVI	---	5	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
104B	Kalos 03 B	VVI	---	6	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
105	Ergos 01 A	SSIR	---	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
107A	Leukos 03 A	VVI	---	5	Uni	2	72	72/67	67.4 ppm
107B	Leukos 03 B	VVI	---	6	Uni	2	72	72/67	67.4 ppm
111	Ergos 02 UP	DDDR	---	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113	Ergos 02 BP	DDDR	---	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
115	Ergos 02 A	DDDR	---	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
121	Archos 06 A	AAI	---	5	Uni	2	72	72/67	67.4 ppm
121B	Archos 06 B	AAI	---	6	Uni	2	72	72/67	67.4 ppm
122	Eikos 03	AAI	---	Bayonet	Uni	---	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
124	Diplos 04	DDD	---	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
125	Leptos 01 A	VVI	---	5	Uni	2	70/62	70/62	11% Basic and Mag Rate Reduction
126	Leptos 01 B	VVI	---	6	Uni	2	70/62	70/62	11% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
129	Kalos 03 ABP	VVI	—	5Bif/Bi	Bi	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
130	Leptos 01 ABP	VVI	—	5Bif/Bi	Bi	2	70/62	70/62	11% Basic and Mag Rate Reduction
131	Leukos 03 ABP	VVI	—	5Bif/Bi	Bi	2	72	72/67	6% Basic and Mag Rate Reduction
145	Diplos 05	DDD	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
146	Diplos 05 B	DDD	—	6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
148	Diplos 05	DDD	—	5	Uni	2	PR/PR-11%	90/80	11% Basic and Mag Rate Reduction
151	Diplos M 05 UP	DDD	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
155	Diplos M 05 A	DDD	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
160	Neos LP ABP	VVI	—	5Bif/Bi	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
165	Neos LP 01 A	VVI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
166	Neos LP 01 B	VVI	—	6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
168	Gemnos 01	DDD	AA	IS-1	Uni/Bi	2	PR/PR	PR/PR-11%	11% Basic and Mag Rate Reduction
178	Diplos 06	DDD	—	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
200	Kalos 04 ABP	VVI	—	5Bif/Bi	Bi	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
205	Kalos 04 A	VVI	—	5	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
206	Kalos 04 B	VVI	—	6	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
211	Kalos 05 UP	VVI	—	IS-1	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
213	Kalos 05 BP	VVI	—	IS-1	Bi	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
215	Kalos 05 A	VVI	—	5	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
216	Kalos 05 B	VVI	—	6	Uni	2	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
300	Trios M 01 ABP	VVI	—	5Bif/Bi	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
301	Trios M 01 UP	VVI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
303	Trios M 01 BP	VVI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
305	Trios M 01 A	VVI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
306	Trios M 01 B	VVI	—	6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
311	Trios 02 UP	VVI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
313	Trios 02 BP	VVI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
315	Trios 02 A	VVI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
341L	IDP-44 L	VVI	—	Bayonet	Uni	—	70/61	70/61	12% Basic and Mag Rate Reduction
343	Chronos 04	VVI	BKC5	Bayonet	Uni	—	72	72/65	6% Basic and Mag Rate Reduction
343L	IDP-54 L	VVI	—	Bayonet	Uni	—	72	-12%	12% Basic and Mag Rate Reduction
344L	IDP-64 L	AAI	—	Bayonet	Uni	—	70/61	70/61	12% Basic and Mag Rate Reduction
400	Neos M 01 ABP	SSI	—	5Bif/Bi	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
401	Neos M UP	SSI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
403	Neos M 01 BP	SSI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
405	Neos M 01 A	SSI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
406	Neos M 01 B	SSI	—	6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
500	Neos 01 ABP	SSI	—	5Bif/Bi	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
501	Neos 01 UP	SSI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
503	Neos 01 BP	SSI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
505	Neos 01 A	SSI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
506	Neos 01 B	SSI	—	6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
511	Neos 02 UP	SSI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
513	Neos 02 BP	SSI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
515	Neos 02 A	SSI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
516	Neos 02 B	SSI	—	6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
533	Maestro II	DDDMO	CCS 533	IS-1	Uni	2	PR/PR	80/70	ERI Indicated by an Alternating Mag Rate of 70 & 80
534	Maestro II	DDDMO	CCS 534	IS-1	Bi	2	PR/PR	80/70	ERI Indicated by an Alternating Mag Rate of 70 & 80
543	Axios 04	VVI	BAK4	Bayonet	Uni	—	72	72/67	9% Basic and Mag Rate Reduction
601	Mikros 02 UP	SSI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
603	Mikros 02 BP	SSI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
605	Mikros 02 A	SSI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
701	Nanos 01 UP	SSI	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
703	Nanos 01 BP	SSI	—	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
705	Nanos 01 A	SSI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
740	Nomos 01	VVI	BKN1	Bayonet	Uni	—	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
743	Logos 01	VVI	BKL1	Bayonet	Uni	—	72	72/65	12% Basic and Mag Rate Reduction
805	Thermos 01 UP	SSIR	—	—	Uni	2	PR/PR-11%	PR/PR-11%	—
813	Thermos 01 UP	SSIR	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
823	Thermos 02 UP	SSIR	—	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2224	Dromos 03	VDD	PC	5	Uni	2	—	—	Gradual decrease in magnet rate
105421	Neos MLP 01 A	VVI	—	5	Uni	—	—	—	11% Basic and Mag Rate Reduction
105427	Neos MLP 01 B	VVI	—	5/6	Uni	—	—	—	11% Basic and Mag Rate Reduction
107158	Mikros-Biogd-A	SSI	—	—	Uni	2	PR/PR-11%	PR/PR-11%	—
108716	Neos MLP 01 UP	VVI	—	IS-1	Uni/Bi	2	—	—	11% Basic and Mag Rate Reduction
110026	Mikros-Biogd-UP	SSI	—	—	Uni	2	PR/PR-11%	PR/PR-11%	—
111762	Neos LP 02 A	VVI	—	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
111763	Neos LP 02 UP	VVI	—	—	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
111764	Leptos 02 A	VVI	—	5	Uni	2	70/62	70/62	Basic Rate 62 ppm w/o Mag Application
111765	Leptos 02	VVI	—	—	Uni	2	70/62	70/62	—
111780	Leptos 02 UP	VVI	—	IS-1	Uni	2	62	—	Basic Rate 62 ppm w/o Mag Application
111807	—	—	—	IS-1	Uni	2	—	—	—
112472	Gemnos 02	DDDR	AA	IS-1	Uni/Bi	2	PR/PR	PR/PR-11%	11% Basic and Mag Rate Reduction
112473	Ergos 03	DDDR	—	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
112518	Pikos 01	SSI	CA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
112519	Pikos 01	SSI	CA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
112548	Metros 01	SSIR	AC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
112621	Physios 01	DDD	AK	IS-1	Uni/Bi	2	—	—	11% Basic and Mag Rate Reduction
112622	Physios 01	DDD	AK	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
112650	Pikos E 01	SSI	AE	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
112651	Pikos E 01	SSI	AE	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
112681	Gemnos 03	DDD	AP	IS-1	Uni/Bi	2	PR/PR	PR/PR-11%	11% Basic and Mag Rate Reduction
112961	Thermos M 02	SSIR	CE	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113153	Physios 01	DDD	AK	IS-1	Uni/Bi	2	—	—	11% Basic and Mag Rate Reduction
113338	Leptos 02 BP	VVI	—	IS-1	Bi	2	62	—	Basic Rate 62 ppm w/o Mag Application
113403	Metros S 01	SSIR	CL	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113714	Pikos LP 01	SSI	EK	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113715	Pikos LP 01	SSI	EK	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113716	Pikos LPE 01	SSI	PA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113717	Pikos LPE 01	SSI	PA	---	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113719	Pikos XLP 01	VVI	EL	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113720	Pikos XLPE 01	VVI	EP	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113721	Pikos XLPE 01	VVI	EP	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113850	Ergos S 03	DDDR	EA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113870	Metros TC 01	SSIR	KE	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113872	Physios TC 01	DDD	KC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
113874	Gemnos TC 04	DDD	AK	IS-1	Uni/Bi	2	PR/PR	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
113875	Ergos TC 03	DDDR	KA	IS-1	Uni/Bi	2	PR/PR-11%	92/PR-11%	11% Basic and Mag Rate Reduction
114134	Pikos 01 A	SSI	CA	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
114139	Pikos 01 A	SSI	CA	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
114140	Pikos 01 A	SSI	CA	5	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
114141	Physios 01 A	DDD	AK	5	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction, Atrial Output Withheld
114142	Physios 01 A	DDD	AK	5	Uni	2	—	—	11% Basic and Mag Rate Reduction
114143	Physios 01 A	DDD	AK	5	Uni	2	PR/PR	PR/PR-11%	11% Basic and Mag Rate Reduction
115186	Dromos 03	VDD	PC	IS-1	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
116703	Dromos DR	DDDR	LP	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116704	Dromos DR	DDDR	LP	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116705	Dromos DR-A	DDDR	LP	5	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116706	Dromos DR-A	DDDR	LP	5	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116707	Dromos SR	SSIR	LK	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116708	Dromos SR	SSIR	LK	5/6	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116709	Dromos SR-B	SSIR	LK	5/6	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
116710	Dromos SR-B	SSIR	LK	5/6	Uni	2	—	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
117322	Pikos E 01 B	SSI	AE	5/6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
117323	Pikos E 01-B	SSI	AE	5/6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
117488	Dromos SL	VDD	CH	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
117489	Dromos SL	VDD	CH	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
118136	Pikos XLP 01 Plus	VVI	EL	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
118137	Pikos XLP 01 Plus	VVI	EL	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
118231	Physios CTM 01	DDD	KC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction

NBG Model No.	X-Ray Model Name	Code	ID	Connector	BOL/ERI Polarity	BOL/ERI Wrench	Rate	MAG Rate	Elective Replacement Indicator (ERI)
119214	Metros TC ++	SSIR	---	---	---	2	---	92/82	---
119314	Inos2 DR	DDDR	AR	IS-1	Uni/Bi	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
119315	Inos2 CLS/DR	DDDR	AR	IS-1	Uni/Bi	2	---	---	Mag Rate 80 ppm, 11% Basic Rate Reduction
119360	Dromos SL M7	VDD	CH	IS-1	A:Bi V:Uni	2	PR/	PR/PR-11%	11% Basic and Mag Rate Reduction
119361	Dromos SL M8	VDD	CH	IS-1	A:Bi V:Uni	2	PR/	PR/PR-11%	11% Basic and Mag Rate Reduction
119426	Logos	DDD	CV	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
119539	Metros TC Plus	SSIR	---	---	---	2	---	92/82	---
119916	Physios CTM 01	DDD	KC	IS-1	Uni/Bi	2	---	---	11% Basic and Mag Rate Reduction
120070	Actros SR-B	SSIR	LC	5/6	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120081	Actros SR	SSIR	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120082	Actros SR	SSIR	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120083	Actros DR	DDDR	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120084	Actros DR	DDDR	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120085	Actros SLR	VDDDR	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120086	Actros SLR	VDDDR	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
120176	Gemnos 04	DDD	AK	IS-1	Bi	2	---	---	---
120177	Gemnos TC 04	DDD	AK	IS-1	Bi	2	---	---	---
120340	Pikos LP 01 Plus	SSI	EK	IS-1	Uni/Bi	2	---	---	11% Basic and Mag Rate Reduction
120350	Pikos LP 01 Plus	SSI	EK	---	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
120499	Eikos SLD	DDD	CI	IS-1	A:Bi V:Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
120500	Eikos SLD	DDD	CI	IS-1	A:Bi V:Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction

NBG Model No.	X-Ray Model Name	Code	ID	Connector	BOL/ERI Polarity	BOL/ERI Wrench	Rate	MAG Rate	Elective Replacement Indicator (ERI)	
120741	Actros D	DDD	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
120742	Actros D	DDD	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
120744	Actros S	SSI	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
120745	Actros S	SSI	LC	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
120830	Pikos 01	SSI	CA	—	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction	
120837	Pikos E 01 B	SSI	AE	5/6	Uni	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction	
120842	Pikos LP 01	SSI	EK	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction	
120846	Pikos LP 01	SSI	PA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction	
120851	Dromos DR*	DDDR	—	IS-1	Bi	2/SD	—	—	—	
120856	Dromos SR*	SSIR	N/A	IS-1	Bi	2/SD	—	—	—	
120881	Physios CTM 01	DDD	CH	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction	
120904	Dromos DR-A*	DDDR	—	5	Uni	SD & 2	—	—	—	
120905	Gemnos 04	DDD	AK	IS-1	Bi	2	—	—	—	
121080	Logos	DDD	CV	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121392	Kairos DR-A	DDDR	LA	5	Uni	2	—	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121722	Kairos D	DDD	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121723	Kairos D	DDD	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121725	Kairos DR	DDDR	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121726	Kairos DR	DDDR	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121728	Kairos S	SSI	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	
121729	Kairos S	SSI	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)	

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
121731	Kairos SL	VDD	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121732	Kairos SL	VDD	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121734	Kairos SR	SSIR	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121735	Kairos SR	SSIR	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121889	Actros DA	DDD	LC	5	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121891	Actros S-B	SSI	LC	5/6	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121893	Actros D	DDD	—	IS-1	Bi	2	—	—	—
121894	Actros DR	DDDR	—	IS-1	Bi	2	—	—	—
121895	Actros S	SSICO	—	IS-1	Bi	2	—	—	—
121896	Actros SR	SSIR	—	IS-1	Bi	2	—	—	—
121900	Inos2 CLS	DDDR	—	—	Uni/Bi	—	—	—	—
121994	Kairos S	VVI	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
121996	Kairos SR	VVIR	LA	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
122069	Actros DR-A	DDDR	LC	5	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
122070	—	—	LC	5/6	Uni	2	—	—	—
122130	Inos2 CLS/DR	DDDR	AR	IS-1	Uni/Bi	2	—	—	Mag Rate 80 ppm (cycles 1-10) (see manual)
122131	Inos2 CLS/DR	DDDR	AR	IS-1	Uni/Bi	2	—	—	Mag Rate 80 ppm (cycles 1-10) (see manual)
122276	Actros DR-B	DDDR	LC	5/6	Uni	2	PR/PR-11%	PR/PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
122277	Kairos D-B	DDD	LA	5/6	Uni	2	—	—	Mag Rate 80 ppm (cycles 1-10) (see manual)
122278	Kairos DR-B	DDDR	LA	5/6	Uni	2	—	—	Mag Rate 80 ppm (cycles 1-10) (see manual)
122279	Logos B	DDD	EH	5/6	Uni	2	—	—	Mag Rate 80 ppm (cycles 1-10) (see manual)

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
122300	Protos	DDDR	EZ	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
122302	Protos	VVIR	EZ	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
122310	Actros D+	DDD	LC	IS-1	---	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122311	Actros DR+	DDDR	LC	IS-1	---	2	PR/PR-11%	10@90, PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
122312	Actros DR+ A	DDDR	LC	5	---	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122313	Actros S+	SSI	LC	IS-1	Uni/Bi	2	PR/PR-11%	10@90, PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
122314	Actros SR+	SSIR	LC	IS-1	Uni/Bi	2	PR/PR-11%	10@90, PR-11%	Mag Rate 80 ppm (cycles 1-10) (see manual)
122315	Actros SR+ B	SSIR	LC	IS-1	Uni	2	PR/PR-11%	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122316	Actros SLR+	VDDR	LC	IS-1	---	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122390	Kairos D-A	DDD	LA	5	Uni	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122397	Kairos S-A	SSI	LA	5	Uni	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122399	Kairos S-B	SSI	LA	5/6	Uni	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122401	Kairos SR-A	SSIR	LA	5	Uni	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122403	Kairos SR-B	SSIR	LA	5/6	Uni	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122411	Logos DS	AAD	KL	IS-1	Uni/Bi	2	---	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122445	Actros DR+ B	DDDR	LC	IS-1	Uni	2	PR/PR-11%	---	Mag Rate 80 ppm (cycles 1-10) (see manual)
122447	Philos D	DDD	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122448	Philos D	DDD	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122450	Philos DR	DDDR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122451	Philos DR	DDDR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122453	Philos S	SSI	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
122454	Philos S	SSI	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122456	Philos SLR	VDDR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122457	Philos SR	SSIR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122459	Philos SR	SSIR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122460	Philos SR	SSIR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122544	Philos DR-T	DDDR	VV	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122600	Philos DR-A	DDDR	LE	5	Uni	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122602	Philos DR-B	DDDR	LE	6	Uni	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
122610	Philos SR-B	SSIR	LE	6	Uni	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331439	Philos DR-T	DDDR	VV	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331443	Philos DR	DDDR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331444	Philos D	DDDR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331445	Philos SLR	VDDR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331446	Philos SR	SSIR	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331447	Philos S	SSI	LE	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331598	Philos DR-B	DDDR	LE	6	Uni	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
331599	Philos SR-B	SSIR	LE	6	Uni	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338843	Axios D	DDDR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338845	Axios DR	DDDR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338846	Axios DR	DDDR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338847	Axios S	SSI	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
338848	Axios S	SSI	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338849	Axios SLR	VDDR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338850	Axios SLR	VDDR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338851	Axios SR	SSIR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338852	Axios SR	SSIR	ER	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
341215	Prontos DR/CLS	DDDR	EZ	IS-1	Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
349799	Cylos DR	DDDR	RZ	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
349806	Cylos DR-T	DDDR	RZ	IS-1	Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
349811	Cylos VR	VVIR	RZ	IS-1	Uni/Bi	2	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
Archos 04	Archos 04	AAI	—	Bayonet	Uni	—	72	-6%	6% Basic and Mag Rate Reduction
Dromos	Dromos	VAT	—	Bayonet	Uni	—	60/55	-10%	10% Basic and Mag Rate Reduction
Dromos 02	Dromos 02	VAT	—	Bayonet	Uni	—	—	—	11% Basic and Mag Rate Reduction
Dromos 03	Dromos 03	VDD	—	5	—	2	—	—	11% Basic and Mag Rate Reduction
Eikos 03	Eikos 03	AAI	—	Bayonet	Uni	—	—	—	6% Basic and Mag Rate Reduction
Eikos 04 A	Eikos 04 A	AAI	—	5	Uni	2	PR/PR-6%	-6%	6% Basic and Mag Rate Reduction
Eikos 04 B	Eikos 04 B	AAI	—	6	Uni	2	PR/PR-6%	-12%	6% Basic and Mag Rate Reduction
IDP-44	IDP-44	VVI	—	Bayonet	Uni	—	—	70/61	12% Basic and Mag Rate Reduction
IDP-54	IDP-54	VVI	—	Bayonet	Uni	—	70/61	-12%	12% Basic and Mag Rate Reduction
IDP-54 L1	IDP-54 L1	VVI	—	Bayonet	—	—	70/63	70/63	12% Basic and Mag Rate Reduction
IDP-64	IDP-64	AAI	—	Bayonet	Uni	—	—	—	12% Basic and Mag Rate Reduction
IDP-84	IDP-84	VVI	—	Bayonet	Uni	—	—	—	12% Basic and Mag Rate Reduction

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
IDP-94	IDP-94	VVI	---	Bayonet	Uni	---	---	---	12% Basic and Mag Rate Reduction
IDP-144	IDP-144	VVI	---	Bayonet	Uni	---	-12	-12%	12% Basic and Mag Rate Reduction
IKP-51	IKP-51	VOO	---	Bayonet	Uni	---	70/61	-12%	12% Basic and Mag Rate Reduction
IKP-52	IKP-52	VVT	---	Bayonet	Uni	---	70/61	-12%	12% Basic and Mag Rate Reduction
IKP-53	IKP-53	VDT	---	Bayonet	Uni	---	70/61	-12%	12% Basic and Mag Rate Reduction
IKP-54	IKP-54	VVI	---	Bayonet	Uni	---	70/61	-12%	12% Basic and Mag Rate Reduction
IP-44	IP-44	VOO	---	Bayonet	Uni	---	---	---	12% Basic Rate Reduction
IP-45	IP-45	VOO	---	Bayonet	Uni	---	---	---	12% Basic Rate Reduction
IP-54	IP-54	VOO	---	Bayonet	Uni	---	---	---	12% Basic and Mag Rate Reduction
IRP-44	IRP-44	VVT	---	Bayonet	Uni	---	---	---	12% Basic and Mag Rate Reduction
IRP-54	IRP-54	VVT	---	Bayonet	Uni	---	---	---	9% Basic and Mag Rate Reduction
IVP-54	IVP-54	VDT	---	Bayonet	Uni	---	---	---	12% Basic and Mag Rate Reduction
IVP-64	IVP-64	VDT	---	Bayonet	Uni	---	---	---	6% Basic and Mag Rate Reduction
Kalos L	Kalos L	VVI	---	5, 6, or IS-1	Uni	6	PR/PR-6%	PR/PR-6%	6% Basic and Mag Rate Reduction
Leios 03 A	Leios 03 A	VVI	---	5	Uni	2	---	---	67.4 ppm
Leios 03 B	Leios 03 B	VVI	---	6	Uni	2	72	-12%	67.4 ppm
Leptos M 01	Leptos M 01	VVI	---	6	Uni	6	PR/PR-11%	PR/PR-11%	11% Basic and Mag Rate Reduction
Mikros 03	Mikros 03	VOO	---	Bayonet	Uni	---	90/80	---	Basic Rate Reduction to 80 ppm
Philos 01	Philos 01	VVI	---	Bayonet	Uni	---	PR/PR-11%	90/80	11% Basic and Mag Rate Reduction
Phylax	Phylax	AAI	---	Bayonet	Uni	---	70/63	-10%/-15%	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
S201	ALTRUA 20	SSIR	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S202	ALTRUA 20	DDDR	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S203	ALTRUA 20	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S204	ALTRUA 20	SSIR	BOS003	5/6 mm	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S205	ALTRUA 20	DDDR	BOS003	5/6 mm	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S206	ALTRUA 20	SSI	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S207	ALTRUA 20	DDD	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S208	ALTRUA 20	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S209	ALTRUA 20	DDD	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S401	ALTRUA 40	SSIR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S402	ALTRUA 40	DDDR	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S403	ALTRUA 40	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S404	ALTRUA 40	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S501	ALTRUA 50	SSIR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S502	ALTRUA 50	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S503	ALTRUA 50	DDD	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S504	ALTRUA 50	VDD	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S505	ALTRUA 50	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S506	ALTRUA 50	DDD	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S507	ALTRUA 50	VDD	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*S508	ALTRUA 50	SSI	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate

*Not approved for sale or market distribution in the United States.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
S601	ALTRUA 60	SSIR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S602	ALTRUA 60	DDDR	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S603	ALTRUA 60	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S604	ALTRUA 60	DDDR	BOS003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S605	ALTRUA 60	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
S606	ALTRUA 60	DDDR	BOS003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
101	Maestro	SSICO	CCS 101	5	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
105	Maestro	SSICO	CCS 105	5	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
106	Maestro	SSICO	CCS 106	5Bif/Bi	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
109	Maestro	SSICO	CCS 109	5	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
110	Maestro	SSICO	CCS 110	IS-1	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
115	Maestro	SSICO	CCS 115	IS-1	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
118	Maestro	SSICO	CCS 118	IS-1	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
119	Maestro	VVICO	CCS 119	6	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
205	Maestro	SSICO	CCS 205	5	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
206	Maestro	SSICO	CCS 206	5Bif/Bi	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
209	Maestro	SSICO	CCS 209	Special	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
210	Maestro	SSICO	CCS 210	IS-1	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
215	Maestro	SSICO	CCS 215	IS-1	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
218	Maestro	SSICO	CCS 218	IS-1	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
227	Maestro II	SSIMO	CCS 227	6	Uni	2	PR/PR	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
231	Maestro II	SSIOO	CCS 231	6	Uni	2 (1X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
232	Maestro II	SSIOO	CCS 232	IS-1	Bi	2	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
235	Maestro II	SSIMO	CCS 235	5	Uni	2	PR/PR	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
305	Maestro SAVVI	VDDCO	CCS 305	Special	Uni	2 (3X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
325	Maestro	VDDCO	CCS 325	Special	Uni	2 (3X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
333	Maestro II	VDDMO	CCS 333	IS-1	Uni	2 (3X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
501	Maestro	DDDCO	CCS 501	Special	Uni	2 (2X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
505	Maestro	DDDCO	CCS 505	5	Uni	2 (2X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
509	Maestro	DDDCO	CCS 509	Special	Uni	2 (2X)	PR/PR/50	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
533	Maestro II	DDDMO	CCS 533	IS-1	Uni	2	PR/PR	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80
534	Maestro II	DDDMO	CCS 534	IS-1	Bi	2	PR/PR	80/70	ERI Indicated by an Alternating Mag rate of 70 & 80

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
P101	Durapulse	VVI	P-101	5Bif/Bi	Uni	SD	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
P102	Durapulse	VVI	P-102	6	Bi	SD	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8619	Pinnacle	SSI	8619 CPM	5Bif/Bi	Uni	SD	PR/PR-10%	90/81	Single-step Drop in Paced/Mag Rate
8620	Pinnacle	SSI	8620 CPM	6	Bi	SD	PR/PR-10%	90/81	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
115	Ventriplex	VVI	—	6	Uni	2	—	78/73	Gradual Decrease in Mag Rate
116	Ventriplex	VVI	—	5Bif/Bi	Bi	2	—	78/73	Gradual Decrease in Mag Rate
215	Ventriplex	VVI	—	6	Uni	2	—	75/70	Gradual Decrease in Mag Rate
216	Ventriplex	VVI	—	5Bif/Bi	Bi	2	—	75/70	Gradual Decrease in Mag Rate
325	—	VVI	—	6	Uni	6	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
325C	—	VVI	—	6	Uni	6	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
325D	—	VVI	—	6	Uni	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
325T	325T	VVI	—	6	Uni	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
326	—	VVI	—	5Bif/Bi	Bi	6	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
326T	—	VVI	—	5Bif/Bi	Bi	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
327D	Ventriplex	VVI	—	6	Uni	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
327D(R)	Ventriplex (R)	VVI	—	6	Uni	2	PR/PR	PR/PR-9%	Gradual Decrease in Paced/Mag Rate
327T	Ventriplex (s/n H)	SSI	—	6	Uni	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
327T(HR/HT)	Ventriplex (s/n HR or HT)	SSI	—	6	Uni	2	PR/PR	PR/PR	PR/PR-9% Single-step Drop in Mag Rate
328T	Ventriplex	VVI	—	5Bif/Bi	Bi	—	PR/PR-8%	PR/PR-8%	Gradual Decrease in Paced/Mag Rate
329D	Ventriplex	VVI	—	5Bif/Bi	Bi	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
329T	Ventriplex (s/n K)	SSI	—	5Bif/Bi	Bi	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
329T(RK/TK)	Ventriplex (s/n RR or TR)	SSI	—	5Bif/Bi	Bi	2	PR/PR	PR/PR	PR/PR-9% Single-step Drop in Mag Rate
331T	Ventriplex	SSI	—	5	Uni	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Paced/Mag Rate
332T	Ventriplex (s/n S)	SSI	—	5Bif/Bi	Bi	2	PR/PR-7%	PR/PR-7%	Gradual Decrease in Mag Rate
332T(RR/TR)	Ventriplex (s/n RR or TR)	SSI	—	5Bif/Bi	Bi	2	PR/PR	PR/PR	PR/PR-9% Single-step Drop in Mag Rate
332T(RS/TS)	Ventriplex (s/n RS or TS)	SSI	—	5Bif/Bi	Bi	2	PR/PR	PR/PR	PR/PR-9% Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
333	VentriFlex	SSI	—	6	Uni	2	PR/PR	PR/PR-9%	Single-step Drop in Mag Rate
334	VentriFlex	SSI	—	5Bif/Bi	Bi	—	PR/PR-10%	PR/PR-10%	Single-step Drop in Mag Rate
340	MiniFlex	SSI	—	IS-1	Uni/Bi	2	PR/PR	100/90	Single-step Drop in Mag Rate
341	MiniFlex	SSI	—	5	Uni	2	PR/PR	100/90	Single-step Drop in Mag Rate
342	MiniFlex	SSI	—	5Bif/Bi	—	2	PR/PR	100/90	Single-step Drop in Mag Rate
400	AV Flex	DDD	—	5	Uni	2	PR/PR-4%	PR/PR-4%	Gradual Decrease in Paced/Mag Rate
412	AV Flex II	DDD	—	IS-1	Uni/Bi	—	PR/	100/90	Gradual Decrease in Paced/Mag Rate
500	Kelvin	SSIR	—	5CKP	Uni	2	PR/PR	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
502	Kelvin	SSIR	—	5CKP	Bi	2	PR/PR	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
503	Kelvin	SSIR	—	5CKP	Uni	2	PR/PR	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
504	Kelvin	SSIR	—	5CKP	Bi	2	PR/PR	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
513	Kelvin	SSIR	—	5CKP	Uni	2	PR/PR	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
514	Kelvin	SSIR	—	5CKP	Bi	2	PR/PR	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
602	Kelvin Lite	VVIR	—	5CKP	Bi	2	—	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp
604	Kelvin Lite	VVIR	—	5CKP	Bi	2	—	100/90	Abrupt decrease in Mag rate. Mode change to SSI, non-temp

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
300	Ovalith	VVI	VVI3	6	Uni	6	72/65	93/84	Gradual Decrease in Paced/Mag Rate
900	Ovalith	VVI	VVI9	6	Uni	6	72/65	93/84	Gradual Decrease in Paced/Mag Rate
920	Ovalith	VVI	VVI92	6	Uni	2	72/65	72/65	Gradual Decrease in Paced/Mag Rate
920-BP	Ovalith BP	VVI	VVI9B	5Bif/Bi	Bi	2	72/65	72/65	Gradual Decrease in Paced/Mag Rate
C-100	Ovalife	VVI	—	6	Uni	6	72/67	90/85	Gradual Decrease in Paced/Mag Rate
C-101	Ovalife	VVI	—	6	Uni	6	72/67	90/85	Gradual Decrease in Paced/Mag Rate
C-101-P	Ovalife	VVI	—	6	Uni	6	PR/PR-10%	PR/PR-10%	10% Basic and Mag Rate Reduction
L-500	—	VVI	—	6	Uni	6	72/65	93/84	Gradual Decrease in Paced/Mag Rate
L-501	—	VVI	—	6	Uni	6	72/65	93/84	Gradual Decrease in Paced/Mag Rate
L-600	—	VVI	VVI9	6	Uni	6	72/65	93/84	Gradual Decrease in Paced/Mag Rate
Ovalith BP	Ovalith BP	VVI	VVIB	5Bif/Bi	Bi	6	72/65	93/84	Gradual Decrease in Paced/Mag Rate
Ovalith P	Ovalith P	VVI	VVIP	6	Uni	SD	PR/PR-10%	PR/PR-10%	Gradual Decrease in Paced/Mag Rate
Ovalith P2	Ovalith P2	VVI	VVIP2	5Bif/Bi	Bi	SD	PR/PR-10%	PR/PR-10%	10% Basic and Mag Rate Reduction
Pulsar 1	Pulsar 1	DDD	PL1	5	Uni	2	PR/PR-10%	90/80	10% Basic and Mag Rate Reduction
Pulsar N1	Pulsar N1	DDD	PN1	5	Uni	2	PR/PR-10%	90/80	10% Basic and Mag Rate Reduction
VX5 105	VX5	VVI	X51	6	Uni	2	71/71	85/77	Gradual Decrease in Mag Rate
VX5 205	VX5	VVI	X52	5Bif/Bi	Bi	2	71/71	85/77	Gradual Decrease in Mag Rate
VX5 305	VX5	VVI	X53	6	Bi	2	71/71	85/77	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)	
184A	OmniStanicor-Nu	VVI	DH	6	Uni	6	PR/PR-10%	PR/N/A	Gradual Change in Paced Rate	
184B	OmniStanicor-Nu	VVI	PJ	6	Uni	6	PR/PR-10%	PR/N/A	Gradual Change in Paced Rate	
188A7	Stanicor Lambda	VVI	ML	6	Uni	6	70/68	70/68	Gradual Decrease in Paced/Mag Rate	
188B7	Stanicor Lambda	VVI	MM	6	Uni	6	70/68	70/68	Gradual Decrease in Paced/Mag Rate	
190A	Omni-Stanicor Lambda	VVI	DX	6	Uni	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate	
190E	Omni-Stanicor Lambda	VVI	PK	6	Uni	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate	
190F	Omni-Stanicor Lambda	VVI	PO	6	Uni	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate	
206A	Omni-Stanicor Lambda	VVI	PF	6	Uni	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate	
208A	Omni-Atricor LambdaVAT	PI	6	Uni	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate		
215A	Omni-Ect Lambda	SST	PL	6	Uni	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate	
217A	Omni-Stanicor Theta	VVI	MC	6	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate	
221A7	Stanicor Theta	VVI	MB	6	Uni	6	70/67	70/67	Gradual Decrease in Paced/Mag Rate	
221B7	Stanicor Theta	VVI	MD	6	Uni	6	70/67	70/67	Gradual Decrease in Paced/Mag Rate	
232A	Omni-Stanicor Theta	VVI	BZ	6C InLineBi	Bi	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate	
232B	Omni-Stanicor Theta	VVI	BZ	5Bif/Bi	Bi	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate	
233E	Sequicor Theta	DDD	HL	6	Uni	6	PR/PR	PR/PR-9%	Gradual Decrease in Paced/Mag Rate	
233F	Sequicor II	DDD	HK or 233F	6	Uni	6	PR/PR	70/62.5	Single-step Drop in Mag Rate	
233G	Sequicor III	DDD	HR	5	Uni	6	PR/PR	70/62.5	Single-step Drop in Mag Rate	
233GL	Sequicor III	DDD	JP	5	Uni	6	PR/PR	70/62.5	Single-step Drop in Mag Rate	
233GR	Sequicor III	DDD	JP	6	Uni	6	PR/PR	70/62.5	Single-step Drop in Mag Rate	
233GS	Sequicor III	DDD	JP	3.2C	Uni	6	PR/PR	70/62.5	Single-step Drop in Mag Rate	

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
233D	Sequicor Theta	DDD	HG	6	Uni	6	PR/PR	PR/PR-9%	Gradual Decrease in Paced/Mag Rate
234A	Omni-Orthocor	SSI	BV	6	Uni	6	PR/PR-10%	PR/PR-10%	Gradual Decrease in Paced/Mag Rate
235A	Omni-Stanicator Lambda VVI		PQ	6Bif	Bi	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate
235B	Omni-Stanicator Lambda VVI		HH	6C InLineBi	Bi	6	PR/PR-2%	PR/PR-2%	Gradual Decrease in Paced/Mag Rate
236A7	Stanicator Lambda	VVI	PR	6C InLineBi	Bi	6	70/68	70/68	Gradual Decrease in Paced/Mag Rate
236B7	Stanicator Lambda	VVI	OO	6Bif	Bi	6	70/68	70/68	Gradual Decrease in Paced/Mag Rate
237A	Omni-Stanicator Theta	VVI	CZ	6	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
238A7	Stanicator Q	VVI	JA	6	Uni	6	70/63	70/63	Gradual Decrease in Paced/Mag Rate
238B7	Stanicator Q	VVI	JB	6	Uni	6	70/63	70/63	Gradual Decrease in Paced/Mag Rate
240G	Sequicor IV	DDD	JM or 240G	3.2C	Uni/Bi	6	PR/PR	70/62.5	Gradual Decrease in Paced/Mag Rate
241A	Omni-Stanicator R	VVI	II	6	Uni	6	PR/PR-5%	PR/PR-5%	Gradual Decrease in Paced/Mag Rate
242A7	Stanicator R	VVI	ID	6	Uni	6	70/63	70/63	Gradual Decrease in Paced/Mag Rate
284A	Omni-Orthocor II	SSI	KC	6C InLineBi	Uni/Bi	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
308A	Omni-Atrcori Gamma	VAT	GG	5	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
330A	Multicor S	VVI	LB or 330A	5Bif/Bi	Bi	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
331A	Multicor S	VVI	LU or 331A	6	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
333B7	Stanicator Gamma	VVI	BX	6	Uni	6	70/67	70/67	Gradual Decrease in Paced/Mag Rate
333C7	Stanicator Gamma	VVI	BX	6	Uni	6	70/67	70/67	Gradual Decrease in Paced/Mag Rate
333D7	Stanicator Gamma	VVI	BX	6	Uni	6	70/67	70/67	Gradual Decrease in Paced/Mag Rate
334A	Omni-Stanicator Gamma VVI		PV or 334A	6	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
335B7	Stanicator Gamma	VVI	BW	5Bif/Bi	Bi	6	70/68	70/68	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
335D7	Stanicor Gamma	VVI	BW	5Bif/Bi	Bi	6	70/68	70/68	Gradual Decrease in Paced/Mag Rate
336A	Multicor Gamma	VVI	PX or 336A	6C InLineBi	Uni/Bi	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
336B	Multicor Gamma	VVI	PX or 336B	5Bif/Bi	Uni/Bi	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
337A	Multicor Gamma	VVI	JD or 337A	6	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
340A	Multicor Mini Gamma	VVI	PT	6	Uni	6	PR/PR-3%	PR/PR-3%	Gradual Decrease in Paced/Mag Rate
342A7	Stanicor S	VVI	KE	6	Uni	6	70/63	70/63	Gradual Decrease in Paced/Mag Rate
350A	Multicor ST	VVI	350A	3.2C	Uni/Bi	6	PR/PR	70/62.5	Gradual Decrease in Mag Rate
402A	Multicor II	SSI	HB	6C InLineBi	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
402B	Multicor II	SSI	KS or 402B	6C InLineBi	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
402C	Multicor II	SSI	KS or 402C	5Bif/Bi	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
402D	Multicor II	SSI	KS or 402D	3.2C	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
410A	Vicor	SSI	410A	VS-1A	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
410B	Vicor	SSI	410B	6C InLineBi	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
410D	Vicor	SSI	410D	VS-1A	Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
415A	Gemini (Theta)	DDD	KB or 415A	A:6 V:6L	A:Uni V:Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
418A	Gemini III	DDD	HC or 418A	3.2C	A:Uni V:Uni/Bi	6	PR/PR	70/62.5	Single-step Drop in Mag Rate
430A	Vektor	DDD	—	3.2LP	Bi	6	—	—	Abrupt Decrease in Mag Rate
1450A	Prism-CL	VVIR	450A	VS-1A	Uni/Bi	6	PR/82	100/82	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
60	Stilith	VVI	—	5	Uni	6	72/66	72/65	Gradual Decrease in Paced/Mag Rate
61	Stilith	VVI	—	5	Uni	6	72/66	72/66	Gradual Decrease in Paced/Mag Rate
70	Stilith	VVI	—	IS-1	Uni	6	70/65	70/65	Gradual Decrease in Paced/Mag Rate
112	Brio SR	SSIR	ELA 112	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to SSI 70
113	Talent SR	SSIR	ELA 113	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to SSI 70
120	Stilith	VVI	—	5	Uni	6	72/66	72/67	Gradual Decrease in Paced/Mag Rate
123	—	VVI	—	5	Uni	2	—	—	—
128	Stilith	VVI	—	5	Uni	6	72/66	72/66	Gradual Decrease in Paced/Mag Rate
133	Talent II SR	SSIR	ELA 133	IS-1	Uni/Bi	2	PR/SSI 70	96/80	Gradual change in magnet rate. Rate and Mode change to SSI 70
210	Talent D	DDD	ELA 210	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
212	Brio DR	DDDR	ELA 212	IS-1	Uni/Bi	2	PR/70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
213	Talent DR	DDDR	ELA 213	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
220	Brio D	DDD	ELA 220	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
222	Brio DR	DDDR	ELA 222	IS-1	Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
223	Talent DR	DDDR	ELA 223	IS-1	Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
230	Talent II D	DDD	ELA 230	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
233	Talent II	DDDR	ELA 233	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
243	Talent AF DR	DDDR	ELA 243	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
253	Talent 3 DR	DDDR	ELA 253	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
263	Talent 3 VDR	VDDR	ELA 263	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
570 NSM	Stimulith	VVI	---	Bayonet	Uni	---	70/62	70/62	Gradual Change in Paced/Mag Rate
1070 HSB	---	VVI	---	5Bif/Bi	Bi	---	70/63	70/63	---
1070 HSM	---	VVI	---	5	Uni	---	70/63	70/63	---
1070 NSB	---	VVI	---	5Bif/Bi	Bi	---	70/63	70/63	---
1070 NSM	---	VVI	---	5	Uni	---	70/63	70/63	---
1140	Multilith 1	SSI	ELA M1	5	Uni	6	PR/PR	86/77	Single-step Drop in Mag Rate
1141	Multilith 1	VVI	ELA M11	5	Uni	6	PR/PR	86/77	Single-step Drop in Mag Rate
1250	Multilith 2	SSI	ELA M2	5	Uni	2	PR/PR	86/77	Single-step Drop in Mag Rate
1251	Multilith 2	VVI	ELA 2WT	5	Uni	2	PR/PR	86/77	Single-step Drop in Mag Rate
1350	Multilith 3	SSI	ELA 1350	5	Uni	2	PR/PR	86/77	Single-step Drop in Mag Rate
1370	Multilith 3	SSI	ELAM 3	5	Uni	2	PR/PR	86/77	Single-step Drop in Mag Rate
2001	Opus	VVI	ELA 2001	5	Uni	2	PR/PR	90/80	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2003	Opus	VVI	ELA 2003	IS-1	Uni	2	PR/PR	90/80	Gradual Decrease in Mag Rate
2004	Opus	VVI	ELA 2004	IS-1	Bi	2	PR/PR	90/80	Gradual Decrease in Mag Rate
2130	Rhapsody S	SSI	ELA	IS-1	Uni/Bi	2	PR/SSI 70	96/80	Gradual change in magnet rate. Rate and Mode change to SSI 70
2140	Multilith 1	VVI	ELA M1B	5Bif/Bi	Bi	6	PR/PR	86/77	Single-step Drop in Mag Rate
2141	Multilith 1	VVI	—	5Bif/Bi	Bi	6	PR/PR	86/77	Single-step Drop in Mag Rate
2210	Rhapsody	SSIR	ELA	IS-1	Uni/Bi	2	PR/SSI 70	96/80	Gradual change in magnet rate. Rate and Mode change to SSI 70
2250	Symphony SR	SSIR	ELA	IS-1	Uni/Bi	2	PR/SSI 70	96/80	Gradual change in magnet rate. Rate and Mode change to SSI 70
2250 M	Multilith 2	VVI	ELA M2	5Bif/Bi	Bi	2	PR/PR	86/77	Single-step Drop in Mag Rate
2251	Multilith 2	VVI	ELA M2WT	5Bif/Bi	Bi	2	PR/PR	86/77	Single-step Drop in Mag Rate
2350	Symphony VDR	VDDR	ELA	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
2410	Rhapsody D	DDD	ELA	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
2450	Symphony D	DDD	ELA	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
2510	Rhapsody DR	DDDR	ELA	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
2530	Rhapsody+ DR	DDDR	ELA	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
2550	Symphony DR	DDDR	ELA	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
3001	Opus	SSI	ELA 3001	5	Uni	2	PR/PR	90/80	Gradual Decrease in Mag Rate
3003	Opus	SSI	ELA 3003	IS-1	Uni	2	PR/PR	90/80	Gradual Decrease in Mag Rate
3004	Opus	SSI	ELA 3004	IS-1	Bi	2	PR/PR	90/80	Gradual Decrease in Mag Rate
3350	Multilith 3	SSI	ELA 3350	IS-1 Comp	Bi	2	PR/PR	86/77	Single-step Drop in Mag Rate
3370	Multilith 3	SSI	ELA 3370	IS-1 Comp	Bi	2	PR/PR	86/77	Single-step Drop in Mag Rate
3371	—	DDD	ELA 3371	A:5 V:5/6	Uni	2	PR/PR-8%	90/80	Gradual Decrease in Mag Rate
4001	Opus	SSI	ELA 4001	5	Uni	2	PR/PR	90/80	Gradual Decrease in Mag Rate
4003	Opus	SSI	ELA 4003	IS-1	Uni	2	PR/PR	90/80	Gradual Decrease in Mag Rate
4004	Opus	SSI	ELA 4004	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4006	Opus	SSI	ELA 4006	6	Bi	—	—	—	Gradual Decrease in Mag Rate
4021	Opus	SSI	ELA 4021	5	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4023	Opus	SSI	ELA 4023	IS-1	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4024	Opus	SSI	ELA 4024	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4033	Opus	SSI	ELA 4033	IS-1	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4034	Opus	SSI	ELA 4034	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4121	Opus S	SSI	ELA 4121	5/6	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4124	Opus S	SSI	ELA 4124	IS-1	Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
4534	Opus RM	SSIR	ELA 4534	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Change in Paced/Mag Rate
4621	Opus G	SSIR	ELA 4621	5/6	Uni	—	—	—	Gradual Decrease in Mag Rate
4624	Opus G	SSIR	ELA 4624	IS-1	Bi	—	—	—	Gradual Decrease in Mag Rate
6001	Chorus	DDD	ELA 6001	5/6	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
6003	Chorus	DDD	ELA 6003	IS-1	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate
6004	Chorus	DDD	ELA 6004	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
6005	Chorus	DDD	ELA 6005	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Change in Paced/Mag Rate
6033	Chorus	DDD	ELA 6033	IS-1	Uni	2	PR/PR	96/80	Gradual Decrease in Mag Rate
6034	Chorus	DDD	ELA 6034	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
6035	Chorus	DDD	ELA 6035	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Change in Paced/Mag Rate
6234	Chorus II	DDD	ELA 623	IS-1	Uni/Bi	2	PR/PR	96/80	---
6244	Chorus II	DDD	ELA 6244	IS-1	Uni/Bi	2	PR/PR	96/80	---
6530	---	---	N/A	---	---	---	---	---	---
7034	Chorus RM	DDDR	ELA 7034	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
7134	Chorus RM	DDDR	ELA 7134	IS-1	Uni/Bi	2	PR/PR	96/80	Gradual Decrease in Mag Rate
7234	Chorum	DDDR	ELA 7234	IS-1	Uni/Bi	---	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
7334	Chorum	DDDR	ELA 7334	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
7434	Chorum	VDDR	ELA 7434	IS-1	Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
7520	Unilith 2	VVI	ELA U2	5	Uni	6	72/66	72/65	Gradual Decrease in Paced/Mag Rate
7522	Unilith 2	VVI	ELA U2B	5Bif/Bi	Bi	2	72/66	72/65	Gradual Decrease in Paced/Mag Rate
7530	Unilith	VVI	---	5	Uni	6	72/67	72/65	Gradual Decrease in Paced/Mag Rate
7532	Unilith	VVI	---	---	Bi	6	72/66	72/65	Gradual Decrease in Paced/Mag Rate
7540	Unilith	VVI	---	5	Uni	6	72/65	72/65	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
7542	Unilith	VVI	---	5Bif/Bi	Bi	6	72/65	72/65	Gradual Decrease in Paced/Mag Rate
7550	Unilith 2	VVI	ELA U2	5	Uni	2	72/68	72/68	Gradual Decrease in Paced/Mag Rate
7552	Unilith 2	VVI	ELA U2B	5Bif/Bi	Bi	2	72/68	72/68	Gradual Decrease in Paced/Mag Rate
7580	Unilith 3	VVI	ELA 7580	5	Uni	2	72/69	72/69	Gradual Decrease in Paced/Mag Rate
7583	Unilith 3	VVI	ELA 7583	IS-1	Bi	2	72/69	72/69	Gradual Decrease in Paced/Mag Rate
7680	Unilith 3	VVI	---	5	Uni	2	72/69	72/69	Gradual Decrease in Paced/Mag Rate
7683	Unilith 3	VVI	---	IS-1	Bi	2	72/69	72/69	Gradual Decrease in Paced/Mag Rate
7730	Unilith	VVI	---	5	Uni	6	72/68	72/65	Gradual Decrease in Paced/Mag Rate
7750	Unilith 2	VVI	---	---	Uni	2	72/68	72/68	Gradual Decrease in Paced/Mag Rate
7760	Unilith 2	VVI	ELA U2	5	Uni	2	72/68	72/68	Gradual Decrease in Paced/Mag Rate
7762	Unilith 2	VVI	ELA U2B	5Bif/Bi	Bi	2	72/68	72/68	Gradual Decrease in Paced/Mag Rate
Phisiolith	Phisiolith	DDD	---	---	Uni	2	---	---	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
0101	MaxiLith	VOO	CPI 101	6	Uni	6	72/66	—	Gradual Change in Paced Rate
0201	MaxiLith	VOO	CPI 201	5Bif/Bi	Bi	6	72/66	—	Gradual Change in Paced Rate
0301	MaxiLith	VVI	CPI 301	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0401	MaxiLith	VVI	CPI 401	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0427	Astra 2	VVI	CPI 427	IS-1 Comp	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0428	Astra 4	VVI	CPI 428	IS-1 Comp	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0429	Astra 6	SSI	CPI 429	IS-1 Comp	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0437	Astra T2	VVI	CPI 437	IS-1 Comp	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0438	Astra T4	VVI	CPI 438	IS-1 Comp	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0439	Astra T6	SSI	CPI 439	IS-1 Comp	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0443	Vista 4	VVI	CPI 443	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0444	Vista 6	SSI	CPI 444	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0445	Vista T	SSI	CPI 445	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0446	Vista T	SSI	CPI 446	IS-1 Comp	Bi	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0447	Vista T	SSI	CPI 447	5/6	Uni	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0448	Vista 6	SSI	CPI 448	IS-1 Comp	Bi	2	PR/PR	100/NA/85	Gradual Decrease in magnet rate
0449	Vista 6	SSI	CPI 449	5/6	Uni	2	PR/PR	100/NA/85	Gradual Decrease in magnet rate
0460	Vigor SSI	SSI	CPI 460	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0465	Vigor SSI	SSI	CPI 465	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0470	PULSAR	SSI	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
0476	MERIDIAN	SSI	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
0481	DISCOVERY II	SSI	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
0482	INSIGNIA I AVT	SSI	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0484	INSIGNIA I Entra	SSI	GDT 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0485	INSIGNIA I Entra	SSI	GDT 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0501	MiniLith	VVI	CPI 501	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0502	MiniLith	VVI	CPI 502	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0503	MiniLith	VVI	CPI 503	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0504	MiniLith	VVI	CPI 504	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0505	MicroLith-P	VVI	CPI 505	6	Uni	6	PR/PR	100/90/85	Two-step Change in Mag Rate
0507	MicroLith-D	VVI	CPI 507	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0508	MiniLith	VVI	CPI 508	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0509	Microlith-DX	VVI	CPI 509	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0510	MicroThin-MP	VVI	CPI 510	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0520	MicroThin-D1	VVI	CPI 520	6	Uni	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0521	MicroThin-D2	VVI	CPI 521	6	Uni	SD	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0522	MicroThin-P1	VVI	CPI 522	6	Uni	6/SD	PR/PR	100/90/85	Two-step Change in Mag Rate
0523	MicroThin-P2	VVI	CPI 523	6	Uni	SD	PR/PR	100/90/85	Two-step Change in Mag Rate
0525	Command NP	VVI	CPI 525	6	Uni	2	72/72	100/90/85	Two-step Change in Mag Rate
0527	Astra 2	VVI	CPI 527	6	Uni	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Mag Rate
0528	Astra 4	VVI	CPI 528	6	Uni	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0529	Astra 6	SSI	CPI 529	6	Uni	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
0530	Command-P5	SSI	CPI 530	6	Uni	2/SD	PR/PR	100/90/85	Two-step Change in Mag Rate
0531	Command Ultra I	SSI	CPI 531	6	Uni	2	PR/PR-11%	100/NA/85	Gradual Decrease in Mag Rate; Abrupt Decrease in Paced Rate
0537	Astra T2	VVI	CPI 537	6	Uni	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0538	Astra T4	VVI	CPI 538	6	Uni	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0539	Astra T6	SSI	CPI 539	6	Uni	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0601	MiniLith	VVI	CPI 601	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0602	MiniLith	VVI	CPI 602	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0603	MiniLith	VVI	CPI 603	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0604	MiniLith 5	VVI	CPI 604	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0605	MicroLith-P	VVI	CPI 605	5Bif/Bi	Bi	6	PR/PR	100/90/85	Two-step Change in Mag Rate
0607	MicroLith-D	VVI	CPI 607	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0608	MiniLith	VVI	CPI 608	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0609	Microlith DX	VVI	CPI 609	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0620	MicroThin-D1	VVI	CPI 620	5Bif/Bi	Bi	6	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0621	MicroThin-D2	VVI	CPI 621	5Bif/Bi	Bi	SD	72/66	86/NA/80	Gradual Change in Paced/Mag Rate
0622	MicroThin-P1	VVI	CPI 622	5Bif/Bi	Bi	6/SD	PR/PR	100/90/85	Two-step Change in Mag Rate
0623	MicroThin-P2	VVI	CPI 623	5Bif/Bi	Bi	SD	PR/PR	100/90/85	Two-step Change in Mag Rate
0625	Command NP	VVI	CPI 625	5Bif/Bi	Bi	2	72/72	100/90/85	Two-step Change in Mag Rate
0627	Astra 2	VVI	CPI 627	5Bif/Bi	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0628	Astra 4	VVI	CPI 628	5Bif/Bi	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0629	Astra 6	SSI	CPI 629	5Bif/Bi	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
0630	Command-P5	SSI	CPI 630	5Bif/Bi	Bi	2/SD	PR/PR	100/90/85	Two-step Change in Mag Rate
0631	Command Ultra I	SSI	CPI 631	5Bif/Bi	Bi	2	PR/PR-11%	100/NA/85	Gradual Decrease in Mag Rate; Abrupt Decrease in Paced Rate
0635	Command Ultra I	SSI	CPI 635	IS-1 Comp	Bi	2	PR/PR-11%	100/NA/85	Gradual Decrease in Mag Rate; Abrupt Decrease in Paced Rate
0637	Astra T2	VVI	CPI 637	5Bif/Bi	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0638	Astra T4	VVI	CPI 638	5Bif/Bi	Bi	2	PR/PR-12.5%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0639	Astra T6	SSI	CPI 639	5Bif/Bi	Bi	2	PR/PR-12%	100/NA/87.5	Single-step Drop in Paced/Mag Rate
0702	MiniLith	VOO	CPI 702	6	Uni	6	72/66	—	Gradual Change in Paced Rate
0703	MicroLith-A	VOO	CPI 703	6	Uni	6	72/66	—	Gradual Change in Paced Rate
0802	MiniLith	VOO	CPI 802	5Bif/Bi	Bi	6	72/66	—	Gradual Change in Paced Rate
0803	MicroLith-A	VOO	CPI 803	5Bif/Bi	Bi	6	72/66	—	Gradual Change in Paced Rate
0870	PULSAR	VDD	CPI 001	IS-1 Comp	A:Uni/Bi V:Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
0882	*INSIGNIA I AVT	VDD	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0910	Ultra II	VDD	CPI 0910	5	Uni	2	PR/PR-11%	100/NA/85	Gradual Decrease in Mag Rate; Abrupt Decrease in Paced Rate
0925	Delta	DDD	CPI 0925	IS-1 Comp	Uni/Bi	2	PR/PR	96/90/85	Gradual Decrease in Mag Rate
0926	Delta T	DDD	CPI 926	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0927	Delta TRS	DDD	CPI 927	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0928	Delta TRS	DDD	CPI 928	5/6	Uni	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0936	Delta T	DDD	CPI 936	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0937	Delta TRS	DDD	CPI 937	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate

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Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
0938	Delta TRS	DDD	CPI 938	5/6	Uni	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0940	Vista DDD	DDD	CPI 940	IS-1 Comp	Bi	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0941	Vista DDD	DDD	CPI 941	IS-1 Comp	Uni(P) Uni/Bi(S)	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0942	Vista DDD	DDD	CPI 942	5/6	Uni	2	PR/PR	100/90/85	Gradual Decrease in Mag Rate
0950	Vigor DDD	DDD	CPI 950	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0955	Vigor DDD	DDD	CPI 955	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0970	PULSAR	DDD	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Ratee
0972	PULSAR	DDD	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
0976	MERIDIAN	DDD	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
0981	DISCOVERY II	DDD	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
0982	INSIGNIA I AVT	DDD	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0985	INSIGNIA I Entra	DDD	GDT 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
0986	INSIGNIA I Entra	DDD	GDT 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1000	RS-4	VDD	CPI 1000	Special	Tri	6	65/65	85/NA/79	Gradual Decrease in Mag Rate
1100	Precept VR	SSIR	CPI 1100	IS-1 Comp	Tri	2	PR/PR	100/NA/85	Gradual Decrease in Mag Rate
1118	Excel VR	SSIR	CPI 1118	5/6	Uni	2	PR/PR	100/NA/85	Gradual Decrease in Mag Rate
1119	Excel VR	SSIR	CPI 1119	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Gradual Decrease in Mag Rate
1120	Excel VR	SSIR	CPI 1120	IS-1 Comp	Bi	2	PR/PR	100/NA/85	Gradual Decrease in Mag Rate
1123	Triumph VR	SSIR	CPI 3	IS-1	Uni PR/PR-10% (SSI)	2	PR/65 (SR) PR/PR-20% (SSI)	85/65 (SR)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
1124	Triumph VR	SSIR	CPI 0	IS-1 Comp	Uni/Bi PR/PR-10% (SSI)	2	PR/65 (SR) PR/PR-20% (SSI)	85/65 (SR)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
1125	Triumph VR	SSIR	CPI 1	5/6	Uni	2	PR/65 (SR) PR/PR-10% (SSI)	85/65 (SR) PR/PR-20% (SSI)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
1126	Triumph VR	SSIR	CPI 2	5Bif/Bi	Uni/Bi	2	PR/65 (SR) PR/PR-10% (SSI)	85/65 (SR) PR/PR-20% (SSI)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
1130	Vigor SR	SSIR	CPI 1130	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1135	Vigor SR	SSIR	CPI 1135	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1170	PULSAR MAX	SSIR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1171	PULSAR MAX	SSIR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1172	PULSAR	SSIR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1174	DISCOVERY	SSIR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1175	DISCOVERY	SSIR	CPI 001	5/6	Uni	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1176	MERIDIAN	SSIR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1180	PULSAR MAX II	SSIR	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1181	PULSAR MAX II	SSIR	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1184	DISCOVERY II	SSIR	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1185	DISCOVERY II	SSIR	GDT 002	5/6	Uni	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1186	DISCOVERY II	SSIR	GDT 002	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1187	DISCOVERY II	SSIR	GDT 002	5Bif/Bi	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1190	INSIGNIA I Ultra	SSIR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*1192	INSIGNIA I AVT	SSIR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1194	INSIGNIA I Plus	SSIR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1195	INSIGNIA I Entra	SSIR	GDT 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate

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Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
1198	INSIGNIA I Entra	SSIR	GDT 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1200	Precept DR	DDDR	CPI 1200	IS-1 Comp	(A)Uni/Bi (V)Tri	2	PR/PR	100/NA/85	Gradual Decrease in Mag Rate
1223	Triumph DR	DDDR	CPI 6	IS-1	Uni	2	PR/65 VVI	85/75/65	BOL: 3@ 85ppm +10%, then 85 DDD(R) or PR (D/V) VI (R). ERN: 3 @ 75 ppm +10%, then 75 (D/V) OO. ERI: 3 @65ppm + 1-%, then 65 (VOO)
1224	Triumph DR	DDDR	CPI 4	IS-1 Comp	Bi	2	PR/65 VVI	85/75/65	BOL: 3@ 85ppm +10%, then 85 DDD(R) or PR (D/V) VI (R). ERN: 3 @ 75 ppm +10%, then 75 (D/V) OO. ERI: 3 @65ppm + 1-%, then 65 (VOO)
1225	Triumph DR	DDDR	CPI 5	5/6	Uni	2	PR/65 VVI	85/75/65	BOL: 3@ 85ppm +10%, then 85 DDD(R) or PR (D/V) VI (R). ERN: 3 @ 75 ppm +10%, then 75 (D/V) OO. ERI: 3 @65ppm + 1-%, then 65 (VOO)
1226	Prelude DR	DDDR	CPI 7	IS-1 Comp	Uni/Bi	2	PR/65 VVI	85/NA/65	Single-step Drop in Paced/Mag Rate
1227	Prelude DR	DDDR	CPI 8	5/6	Uni	2	PR/65 VVI	85/NA/65	Single-step Drop in Paced/Mag Rate
1229	Prelude DR	DDDR	CPI 9	IS-1	Uni	2	PR/65 VVI	85/NA/65	Single-step Drop in Paced/Mag Rate
1230	Vigor DR	DDDR	CPI 1230	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1232	Vigor DR	DDDR	CPI 1232	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1235	Vigor DR	DDDR	CPI 1235	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1270	PULSAR MAX	DDDR	CPI 001 IS-1 or	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1272	PULSAR	DDDR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1273	DISCOVERY	DDDR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1274	DISCOVERY	DDDR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1275	DISCOVERY	DDDR	CPI 001	5/6	Uni	2	PR/PR	100/NA/85	Single-step drop in Mag Rate
1276	MERIDIAN	DDDR	CPI 001	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
1280	PULSAR MAX II	DDDR	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in mag rate
1283	DISCOVERY II	DDDR	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in mag rate
1284	DISCOVERY II	DDDR	GDT 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in mag rate
1285	DISCOVERY II	DDDR	GDT 002	5/6	Uni	2	PR/PR	100/NA/85	Single-step drop in mag rate
1286	DISCOVERY II	DDDR	GDT 002	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step drop in mag rate
1290	INSIGNIA I Ultra	DDDR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1291	INSIGNIA I Ultra	DDDR	GDT 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
*1292	INSIGNIA I AVT	DDDR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1294	INSIGNIA I Entra	DDDR	GDT 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1295	INSIGNIA I Entra	DDDR	GDT 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1296	INSIGNIA I Entra	DDDR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1297	INSIGNIA I Plus	DDDR	GDT 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1298	INSIGNIA I Plus	DDDR	GDT 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
203-01	CMOS-1	VVI	—	—	Uni	6	—	—	Gradual Decrease in Mag Rate
211-01	CMOS-1	VVI	—	6	Uni	6	70/67	70/NA/67	Gradual Change in Paced/Mag Rate
221-02	CMOS-1	VVI	—	5	Uni	6	72/67	70/NA/67	Gradual Change in Paced/Mag Rate
221-01	CMOS-1	VVI	—	6	Uni	6	72/67	70/NA/67	Gradual Change in Paced/Mag Rate
222-01	CMOS-1	VVI	—	5Bi/Bi	Bi	6	72/67	70/NA/67	Gradual Change in Paced/Mag Rate
223-04	InterLith TL	VVI	—	6	Uni	6/SD	71/66	71/NA/66*	Gradual Change in Paced/Mag Rate
223-02	InterLith HO	VVI	—	6	Uni	6/SD	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate

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Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
223-01	InterLith	VVI	---	6	Uni	6/SD	71/66	71/NA/66*	Gradual Change in Paced/Mag Rate
224-01	InterLith	VVI	---	5Bif/Bi	Bi	6/SD	71/66	71/NA/66*	Gradual Change in Paced/Mag Rate
224-02	InterLith HO	VVI	---	5Bif/Bi	Bi	6/SD	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate
225-01	ThinLith	VVI	---	6	Uni	6/SD	71/68	71/NA/68*	Gradual Change in Paced/Mag Rate
227-01	ThinLith II	VVI	227-01	6	Uni	6/SD	71/65	71/NA/65*	Gradual Change in Paced/Mag Rate
227-05	ThinLith II	VVI	227-05	6	Uni	6/SD	72/72	90/NA/83*	Gradual Decrease in Mag Rate
228-01	ThinLith II	VVI	---	6 InLineBi	Bi	6/SD	70/67.5	70/NA/67*	Gradual Change in Paced/Mag Rate
229-01	ThinLith III	VVI	229-01	6	Uni	6/SD	71/65	71/NA/65*	Gradual Change in Paced/Mag Rate
229-05	ThinLith III	VVI	229-05	6	Uni	6/SD	72/72	90/NA/83*	Gradual Decrease in Mag Rate
230-05	ThinLith III	VVI	230-05	5Bif/Bi	Bi	2	PR/<PR	90/NA/83	Gradual Change in Paced/Mag Rate
231-01	UniLith	VVI	---	6	Uni	6/SD	71/66	71/NA/66*	Gradual Change in Paced/Mag Rate
233-01	ThinLith IV	VVI	---	5/6	Uni	6/SD	71/68	71/NA/68*	Gradual Change in Paced/Mag Rate
233-02	ThinLith IV	VVI	---	6	Uni	6/SD	71/65	90/NA/65	Gradual Change in Paced/Mag Rate
233-05	ThinLith IV	VVI	233-05	5/6	Uni	6/SD	72/72	90/NA/67*	Gradual Decrease in Mag Rate
235-01	Prima	VVI	235-01	6	Uni	SD	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate
235-02	Prima	VVI	235-02	5	Bi	SD	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate
236-02	Prima	VVI	236-02	5Bif/Bi	Bi	SD	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate
251-01	InterLith RP	VVI	---	6	Uni	6/SD	PR/PR-7%	PR/NA/PR-7%	Gradual Change in Paced/Mag Rate
251-02	InterLith RP	VVI	251-02	5/6	Uni	6/SD	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate
252-01	InterLith RP	VVI	---	5Bif/Bi	Bi	6	72/67	72/NA/67*	Gradual Change in Paced/Mag Rate
253-01	CyberLith I	VVI	253-01	6	Uni	6/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate

*ERI magnet rates are unique for each of these devices. Contact Boston Scientific CRM Technical Services to find the ERI magnet rate for a specified serial number.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
253-02	CyberLith I	VVI	253-02	6	Uni	6/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
253-03	CyberLith I	VVI	—	6	Uni	5/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
253-04	CyberLith I	VVI	253-04	6	Uni	5/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
253-05	CyberLith	VVI	253-05	6	Uni	5/SD	PR/PR	90/NA/84*	Gradual Decrease in Mag Rate
253-07	CyberLith	VVI	253-07	6	Uni	5/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
253-09	Quantum	VVI	253-09	6	Uni	5/SD	PR/PR	86/86-80/80	Gradual Decrease in Mag Rate
253-11	CyberLith	VVI	—	6	Uni	6/SD	PR/PR	90/NA/83	Gradual Decrease in Mag Rate
253-19	Quantum	VVI	253-19	6	Uni	SD	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate
253-19V	Quantum	VVI	—	6C	Uni	SD	—	—	Gradual Decrease in Mag Rate
253-21	SuPrima	VVI	253-21	6	Uni	5/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
253-23	SuPrima II	VVI	253-23	6	Uni	SD	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate
253-25	Quantum II	SSI	ICP	IS-1	Uni	SLC	PR/PR	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
254-02	CyberLith	VVI	—	5Bif/Bi	Bi	2/SST	—	—	Gradual Decrease in Mag Rate
254-06	CyberLith	VVI	254-06	6 InLineBi	Bi	5/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
254-07	CyberLith	VVI	254-07	5Bif/Bi	Bi	2/SST	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
254-09	Quantum	VVI	254-09	5Bif/Bi	Bi	2	PR/PR	86/86-80/80	Gradual Decrease in Mag Rate
254-10	Quantum	VVI	254-10	6	Bi	6/SD	PR/PR	86/86-80/80	Gradual Decrease in Mag Rate
254-18	Quantum	VVI	254-18	5Bif/Bi	Bi	SD	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate
254-20	Quantum	VVI	254-20	6	Bi	SD	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate
254-20V	Quantum	VVI	ICG	IS-1	Bi	SLC	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate

*ERI magnet rates are unique for each of these devices. Contact Boston Scientific CRM Technical Services to find the ERI magnet rate for a specified serial number.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
254-22	SuPrima	VVI	254-22	5Bif/Bi	Bi	5/SST	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
254-24	SuPrima	VVI	254-24	6 InLineBi	Bi	5/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate
254-26	SuPrima II	VVI	254-26	5Bif/Bi	Bi	SD	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate
254-27	Quantum III	SSI	ICX	IS-1	Uni/Bi	SLC	PR/PR	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
254-27E	Quantum III	SSI	ICX	IS-1	Uni/Bi	SLC	PR/PR	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
254-28	SuPrima II	VVI	254-28	6 InLineBi	Bi	SD	PR/PR	87/87-80/80	Gradual Decrease in Mag Rate
254-30	Quantum II	SSI	ICU	IS-1	Bi	SLC	PR/PR	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
254-31	SuPrima III	VVI	IET	IS-1	Uni/Bi	SLC	PR/PR	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
259-01	CyberLith IV	DVI	—	6	Uni	SD	PR/PR	90/90-78/78 (SN<25,000*) 90/90-83/83 (SN>25,000*)	Gradual Decrease in Mag Rate
262-01	Cybertach 60	AAI	—	5Bif/Bi	Bi	SD	PR/PR	PR/NA/-4.5	Gradual Decrease in Mag Rate
262-12	Intertach	AAI	262-12	6	Bi	SD	PR/PR+51ms	PR/NA/65	Mag Rate @ BOL = Prog Rate, @ ERI = 90
262-14	Intertach	VVI	262-14	6	Bi	SD	PR/PR+51ms	PR/NA/65	Mag Rate @ BOL = Prog Rate, @ ERI = 90
262-16	Intertach II	AAI	IEG	IS-1	Bi	SLC	PR/PR+51ms	PR/NA/65	Mag Rate @ BOL = Prog Rate, @ IFI = 90, @ ERI = 80
262-16R	Intertach II	AAI	IES	6In-Line/3.2LP/IS-1	Bi	2	PR/PR+51ms	PR/NA/65	Mag Rate @ BOL = Prog Rate, @ IFI = 90, @ ERI = 80
262-18	Intertach II	AAI	IEH	IS-1	Bi	SLC	PR/PR+51ms	PR/NA/80	Mag Rate @ BOL = Prog Rate, @ IFI = 90, @ ERI = 80
263-01	Avius	DVI	263-01	5	Uni	2/SD	PR/PR	90/NA/83*	Gradual Decrease in Mag Rate

*ERI magnet rates are unique for each of these devices. Contact Boston Scientific CRM Technical Services to find the ERI magnet rate for a specified serial number.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
271-03	Galaxy	DDD	271-03	5	Uni	2/SST	PR/PR (SSI)	PR/90/80	Mag Rate @ BOL = Prog Rate, @ IFI = 90, @ ERI = 80
281-01	Nova	SSI	281-01	6	Uni	SD	PR/65	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
281-03	Nova II	SSI	ICC	IS-1 Comp	Uni	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
281-05	Nova II	SSI	ICK	IS-1	Uni	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
281-05s	Nova II	SSI	ICZ	6	Uni	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
281-07	Nova III	SSI	IFS	6	Uni	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
282-02	Nova	SSI	282-02	6	Bi	SD	PR/65 (SSI)	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
282-04	Nova II	SSI	ICE	IS-1	Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
282-04R	Nova II	SSI	ICL	6In-Line/ 3.2LP/IS-1	Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
282-04Y	Nova II	SSI	IEL	5Bif/Bi	Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
282-07	Nova III	SSI	IFN	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
282-07E	Nova III	SSI	—	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
282-09	Nova III	SSI	IEN	5Bif/Bi	Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
282-09R	Nova III	SSI	IEX	6In-Line/ 3.2LP/IS-1	Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
283-01	Cosmos	DDD	283-01	5	Uni	2/SST	PR/65 (SSI)	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
283-01s	Cosmos	DDD	283-01	5	Uni	2/SST	PR/65 (SSI)	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
283-01V	Cosmos	DDD	ICS	IS-1	Uni	SLC	PR/65 (SSI)	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
283-03	Cosmos II	DDD	IEF	5	Uni	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
283-09	Cosmos III	DDD	IGZ	5	Uni	2	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
284-02	Cosmos	DDD	284-02	6 InLineBi	Uni/Bi	2/SST	PR/65 (SSI)	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
284-02S	Cosmos	DDD	—	6 InLineBi	Bi	2	—	—	Abrupt decrease in magnet rate
284-02V	Cosmos	DDD	ICT	IS-1	Uni/Bi	SLC	PR/65 (SSI)	PR/NA/65	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 65 @ ERI. 64 cycles only.
284-05	Cosmos II	DDD	ICN	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
284-05E	Cosmos II	DDD	I*KK	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
284-09	Cosmos III	DDD	IGU	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.

**ERI mode reversion to VVI is programmable ON/OFF in these devices.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
284-09E	Cosmos III	DDD/VVIR	I*KJ	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80 (SOO)	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
284-09R	Cosmos III	DDD	IHC	6In-Line/ 3.2LP/IS-1	Uni/Bi	2	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
291-01	Nova MR	SSIR	ICH	IS-1	Uni	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
291-03	Dash	SSIR	IFE	6	Uni	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
291-09	Marathon SR	SSIR	IGC	6	Uni	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-02	Nova MR	SSIR	ICH	IS-1	Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-03	Dash	SSIR	IEK	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-03E	Dash	SSIR	IEK	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-03R	Dash	SSIR	IFF	6In-Line/ 3.2LP/IS-1	Uni/Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-05	Dart	SSIR	IFJ	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-05E	Dart	SSIR	I*KS	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-06	Unity-C	VDDR	IFT	IS-1	A:Bi V:Uni	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.

*ERI magnet rates are unique for each of these devices. Contact Boston Scientific CRM Technical Services to find the ERI magnet rate for a specified serial number.

**ERI mode reversion to VVI is programmable ON/OFF in these devices.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
292-07	Unity	VDDR	IFL	IS-1	A:Bi V:Uni	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-07E	Unity	VDDR	I*KT	IS-1	A:Bi V:Uni	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-09	Marathon SR	SSIR	IFY	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-09R	Marathon SR	SSIR	IGF	6In-Line/ 3.2LP/IS-1	Uni/Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-09X	Marathon SR	SSIR	IGK	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-09Z	Marathon SR	SSIR	IHK	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
292-10	Marathon SR	SSIR	IGE	IS-1	Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
293-01	Circadia	DDDR	ICI	IS-1	Uni	SLC	PR/65 (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
293-03	Relay	DDDR	IFG	5	Uni	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
293-03E	Relay	DDDR	I*JK	5	Uni	2	PR/PR (VVI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
293-09	Marathon DR	DDDR	IGH	5	Uni	2	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
293-23	Momentum DR	DDDR	IHH	5	Uni	2	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.

*ERI magnet rates are unique for each of these devices. Contact Boston Scientific CRM Technical Services to find the ERI magnet rate for a specified serial number.

**ERI mode reversion to VVI is programmable ON/OFF in these devices.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
294-03	Relay	DDDR	IEJ	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-03E	Relay	DDDR	IHN	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-03R	Relay	DDDR	I*FH	6In-Line/ 3.2LP/IS-1	Uni/Bi	2	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-05	Stride	DDDR	IFK	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-05E	Stride	DDDR	I*KL	IS-1	Uni/Bi	SLC	PR/PR (SSI)	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-09	Marathon DR	DDDR	IFZ	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-09E	Marathon DR	DDDR	I*JN	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80 (SOO)	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-09R	Marathon DR	DDDR	IGG	6In-Line/ 3.2LP/IS-1	Uni/Bi	2	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-09Z	Marathon DR	DDDR	IHJ	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-10	Marathon DR	DDDR	IGJ	IS-1	Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-23	Momentum DR	DDDR	IHG	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
294-23E	Momentum DR	DDDR	I*HG	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.

*ERI magnet rates are unique for each of these devices. Contact Boston Scientific CRM Technical Services to find the ERI magnet rate for a specified serial number.

**ERI mode reversion to VVI is programmable ON/OFF in these devices.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
294-23Z	Momentum DR	DDDR	IHL	IS-1	Uni/Bi	SLC	PR/PR**	PR/90/80	Mag Rate = 1st 5 beats @ 90 Followed by PR @ BOL, or BOL, or 90 @ IFI, or 80 @ ERI. 64 cycles only.
1325	Nexus I Entra	SSI	ITM 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Ratesic and Mag Rate Reduction
1387	Intelis II	SSIR	ITM 002	5Bif/Bi	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1395	Nexus I Entra	SSIR	ITM 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1425	Nexus I Entra	DDD	ITM 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1495	Nexus I Entra	DDDR	ITM 003	5/6	Uni	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1326	Nexus I Entra	SSI	ITM 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1328	NEXUS I AVT	SSI	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1349	Intelis II	SSI	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1380	Virtus Plus II	SSIR	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1381	Virtus Plus II	SSIR	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1384	Intelis II	SSIR	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1386	Intelis II	SSIR	ITM 002	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1390	NEXUS I Ultra	SSIR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1392	NEXUS I AVT	SSIR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1394	Nexus I Plus	SSIR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Single-step Drop in Mag Rate
1398	Nexus I Entra	SSIR	ITM 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1426	Nexus I Entra	DDD	ITM 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1428	NEXUS I AVT	VDD	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1432	NEXUS I AVT	DDD	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate

**ERI mode reversion to VVI is programmable ON/OFF in these devices.

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
1466	Nexus I Entra	DDDR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1467	Nexus I Plus	DDDR	ITM 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Single-step Drop in Mag Rate
1468	Nexus I Plus	DDDR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Single-step Drop in Mag Rate
1480	Virtus Plus II	DDDR	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1483	Intelis II	DDDR	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1484	Intelis II	DDDR	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1486	Intelis II	DDDR	ITM 002	IS-1 Comp	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate
1490	NEXUS I Ultra	DDDR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1491	NEXUS I Ultra	DDDR	ITM 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1492	NEXUS I AVT	DDDR	ITM 003	IS-1	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1494	Nexus I Entra	DDDR	ITM 003	IS-1 Comp	Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1499	Intelis II	DDD	ITM 002	IS-1	Uni/Bi	2	PR/PR	100/NA/85	Single-step Drop in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2409	ASVIP	VDD	FN or CU	5	Uni	2	PR/PR	PR(+2ppm)/PR-10%	Gradual Decrease in Mag Rate
5920	Spectrax VS	VVI	DH	5Bif/Bi	Bi	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5921	Spectrax VS	VVI	DJ	5/6	Uni	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5922	Spectrax VM	VVI	AU	5Bif/Bi	Bi	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5923	Spectrax VM	VVI	AY	5/6	Uni	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5926	Xyrel VM	VVI	AE	5Bif/Bi	Bi	2	72/67	72(+2ppm)/67	Gradual Decrease in Paced/Mag Rate
5927	Xyrel VM	VVI	AF	5	Uni	2	72/67	72(+2ppm)/67	Gradual Decrease in Paced/Mag Rate
5940	Spectrax S	VVI	NF	5Bif/Bi	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5940LP	Spectrax S	VVI	PD	3.2LP	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5941	Spectrax S	VVI	LP	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5966	Spectrax VL	VVI	CY	5Bif/Bi	Bi	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5967	Spectrax VL	VVI	DE	5/6	Uni	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5968	Spectrax VL	VVI	RF	3.2LP	Bi	2	70/63	70/63	Single-step Drop in Paced/Mag Rate
5972	Xyrel VL	VVI	MA	5Bif/Bi	Bi	2	72/67	72(+2ppm)/67	Gradual Decrease in Paced/Mag Rate
5973	Xyrel VL	VVI	MD	5	Uni	2	72/67	72(+2ppm)/67	Gradual Decrease in Paced/Mag Rate
5976	Spectrax SX-HT	SSI	JR	5Bif/Bi	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5977	Spectrax SX-HT	SSI	KN	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5982	Mirel VM	VVI	NB	5Bif/Bi	Bi	2	72/67	72(+3ppm)/67	Gradual Decrease in Paced/Mag Rate
5983	Mirel VM	VVI	NC	5	Uni	2	72/67	72(+3ppm)/67	Gradual Decrease in Paced/Mag Rate
5984	Spectrax SX	SSI	DF	5Bif/Bi	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5984LP	Spectrax SX	SSI	LH	3.2LP	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
5985	Spectrax SX	SSI	DG	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
5988	Mirel VL	VVI	ED	5Bif/Bi	Bi	2	72/67	72(+5ppm)/67	Gradual Decrease in Paced/Mag Rate
5989	Mirel VL	VVI	EE	5	Uni	2	72/67	72(+5ppm)/67	Gradual Decrease in Paced/Mag Rate
5992	Byrel	DVI	MT	5Bif/Bi	Bi	2	PR/PR-8%	PR+10%/PR+2%	Gradual Decrease in Paced/Mag Rate
5993SX	Byrel SX	DVI	RK	5	Uni	2	PR/PR, 65 (VVI)	PR/75 (D/VOO), 65 (VOO)	Two-step Change in Mag Rate (75 then 65)
5994AP	Xyrel AP	AAI	BK	5Bif/Bi	Bi	2	PR/PR-7%	PR(+2ppm)/PR-7%	Gradual Decrease in Paced/Mag Rate
5994VP	Xyrel VP	VVI	MU	5Bif/Bi	Bi	2	PR/PR-7%	PR(+2ppm)/PR-7%	Gradual Decrease in Paced/Mag Rate
5995AP	Xyrel AP	AAI	BL	5	Uni	2	PR/PR-7%	PR(+2ppm)/PR-7%	Gradual Decrease in Paced/Mag Rate
5995VP	Xyrel VP	VVI	MK	5	Uni	2	PR/PR-7%	PR(+2ppm)/PR-7%	Gradual Decrease in Paced/Mag Rate
5996	Xyrel HT	VVI	CT	5Bif/Bi	Bi	2	PR/PR-7%	PR(+2ppm)/PR-7%	Gradual Decrease in Paced/Mag Rate
5997	Xyrel HT	VVI	CM	5	Uni	2	PR/PR-7%	PR(+2ppm)/PR-7%	Gradual Decrease in Paced/Mag Rate
7000	Versatrax	DDD	FT	5	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7000A	Versatrax II	DDD	TG	5	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7001	Symbios	DDD	HX	5/6	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7005	Symbios	DDD	TN	5	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7005C	Symbios	DDD	JS	5/6	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7006	Symbios	DDD	UE	3.2LP	Bi	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7007	Symbios	DDD	UE	5	Uni	2 (4X)	—	—	A two-step magnet rate change. PW stretching of 40-85&
7008	Symbios (Aa)	DDD	UD	3.2LP	Bi	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7026	Synergyst	DDD	TV	3.2LP	Bi	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
7027	Synergyst	DDD	TY	5/6	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7027A	Synergyst	DDD	2A	5	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7027M	Synergyst	DDD	5W	IS-1	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7068	Preva D	DDD	PIE	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Single-step decrease in Paced/Mag rate. Mode change to VOO from SOO
7070	Synergyst II	DDDR	PW	3.2LP	Bi	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7071	Synergyst II	DDDR	SW	5/6	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7071A	Synergyst II	DDDR	1J	5	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7071M	Synergyst II	DDDR	6W	IS-1	Uni	2	PR/65(VVI)	BOL:85(DDD)/PR ERI:75/65	Two-step Change in Mag Rate (75 then 65)
7074	Elite	DDDR	YE	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7075	Elite	DDDR	YF	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7076	Elite	DDDR	2E	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7077	Elite	DDDR	1X	IS-1	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7078	Preva ST DR	DDDR	PIF	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7084	Elite II	DDDR	3U	IS-1 Comp	Bi(P) Uni/Bi(S)	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7085	Elite II	DDDR	3V	5	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
7086	Elite II	DDDR	3Y	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7088	Preva DR	DDDR	PGJ	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7089	Preva DR	DDDR	PGK	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7100	Enertrax	VDD	UA	5	Uni	2	PR/65 (VVI)	85/65 (VOO)	Single-step Decrease in Paced/Mag Rate
7100E	Enertrax	VDD	UH	5	Uni	2	PR/65 (VVI)	85/65 (VOO)	Single-step Decrease in Paced/Mag Rate
7107	Minuet	DDD	1Z1	5	Uni	2	PR/65 (VVI)	85/65 (VOO)	Single-step decrease in Paced/Mag rate. Mode change to VOO from SOO
7108	Minuet	DDD	2G1	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7850	Thera DR	DDDR	PDP	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7851	Thera DR	DDDR	PDR	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7852	Thera DR	DDDR	PDT	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7860	Prodigy DR	DDDR	PDH	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7861	Prodigy DR	DDDR	PDJ	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7862	Prodigy DR	DDDR	PDK	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
7864	Prodigy D	DDD	PDL	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7865	Prodigy D	DDD	PDM	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7866	Prodigy D	DDD	PDN	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7940	Thera DR	DDDR	PAF	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7941	Thera DR	DDDR	PAP	5	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7942	Thera DR	DDDR	PAT	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7944	Thera D	DDD	PBD	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7945	Thera D	DDD	PBE	5	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7946	Thera D	DDD	PBF	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7950	Thera DR	DDDR	PBR	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7951	Thera DR	DDDR	PBV	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7952	Thera DR	DDDR	PBW	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
7960i	Thera DR	DDDR	PDB	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7961i	Thera DR	DDDR	PDC	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7962i	Thera DR	DDDR	PDD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7964i	Thera D	DDD	PDE	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7965i	Thera D	DDD	PDF	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7966i	Thera D	DDD	PDG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7968i	Thera DR	DDDR	PGH	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
7970	DX2 (clinical device)	DDDR	PCR	IS-1	Bi	2	---	---	Abrupt decrease in magnet rate
7972	DX2 (clinical device)	DDDR	PCT	---	Bi	2	---	---	Abrupt decrease in magnet rate
7974	DX2 (clinical device)	DDDR	PCT	---	---	2 (4X)	---	---	Abrupt decrease in magnet rate
8079	Champion	VVI	PGE	Nonstd	Uni	Spring Clip	PR/PR	PR/PR-17%	Abrupt decrease in magnet rate. PR - 17%.
8081	Premier	VVI	PBM	IS-1	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8084	Prevail S	SSI	PEV	IS-1	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8085	Prevail S	SSI	PEY	5/6	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
8086	Prevail S	SSI	PFA	IS-1 Comp	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8088	Preva SR	SSIR	PGL	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8089	Preva SR	SSIR	PGM	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8158	Prodigy SR	SSIR	PEM	5Bif/Bi	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8160	Prodigy SR	SSIR	PED	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8161	Prodigy SR	SSIR	PEE	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8162	Prodigy SR	SSIR	PEF	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8164	Prodigy S	SSI	PEG	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8165	Prodigy S	SSI	PEH	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8166	Prodigy S	SSI	PEJ	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8168	Prodigy VDD	VDD	PEK	IS-1	A:Bi V:Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in magnet rate
8300	Activitrax E	VVIR	QW	3.2LP	Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
8301	Activitrax E	WVIR	QX	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8316	Pasys ST	VVI	NX	IS-1 Comp	Uni/Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8317	Pasys ST	VVI	NZ	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8318	Pasys ST	VVI	PJ	5Bif/Bi	Uni/Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8320	Pasys	SSI	JU	IS-1 Comp	Uni/Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8322	Pasys	SSI	LL	5Bif/Bi	Uni/Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8329	Pasys	SSI	VB	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8330	Minix ST	VVI	UV	IS-1 Comp	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8331	Minix ST	VVI	UX	5/6	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8331M	Minix ST	VVI	7W	IS-1	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8340	Minix	SSI	UQ	IS-1 Comp	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8341	Minix	SSI	US	5/6	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8341M	Minix	SSI	8W	IS-1	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8342	Minix	SSI	UU	5Bif/Bi	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8360	Micro Minix	SSI	ZU	IS-1	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
8400	Activitrax	VVIR	IJ	3.2LP	Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8402	Activitrax	VVIR	IW	5Bif/Bi	Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8403	Activitrax	VVIR	IY	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8403M	Activitrax	VVIR	3W	IS-1	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8412	Activitrax II	SSIR	QE	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8413	Activitrax II	SSIR	QF	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8413M	Activitrax II	SSIR	4W	IS-1	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8414	Activitrax II	SSIR	QG	5Bif/Bi	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
8416	Legend	SSIR	XT	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8417	Legend	SSIR	WJ	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8418	Legend	SSIR	WN	5Bif/Bi	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8419	Legend	SSIR	ZT	IS-1	Uni	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
8420	Spectrax SXT	SSI	GL	3.2LP	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8422	Spectrax SXT	SSI	HJ	5Bif/Bi	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8423	Spectrax SXT	SSI	HN	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8423M	Spectrax SXT	SSI	3E	IS-1	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8424	Legend II	SSIR	2P	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8426	Legend II	SSIR	2T	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8427	Legend II	SSIR	2U	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8432	Basix	SSI	EX	5Bif/Bi	Bi	2	---	---	---
8433	Basix	SSI	FQ	5/6	Uni	2	---	---	---
8434	Basix	SSI	FS	3.2LP	Bi	2	---	---	---
8436	Classix	SSI	GS	5Bif/Bi	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8437	Classix	SSI	CX	5/6	Uni	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8438	Classix	SSI	CZ	3.2LP	Bi	2	PR/PR-10%	PR/PR-10%	Single-step Drop in Paced/Mag Rate
8446	Legend Plus	SSIR	2Y	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8448	Legend Plus	SSIR	2Z	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	BOL: 3@100ppm, then 85 (SR) or PR (SSI) ERI: 3@80ppm, then 65 (SR) or PR-20% (SSI)
8940	Thera SR	SSIR	PAU	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
8941	Thera SR	SSIR	PAV	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8942	Thera SR	SSIR	PAW	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8944	Thera S	SSIR	PBG	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8945	Thera S	SSIR	PBH	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8946	Thera S	SSIR	PBJ	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8948	Thera VDD	VDD	PAY	IS-1	A:Bi V:Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO.
8960i	Thera-i SR	SSIR	PDU	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8961i	Thera-i SR	SSIR	PDV	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8962i	Thera-i SR	SSIR	PDW	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8964i	Thera-i S	SSIR	PDY	IS-1	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8965i	Thera-i S	SSIR	PEA	5/6	Uni	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
8966i	Thera-i S	SSIR	PEB	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
8968i	Thera-i VDD	VDD	PEC	IS-1	A:Bi V:Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
9000	Isotopic	VVI	#R	5Bif/Bi	Bi	6	72/67	72(+3ppm)/67	Gradual 5ppm Decrease from BOL Mag Rate
ADD01	Adapta D	DDD	PWB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADDR01	Adapta DR	DDDR	PWB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADDR03	Adapta DR	DDDR	PWB	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADDR06	Adapta DR	DDDR	PWB	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADDRL1	Adapta DR	DDDR	PWB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADDRS1	Adapta DR	DDDR	PWB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADSR01	Adapta SR	SSIR	PWB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
ADSR03	Adapta SR	SSIR	PWB	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
ADSR06	Adapta SR	SSIR	PWB	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
ADVDD01	Adapta VDD	VDD	PWB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (VOO)/65 (VOO)	Abrupt decrease in magnet rate
AT500	AT500	DDDRP	IJF	IS-1	Bi	2	PR/PR	PR/PR	Abrupt decrease in magnet rate
E1DR01	EnPulse Dr	DDDR	PRA	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E1DR03	EnPulse DR	DDDR	PRB	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E1DR06	EnPulse DR	DDDR	PRE	4.75/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E1DR21	EnPulse DR	DDDR	PPT	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2D01	EnPulse E2DOO Series	DDD	PNF	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2D03	EnPulse E2DOO Series	DDD	PNG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
E2DR01	EnPulse DR	DDDR	PNB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2DR03	EnPulse DR	DDDR	PNB	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2DR06	EnPulse DR	DDDR	PNH	5/6	Unipolar	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2DR21	EnPulse DR	DDDR	PMU	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2DR31	EnPulse DR	DDDR	PNL	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2DR33	EnPulse DR	DDDR	PNM	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
E2SR01	EnPulse SR	VVIR	PMW	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
E2SR03	EnPulse SR	VVIR	PMY	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
E2SR06	EnPulse SR	VVIR	PNA	5/6	Unipolar	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
E2VDD01	EnPulse VDD	VDD	PMV	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
KD700	Kappa D 700 Series	DDD	PHJ	IS-1	Uni/Bi	—	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KD701	Kappa D 700 Series	DDD	PHK	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KD703	Kappa D 700 Series	DDD	PHM	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KD706	Kappa D 700 Series	DDD	PHL	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KD901	Kappa DDD 900 Series	DDD	PLB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KD903	Kappa DDD 900 Series	DDD	PLC	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KD906	Kappa DDD 900 Series	DDD	PLD	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR401	Kappa DR 400 Series	DDDR	PER	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
KDR403	Kappa DR 400 Series	DDDR	PET	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag Rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
KDR600	Kappa DR 600 SeriesDDDR		PHE	IS-1	Uni/Bi	---	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR601	Kappa DR 600 SeriesDDDR		PHF	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR603	Kappa DR 600 SeriesDDDR		PHH	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR606	Kappa DR 600 SeriesDDDR		PHG	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR651	Kappa DR 600 SeriesDDDR		PLJ	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR653	Kappa DR 600 SeriesDDDR		PLK	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR700	Kappa DR 700 SeriesDDDR		PGT	IS-1	Uni/Bi	---	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR701	Kappa DR 700 SeriesDDDR		PGU	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR701(VPP)	Kappa DR 700 SeriesDDDR		PGU	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR703(VPP)	Kappa DR 700 SeriesDDDR		PGY	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR706	Kappa DR 700 SeriesDDDR		PGW	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR706(VPP)	Kappa DR 700 SeriesDDDR		PGW	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR720	Kappa DR 700 SeriesDDDR		PGP	IS-1	Uni/Bi	---	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR721	Kappa DR 700 SeriesDDDR		PGR	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR730	Kappa DR 700 SeriesDDDR		PHA	IS-1	Uni/Bi	---	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR731	Kappa DR 700 SeriesDDDR		PHB	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR733	Kappa DR 700 SeriesDDDR		PHD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR801	Kappa DR 800 SeriesDDDR		PKW	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR803	Kappa DR 800 SeriesDDDR		PKY	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR806	Kappa DR 800 SeriesDDDR		PLA	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR901	Kappa DR 900 SeriesDDDR		PKM	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
KDR903	Kappa DR 900 Series	DDDR	PKN	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR906	Kappa DR 900 Series	DDDR	PKP	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR921	Kappa DR 900 Series	DDDR	PKR	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR931	Kappa DR 900 Series	DDDR	PKT	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KDR933	Kappa DR 900 Series	DDDR	PKU	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KSR401	Kappa SR 400 Series	SSIR	PEU	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag Rate. Mode change to VOO from SOO
KSR403	Kappa SR 400 Series	SSIR	PGD	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag Rate. Mode change to VOO from SOO
KSR700	Kappa SR 700 Series	SSIR	PHR	IS-1	Uni/Bi	—	PR/65 (VVI)	85 (SOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KSR701	Kappa SR 700 Series	SSIR	PHT	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KSR703	Kappa SR 700 Series	SSIR	PHW	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KSR706	Kappa SR 700 Series	SSIR	PHU	5/6	Uni	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KSR901	Kappa SR 900 Series	SSIR	PLF	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Single-step Drop in Paced/Mag Rate
KSR903	Kappa SR 900 Series	SSIR	PLG	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Single-step Drop in Paced/Mag Rate
KSR906	Kappa SR 900 Series	SSIR	PLH	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Single-step Drop in Paced/Mag Rate
KVDD700	Kappa VDD 700 Series	VDDR	PHN	IS-1	Uni/Bi	—	PR/65 (VVI)	85 (VOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KVDD701	Kappa VDD 700 Series	VDDR	PHP	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (VOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
KVDD901	Kappa VDD 900 Series	VDD	PLE	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (VOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
P1501DR	EnRhythm	DDDRO	PNP	IS-1	Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Single-step Drop in Paced/Mag Rate
SD203	Sigma D 200 Series	DDD	PJD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
SD303	Sigma D 300 Series	DDD	PJD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SDR203	Sigma DR 200 Series	DDDR	PJD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SDR303	Sigma DR 300 Series	DDDR	PJD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SDR306	Sigma DR 300 Series	DDDR	PJE	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SED01	Sensia D	DDD	PWL	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
SEDR01	Sensia DR	DDDR	PWL	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
SEDRL1	Sensia DR	DDDR	PWL	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate
SES01	Sensia S	SSI	PWL	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
SESR01	Sensia SR	SSIR	PWL	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (SOO)/65 (VOO)	Abrupt decrease in magnet rate
SS103	Sigma S 100 Series	SSI	PJG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SS106	Sigma S 100 Series	SSI	PJH	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SS203	Sigma S 200 Series	SSI	PJG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SS303	Sigma S 300 Series	SSI	PJG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SSR203	Sigma SR 200 Series	SSIR	PJG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
SSR303	Sigma SR 300 Series	SSIR	PJG	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SSR306	Sigma SR 300 Series	SSIR	PJH	5/6	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
SVDD303	Sigma VDD 300 Series	VDD	PJD	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (VOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
VEDR01	Versa DR	DDDR	PWH	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in magnet rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
187	—	VVI	S*87	Screw	Uni	—	70/70	70/60	Gradual Decrease in Mag Rate
207	—	VVI	S*07	Screw	Uni	—	70/70	100/75	Gradual Decrease in Mag Rate
208	—	VVI	S*08	Screw	Uni	—	70/70	100/75	Gradual Decrease in Mag Rate
209	—	VVI	S*09	Screw	Uni	—	70/70	100/75	Gradual Decrease in Mag Rate
221-6	Programalith	SSI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
221A-6	Programalith	SSI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222-6	Programalith	SSI	—	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222A-6	Programalith	SSICO	N/A	5Bif/Bi	Bi	4	—	—	Gradual decrease in magnet rate only
217	—	VVI	S*17	Screw	Uni	—	70/70	100/75	Gradual Decrease in Mag Rate
221-3	Programalith	VVI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
221A-3	Programalith	VVI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222-3	Programalith	VVI	—	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222A-3	Programalith	VVI	—	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
225-6	Programalith II	SSI	—	6	Uni	2	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
221-1	Programalith	VVI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
221A-1	Programalith	VVI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
226-6	Programalith II	SSI	—	5Bif/Bi	Bi	2	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
221-0	Programalith	VVI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
221A-0	Programalith	VVI	—	6	Uni	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222-1	Programalith	VVI	—	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222A-1	Programalith	VVI	—	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
222-0	Programalith	VVI	---	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
222A-0	Programalith	VVI	---	5Bif/Bi	Bi	4	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
225-3	Programalith II	VVI	---	6	Uni	2	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
223	Programalith AV	DVI	---	5	Uni	4	PR/PR	90/77	Gradual Decrease in Mag Rate
226-3	Programalith II	VVI	---	5Bif/Bi	Bi	2	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
225	Programalith II	SSI	---	6	Uni	2	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
225-0	Programalith II	VVI	---	6	Uni	2	70/70	PR-5%/PR-10%	Gradual Decrease in Mag Rate
226	Programalith II	SSI	---	5Bif/Bi	Bi	2	PR/PR	PR-5%/PR-10%	Gradual Decrease in Mag Rate
226-0	Programalith II	VVI	---	5Bif/Bi	Bi	2	70/70	PR-5%/PR-10%	Gradual Decrease in Mag Rate
238	Programalith III	SSI	---	5Bif/Bi	Bi	2	PR/PR	PR/PI+100ms	Gradual Decrease in Mag Rate
238-0	Programalith III	SSI	---	5	Uni	2	PR/PR	PR/PI+100ms	Gradual Decrease in Mag Rate
238-1	Programalith III	SSI	---	5Bif/Bi	Bi	2	PR/PR	PR/PI+100ms	Gradual Decrease in Mag Rate
238-3	Programalith III	SSI	---	5Bif/Bi	Bi	2	PR/PR	PR/PI+100ms	Gradual Decrease in Mag Rate
238-6	Programalith III	SSI	---	5Bif/Bi	Bi	2	PR/PR	PR/PI+100ms	Gradual Decrease in Mag Rate
239-1	Programalith III	SSI	---	5	Uni	2	PR/PR	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
239-3	Programalith III	SSI	---	5	Uni	2	PR/PR	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
239-6	Programalith III	SSI	---	5	Uni	2	PR/PR	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
241-3	Programalith III	VVI	---	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
241-6	Programalith III	SSI	---	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
242-3	Programalith III	VVI	---	5Bif/Bi	Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
242-6	Programalith III	SSI	---	5Bif/Bi	Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
249-3	Programalith III	VVI	---	6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
249-6	Programalith III	SSI	---	6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
250-3	Phoenix	VVI	---	VS-1A	Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
250-6	Phoenix	SSI	---	VS-1A	Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
251-6	Phoenix	SSI	---	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
251K-6	Phoenix	SSI	---	IS-1	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
251-3	Phoenix	VVI	---	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
251K-3	Phoenix	VVI	---	IS-1	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
261	AFP	SSI	---	6	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
262	AFP	SSI	---	5Bif/Bi	Bi	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
262T	AFP	SSI	---	VS-1A	Bi	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
273	AFP	DDI	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
275	AFP	VDD	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
277	AFP	DDD	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
281	AFP	DDD	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
283	AFP II	DDD	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
285	Genesis	DDD	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
285K	Genesis	DDD	---	5	Uni	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
286	AFP	DDD	---	IS-1 Comp	Bi	2	PR/PR	PR+14%/PR-11%	Single-step Drop in Mag Rate
301	Vivalith II	VVI	---	6	Uni	6	71/65	78/72	Gradual Decrease in Paced/Mag Rate
401	Vivalith II	VVI	---	6	Uni	6	71/65	78/72	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
447	—	VVI	S*47	6	Uni	2	70/70	100/85	Gradual Decrease in Mag Rate
619	—	VVI	S*19	6	Uni	2	70/70	100/75	Gradual Decrease in Mag Rate
625	—	VAT	S*25	6	Uni	2	55/48	100/75	Gradual Decrease in Mag Rate
627	—	VVI	S*27	6	Uni	2	70/70	100/75	Gradual Decrease in Mag Rate
629	—	VVI	S*29	6	Uni	2	70/70	100/75	Gradual Decrease in Mag Rate
637	637	VVI	SY37	6C	Uni	2	—	—	N/A
651B	Tachylog	SSI	—	5Bif/Bi	Tri	2	—	100/85	Gradual Decrease in Mag Rate
657	657	VVI	SY57	6C	Uni	2	—	—	Gradual Decrease in Paced/Mag Rate only
658M	Prolog	SSI	S*58	5	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
658T	Prolog	SSI	S*58	VS-1A	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
659	—	VVI	S*59	6	Uni	2	70/70	100/85	Gradual Decrease in Paced/Mag Rate
664	—	DDD	S*64	6	Uni	2	PR/PR	101/85	Gradual Decrease in Paced/Mag Rate
668	—	SSI	S*68	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
668B	—	SSI	S*68	5Bif/Bi	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
669	—	VVI	S*69	6	Uni	2	70/70	100/85	Gradual Decrease in Paced/Mag Rate
674	—	DDD	S*74	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
677	677	VVI	SY77	6C	Uni	2	—	—	Gradual decrease in magnet rate only
678	—	SSI	S*78	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
678B	—	SSI	S*78	5Bif/Bi	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
686	Prolog	VVI	S*86	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
686L	Prolog	VVI	S*86	IS-1 Comp	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
688	Prolog	SSI	S*88	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
688L	Prolog	SSI	S*88	IS-1 Comp	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
688T	Prolog	SSI	S*88	IS-1	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
689	Prolog	VVI	S*89	6	Uni	2	70/70	100/85	Gradual Decrease in Paced/Mag Rate
689L	Prolog	VVI	S*89	IS-1 Comp	Bi	2	70/70	100/85	Gradual Decrease in Paced/Mag Rate
698	Prolog	SSI	S*98	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
698L	Prolog	SSI	S*98	IS-1 Comp	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
703K	Sensolog	SSIR	S*03	VS-1A	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
703S	Sensolog	SSIR	S*03	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
703T	Sensolog	SSIR	S*03	VS-1A	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
704	Dialog	DDD	S*04	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
718	Dialog	SSI	S*18	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
718B	Dialog	SSI	S*18	5Bif/Bi	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
718L	Dialog	SSI	S*18	IS-1 Comp	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
728	Dialog	SSI	S*28	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
728T	Dialog	SSI	S*28	VS-1A	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
748	Dialog	SSI	S*48	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
748B	Dialog	SSI	S*48	5Bif/Bi	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
748T	Dialog	SSI	S*48	VS-1A	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
1102	Tempo VR	VVIR	tJJ	IS-1	Uni/Bi	2	PR/63	100/80	Multiple Drops in Linear Mag Rate
1902	Tempo V	VVIR	tMJ	IS-1	Uni/Bi	2	PR/63	100/80	Multiple Drops in Linear Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2002B	Solus	SSIR	AA	5Bif/Bi	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2002L	Solus	SSIR	AA	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2002T	Solus	SSIR	AA	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2003M	Solus	SSIR	—	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2003M/S	Solus	SSIR	AB	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2003S	Solus	SSIR	—	6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2005L	Phoenix 2	VVI	AD	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2005T	Phoenix 2	VVI	AD	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2006L	Solus II	SSIR	AE	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2006T	Solus II	SSIR	AE	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2007K	Solus II	SSIR	AF	IS-1	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2007M/S	Solus II	SSIR	AF	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2008L	Phoenix 2	SSI	AG or PHX	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2008T	Phoenix 2	SSI	AG or PHX	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2009K	Phoenix 2	SSI	AH	IS-1	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2009M/S	Phoenix 2	SSI	AH	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2010T	Paragon	DDD	AC or AI	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2011M	Paragon	DDD	—	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2011M/S	Paragon	DDD	AJ	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2012T	Paragon	DDD	—	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2016L	Paragon II	DDD	AL	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2016T	Paragon II	DDD	AL	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2020T	Synchrony	DDDR	—	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2022L	Synchrony II	DDDR	AN	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2022T	Synchrony II	DDDR	AN	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2023M	Synchrony II	DDDR	—	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2023M/S	Synchrony II	DDDR	AO	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2023S	Synchrony II	DDDR	—	6C	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2023U	Synchrony II	DDDR	—	—	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2028L	Synchrony III	DDDR	AP	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2028T	Synchrony III	DDDR	AP	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2029K	Synchrony III	DDDR	AR	IS-1	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2029M/S	Synchrony III	DDDR	AR	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2033B	Sensolog	SSIR	S*33	5Bif/Bi	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2033K	Sensolog	SSIR	S*33	IS-1	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2033L	Sensolog	SSIR	S*33	IS-1 Comp	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2033M	Sensolog	SSIR	S*33	5	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2033S	Sensolog	SSIR	S*33	6	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2033T	Sensolog	SSIR	S*33	VS-1A	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2034K	Sensolog	SSIR	S*34	IS-1	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2034L	Sensolog	SSIR	S*34	IS-1 Comp	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2034M	Sensolog	SSIR	S*34	5	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2034T	Sensolog	SSIR	S*34	VS-1A	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2037B	Dialog	SSI	S*37	5Bif/Bi	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2037K	Dialog	SSI	S*37	VS-1A	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2037M	Dialog	SSI	S*37	5	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2037S	Dialog	SSI	S*37	6	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2037T	Dialog	SSI	S*37	VS-1A	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2038K	Dialog	SSI	S*38	VS-1A	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2038L	Dialog	SSI	S*38	IS-1 Comp	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2038M	Dialog	SSI	S*38	5	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2038T	Dialog	SSI	S*38	IS-1	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2040K	Multilog	SSI	S*40	IS-1	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2040M/S	Multilog	SSI	S*40	5/6	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2040T	Multilog	SSI	S*40	IS-1	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2045K	Sensorithm	SSIR	S*45	VS-1A	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2045M/S	Sensorithm	SSIR	S*45	5/6	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2045T	Sensorithm	SSIR	S*45	VS-1A	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2060BL	AddVent	VDDR	AS	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2060LR	AddVent	VDDR	AS	PSI	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2102	Tempo DR	DDDR	tHJ	IS-1	Uni/Bi	2	PR/63	100/80	Gradual Decrease in Mag Rate
2204L	Phoenix III	SSI	BC	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2204T	Phoenix III	SSI	BC	IS-1	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2205K	Phoenix III	SSI	BD	IS-1	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2205M/S	Phoenix III	SSI	BD	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2250L	Trilogy SR	SSIR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Gradual Decrease in Mag Rate
2252L	Dynasty SR	SSIR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Gradual Decrease in Mag Rate
2260L	Trilogy SR+	SSIR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2262L	Dynasty SR+	SSIR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval
2264L	Trilogy SR+	SSIR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt increase of 100 ms in Paced/Mag interval
2304L	Paragon III	DDD	BK	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt increase of 100 ms in Paced/Mag interval
2304T	Paragon III	DDD	BK	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2305M/S	Paragon III	DDD	BN	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2308L	Trilogy DC	DDD	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt increase of 100 ms in paced/magnet Interval
2310L	Dynasty DC	DDD	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval
2314L	Paragon III	DDD	BK	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2314T	Paragon III	DDD	BK	VS-1A	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2315M/S	Paragon III	DDD	BN	5/6	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2318L	Trilogy DC+	DDD	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2320L	Dynasty DC+	DDD	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval
2350L	Trilogy DR	DDDR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2352L	Dynasty DR	DDDR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval
2360L	Trilogy DR+	DDDR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase of 100 ms in Paced/Mag Interval
2362L	Dynasty DR+	DDDR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2364L	Trilogy DR+	DDDR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval
2382	Dynasty DR+	DDDR	MM	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase in Paced/Mag Interval
2400	Regency SR+	SSIR	N/A	IS-1	Bi	2	---	---	Gradual decrease in magnet rate
2400L	Regency SR+	SSIR	S*00	IS-1 Comp	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2402L	Regency SC+	SSI	S*02	IS-1 Comp	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2404	Regency SR	SSIR	N/A	---	---	N/A	---	---	Gradual decrease in magnet rate
2404L	Regency SR	SSIR	S*04	IS-1 Comp	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2405M/S	Regency SR	SSIR	S*05	5/6	Uni	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2406L	Regency SC	SSI	S*06	IS-1 Comp	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2407M/S	Regency SC	SSI	S*07	5/6	Uni	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2408L	Regency SCX	SSI	S*08	IS-1 Comp	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2410L	Solus Mini SR+	SSIR	S*00	IS-1 Comp	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2412	Solus Mini SC+	SSI	S*02	IS-1 Comp	Uni/Bi	2	PR/PR/PR-2	100/85	Abrupt Increase of 100 ms in Paced/Mag Interval
2414	Solus Mini SR	SSIR	S*04	IS-1 Comp	Uni/Bi	2	PR/PR/PR-2	100/85	Gradual Decrease in Mag Rate
2415	Solus Mini SR	SSIR	S*05	IS-1 Comp	Uni	2	PR/PR/PR-2	100/85	Gradual Decrease in Mag Rate
2416	Solus Mini SC	SSI	S*06	IS-1 Comp	Uni/Bi	2	PR/PR/PR-2	100/85	Gradual Decrease in Mag Rate
2417	Solus Mini SC	SSI	S*07	IS-1 Comp	Uni	2	PR/PR/PR-2	100/85	Gradual Decrease in Mag Rate
2418	Solus Mini SCX	SSI	S*08	IS-1 Comp	Uni/Bi	2	PR/PR/PR-2	100/85	Gradual Decrease in Mag Rate
2425T	Microny SR+	SSIR	S*25	IS-1	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2426T	Solus Micro SR+	SSIR	S*25	IS-1	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2525T	Microny SR+ II	SSIR	S*25	IS-1	Uni/Bi	2	PR/PR	100/85	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
2535T	Microny K SR	SSIR	S*25	IS-1	Uni	2	PR/PR	100/85	Gradual Decrease in Mag Rate
2902	Tempo D	DDD	tKJ	IS-1	Uni/Bi	2	PR/63	100/80	Gradual Decrease in Mag Rate
BD-101	Rechargeable	VVI	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BD-102	Rechargeable	VVI	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BD-103	Rechargeable	VVI	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BDH-101	Rechargeable	VVI	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BDH-102	Rechargeable	VVI	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BDL-100	BDL-100	VVI	N/A	PSI	Bi	---	71/64	71/64	N/A
BDL-100B	BDL-100B	VVI	N/A	PSI	Bi	---	71/64	71/64	N/A
BDL-201	VivaLith	VVI	N/A	PSI	Bi	---	71/64	71/64	Gradual decrease in magnet rate
BDL-201B	Vivalith 10	VVI	N/A	PSI	Bi	---	71/63	71/63	Gradual decrease in magnet rate
BF-101	Rechargeable	VOO	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BF-102	Rechargeable	VOO	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
BF-103	Rechargeable	VOO	N/A	PSI	Bi	---	PR-10%	PR/PR-10%	Recharging>weekly indicates ERT
MDL-201	VivaLith	VVI	N/A	6	Uni	4	71/64	71/64	Gradual decrease in magnet rate
MDL-201A	VivaLith-5	VVI	N/A	6	Uni	4	71/64	71/64	Gradual decrease in magnet rate
MDL-201B	Vivalith 10	VVI	N/A	6	Uni	4	71/63	71/63	Gradual decrease in magnet rate
P64	Avilog	VDDR	---	---	---	---	---	---	N/A
TDL-201	VivaLith	VVI	---	5Bif/Bi	Bi	4	71/64	71/64	Gradual Decrease in Paced/Mag Rate
TDL-201A	VivaLith-5	VVI	---	5Bif/Bi	Bi	4	71/64	71/64	Gradual Decrease in Paced/Mag Rate
TDL-201B	Vivalith-10	VVI	---	5Bif/Bi	Bi	4	71/64	71/64	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
UD-101	Rechargeable	VVI	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT
UD-102	Rechargeable	VVI	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT
UDH-101	Rechargeable	VVI	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT
UDH-102	Rechargeable	VVI	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT
UDL-100	UDL-100	VVI	---	PSI	Uni	---	71/64	71/64	Gradual Decrease in Paced/Mag Rate
UDL-100B	UDL-100B	VVI	---	PSI	Uni	---	71/64	71/64	Gradual Decrease in Paced/Mag Rate
UDL-201	VivaLith	VVI	---	PSI	Uni	---	71/64	71/64	Gradual Decrease in Paced/Mag Rate
UDL-201B	UDL-201B	VVI	---	PSI	Uni	---	71/63	71/63	Gradual Decrease in Paced/Mag Rate
UDM-102	Rechargeable	VVI	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT
UF-101	Rechargeable	VOO	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT
UF-102	Rechargeable	VOO	N/A	PSI	Uni	---	PR-10%	PR/PR-10%*	Recharging>weekly indicates ERT

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
608K	Prolog	SSI	S*68	IS-1	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
608T	Prolog	SSI	S*68	IS-1	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
728B	Dialog	SSI	S*28	5Bif/Bi	Bi	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
728K	Dialog	SSI	S*28	VS-1A	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
728S	Dialog	SSI	S*28	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
748K	Dialog	SSI	S*48	VS-1A	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
748S	Dialog	SSI	S*48	6	Uni	2	PR/PR	100/85	Gradual Decrease in Paced/Mag Rate
2030K	Sensolog III	SSI	S*30	IS-1	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2030T	Sensolog III	SSI	S*30	IS-1	Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2036K	Dialog II	SSI	S*36	IS-1	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2036T	Dialog II	SSI	S*36	IS-1	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2037L	Dialog II	SSI	S*37	IS-1 Comp	Uni/Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2049K	Dialog II	VVI	S*37	IS-1	Uni	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate
2049T	Dialog II	VVI	S*37	IS-1	Bi	2	PR/PR	99/85	Gradual Decrease in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
5056	Verity ADx XL SC	SSI	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5130	Affinity SR	SSIR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5130L	Affinity SR	SSIR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5130R	Affinity SR	SSIR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5131M/S	Affinity SR	SSIR	VT	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5132L	Affinity SR	SSIR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5132R	Affinity SR	SSIR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5133M/S	Affinity SR	SSIR	VT	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5136	Integrity Micro SR	SSIR	VT	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5138	Affinity Micro SR	SSIR	VT	IS-1	Uni/Bi	—	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5142	Integrity SR	SSIR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5156	Verity ADx XL SR	SSIR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5157	Verity ADx XL SR	SSIR	VV	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5160	Integrity ADx SR	SSIR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5172	Identity SR	SSIR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5174	Fidelity SR	SSIR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5180	Identity ADx SR	SSIR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5184	Fidelity ADx SR	SSIR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5226	Entity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5226L	Entity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual decrease in Mag Rate
5226R	Entity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
5230	Affinity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5230L	Affinity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5230R	Affinity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5231M/S	Affinity DC	DDD	VT	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5232L	Affinity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5232R	Affinity DC	DDD	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5233M/S	Affinity DC	DDD	VT	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5256	Verity ADx XL DC	DDD	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5286	Identity ADx XL DC	DDD	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5326	Entity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5326L	Entity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual decrease in Mag Rate
5326R	Entity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual decrease in Mag Rate
5330	Affinity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5330L	Affinity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5330R	Affinity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5331M/S	Affinity DR	DDDR	VT	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5332L	Affinity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5332R	Affinity DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5333M/S	Affinity DR	DDDR	VT	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5336	Integrity Micro DR	DDDR	VT	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5338	Affinity Micro DR	DDDR	VT	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
5342	Integrity Afx DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5346	Integrity Afx DR	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5348	Affinity DR+	DDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5356	Verity ADx XL DR	DDDR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5357	Verity ADx XL DR	DDDR	VV	5/6	Uni	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5360	Integrity ADx DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5366	Integrity ADx XL DR	DDDR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5368	Fidelity DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5370	Identity DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5374	Fidelity DR+	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5376	Identity XL DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5378	Fidelity XL DR	DDDR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5380	Identity ADx DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5382	Victory AF DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5384	Fidelity ADx DR	DDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5386	Identity ADx XL DR	DDDR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5388	Fidelity ADx XL DR	DDDR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5430	Affinity VDR	VDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5430i	Affinity VDR	VDDR	VT	Quad	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5432	Affirmity VDR	VDDR	VT	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5456	Verity ADx XL	VDDR	VV	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
5456i	Verity ADx XL	VDDR	VV	Quad	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5480	Identity ADx VDR	VDDR	VV	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5610	Victory	SSIR	VW	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5612	Emprise SR	SSIR	VW	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5620	Zephyr SR	SSIR	VW	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5626	Zephyr XL SR	SSIR	VW	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5810	Victory	DDDR	VW	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5812	Emprise DR	DDDR	VW	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5816	Victory XL DR	DDDR	VW	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5818	Emprise XL DR	DDDR	VW	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5820	Zephyr DR	DDDR	VW	IS-1	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5826	Zephyr XL DR	DDDR	VW	IS-1 Comp	Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
1	Micropacer 1	SSI	SPPX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
10	Orion 10	VVI	SNAX	6	Uni	2	70/70	78/68	Single-step Drop in Paced/Mag Rate
30	Orion 30	VVI	SIPX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
30/A	Orion	VVIM	SOPY *	6C	Uni	—	—	—	—
35	Orion 35	VVI	SHPX	IS-1	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
35B	Orion	VVI	SNPY	IS-1	Bi	—	—	—	—
36	Orion 36	VVI	SX or YPX	IS-1	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
36B	Orion	VVI	N/A	IS-1	Bi	—	—	—	—
40	Orion 40	VVI	SCPX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
50	Newcor 50	DDD	GS	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Single-step Drop in Paced/Mag Rate
60	Orion 60	VVI	SSPX	IS-1	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
60B	Orion	VVI	SGPY	IS-1	Bi	—	—	—	—
65	Orion	SSIC	N/A	IS-1	Uni	—	—	—	—
65a	Orion	SSI	—	—	Uni	—	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
65B	Orion	SSI	—	—	Bi	—	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
65C	Orion	SSI	—	—	Uni	—	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
90	Theorema	SSICO	N/A	IS-1	Bi	—	—	—	—
100	Minior	SSICO	50KS	IS-1	Uni/Bi	—	—	—	—
100B	Swing	SSIR	N/A	IS-1	Uni/Bi	—	—	—	—
100C	Swing 100	SSIR	BSX	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
111	LIT	VOO	N/A	6C	Uni	—	—	—	—

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
200	Swing	SSIR	54FS	IS-1	Bi	—	—	—	—
200C	Swing	SSIR	54FS	6C	Uni	—	—	—	—
211	—	VVI	—	—	Uni	—	72/66	83/77	Single-step Drop in Paced/Mag Rate
212	—	VVI	—	—	Uni	—	72/67	85/77	Single-step Drop in Paced/Mag Rate
214	—	VVI	SHAX	6	Uni	2	72/65	90/82	Single-step Drop in Paced/Mag Rate
216	—	VVI	SFAX	6	Uni	2	72/65	90/82	Single-step Drop in Paced/Mag Rate
221	—	VVI	SMAX	6	Uni	2	72/65	86/78	Single-step Drop in Paced/Mag Rate
222	—	VVI	SLAX	6	Uni	2	72/65	90/83	Single-step Drop in Paced/Mag Rate
300	Physiocor 300	VDD	SBPX	5	Uni	2	PR/PI+109ms	PR/PI+109ms	Abrupt Increase (100 ms) in Paced Interval
400L	Physiocor	DDD	SLPY	IS-1	Uni	—	—	—	—
400T	Physiocor 400T	DDD	ASX	IS-1	A:Bi V:Uni	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
610	—	VVI	SFAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate
610/A	—	VVI	SEAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate
620	—	VVI	SGAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate
620/A	Cigmacor	VVI	SGAY *	6C	Uni	—	—	—	—
630	—	VVI	SDAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate
630/A	—	VVI	SDAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate
635B	Sigmacor	VVI	SOAY	IS-1	Bi	—	—	—	—
635U	Sigmacor	VVI	SIAY	IS-1	Uni	—	—	—	—
636	LIT 636	VVI	HSX	IS-1	Uni	2	71	80/73	Single-step Drop in Paced/Mag Rate
650A	—	VVI	SOAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
650B	—	VVI	SRAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate
DL 1	—	VVI	N/A	6C	Uni	—	—	—	—
DR1	Swing DR1	DDDR	—	IS-1	Bi	2	—	—	—
ICV0011	Minior 100	SSI	KSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0012	Swing DR1	DDDR	ESX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0013	Swing VDR1	VDDR	LSX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0015	Swing 200	SSIR	—	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0016	Swing 200C	SSIR	—	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0042	Minilit 100	VVI	USX	IS-1	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0043	Minilit 100B	VVI	SSX	IS-1	Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0044	Minior 100	SSI	RSX	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0045	Minior 36	VVI	YSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0046	Minior 35 Coated	VVI	YSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0047	Minior 36C	VVI	SDX	6	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0048	Minior 36C	VVI	SDX	6	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0049	Minior 65	VVI	ZDX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0051	Minior 65C	VVI	SEX	6	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0052	Minior 65C	VVI	SEX	6	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0053	Theorema 100	SSI	WSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0054	Theorema 100 Coated	SSI	WSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0055	Theorema 100C	SSI	SFX	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
ICV0056	Theorema 100C	SSI	SFX	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0060	Minior 65 Coated	SSI	ZSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0078	Minidual L 50	DDD	VSX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0079	MiniSwing DR1	DDDR	XSX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0080	MiniSwing VDR1	VDDR	SCX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0081	MiniSwing 200	SSIR	SBX(1)	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0082	Living 1	DDDR	SAX	IS-1	Uni/Bi Tri/Uni	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0093	Minidual 50 Coated	DDD	VSX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0221	MiniSwing DR1	DDDR	ESX	IS-1P	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0222	MiniSwing VDR1	VDDR	SCX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0223	MiniSwing 200	SSIR	SBX(1)	IS-1	Uni/Bi	2	PR/PI+100ms	80/93	Abrupt Increase (100 ms) in Paced Interval
ICV0224	MiniSwing 200C	SSIR	SGX(1)	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0225	MiniSwing 200C	SSIR	SGX(1)	6	Uni	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
ICV0226	Swing DR1	DDDR	ESX	5	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0227	Swing DR1	DDDR	ESX	5	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0328	Minidual 50 S Coated	DDD	SIX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0329	Minidual 50 S Coated	DDD	SIX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0507	Living 1 Plus	DDDR	SLX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0509	MiniSwing VDR4 E	VDDR	SRX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
ICV0510	MiniSwing VDR4	VDDR	SRX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
LIT 620/A	---	VVI	SGAX	6	Uni	2	72/66	85/78	Single-step Drop in Paced/Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
LIT 635 (SIAX)	LIT 635 (SIAX)	VVI	SIAX	IS-1	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
LIT 635 (SOAX)	LIT 635 (SOAX)	VVI	SOAX	IS-1	Bi	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
LIT 636	LIT 636 (ISX)	VVI	ISX	IS-1	Bi	2	70	80/73	Single-step Drop in Paced/Mag Rate
LIT III	— VOO	—	6	Uni	2	72/66	85/78		Abrupt Increase (100 ms) in Paced Interval
Orion 30 (SOPX)	Orion 30	VVI	SOPX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 35 (SNPX)	Orion 35	VVI	SNPX	IS-1	Bi	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 60 (BSX)	Orion 60	SSI	BSX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 60 (JSX)	Orion 60	SSI	JSX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 60 (SAPX)	Orion 60	SSI	SAPX	5	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 60 (SGPX)	Orion 60	VVI	SGPX	IS-1	Bi	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 60 (SJPX)	Orion 60	SSI	SJPX	IS-1	Bi	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Orion 60 (SKPX)	Orion 60	SSI	SKPX	IS-1	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
Physcr400(SDPX)	Physiocror 400	DDD	SDPX	5	Uni	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase (100 ms) in Paced Interval
Physcr400(SLPX)	Physiocror 400	DDD	SLPX	IS-1	Uni	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
Physcr400(SZPX)	Physiocror 400	DDD	SZPX	IS-1	Uni/Bi	2	PR/PI+100ms	PR/PI+100ms	Abrupt Increase (100 ms) in Paced Interval
Physiocror 400T	Physiocror 400T	DDD	DSX	IS-1	Uni	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
POO59	Minior 100	SSI	KSX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
POO74	Swing VDR1	VDDR	LSX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
POO76	Swing DR1	DDDR	ESX	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
POO77	Swing 200	SSIR	—	IS-1	Uni/Bi	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval
POO719	Swing 200C	SSIR	—	6	Uni	2	PR/PI+100ms	90/83	Abrupt Increase (100 ms) in Paced Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
POO0722	Minior 100	SSI	KSX	6	Uni	2	PR/PI+100ms	80/73	Single-step Drop in Paced/Mag Rate
SWING 100	Swing 100	SSIR	SGPX	IS-1	Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
THEOREMA 90	Theorema 90	SSI	STPX	IS-1	Uni/Bi	2	PR/PI+100ms	80/73	Abrupt Increase (100 ms) in Paced Interval
VDR1	Swing VDR1	VDDR	LS	IS-1	A:Bi V:Uni	2	—	—	—

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
1202	Meta MV	SSIR	TWI	IS-1 Comp	Bi	2	PR/PR	99/<93/80	Gradual Decrease in Mag Rate
1204	Meta II	SSIR	TAW	IS-1 Comp	Uni/Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
1204H	Meta II	SSIR	TVM	VS-1A	Uni/Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
1206	Meta III	SSIR	TQZ	VS-1A	Uni/Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
1206C	Meta III	SSIR	TCW	IS-1 Comp	Uni/Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
1206E	Meta III	SSIR	TLM	6C InLineBi	Uni/Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
1206M	Meta III	SSIR	TMM	5BiIf/Bi	Uni/Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
120B	—	VVI	—	5	Uni	6/SD	74/67	74/67	Gradual Decrease in Paced/Mag Rate
1210	Sentri	SSIR	TCW	IS-1 Comp	Uni/Bi	2	PR/PR	100/80	Gradual Decrease in Mag Rate
1230	Meta	DDD DDDC/VVIR	TMZ	IS-1 Comp	Uni/Bi	2	PR/PR	>85/<78/63	Gradual Decrease in Mag Rate
1250	Meta	DDDR DDDR	TZV	IS-1 Comp	Uni/Bi	2	PR/PR	>85/<78/63	Gradual Decrease in Mag Rate
1250H	Meta	DDDR DDDR	TQM	VS-1A	Uni/Bi	2	PR/PR	>85/<78/63	Gradual Decrease in Mag Rate
1254	Meta	DDDR DDDR	TBM	VS-1A	A:Uni/Bi V:Bi	2	PR/PR	>85/<78/63	Gradual Decrease in Mag Rate
1256	Meta	DDDR DDDR	TAL	VS-1A	A:Uni/Bi V:Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
1256B	Meta	DDDR DDDR	TIL	IS-1 Comp	Bi	2	—	—	Gradual decrease in magnet rate
1256D	Meta	DDDR DDDR	TEL	IS-1 A:Uni/Bi	V:Bi	2	PR/PR	100/82.5/80	Gradual Decrease in Mag Rate
129	—	VOO	—	5	Uni	6/SD	74/67	—	Gradual Decrease in Paced Rate
130B	—	VVI	—	5	Uni	6/SD	74/67	74/67	Gradual Decrease in Paced/Mag Rate
130BE	—	VVI	—	5	Uni	6/SD	72/65	72/62	Gradual Decrease in Paced/Mag Rate
140B	—	VVI	—	5	Uni	6/SD	74/67	74/67	Gradual Decrease in Paced/Mag Rate
147	Optima	VVI	TAI	5/6	Uni	2	72/65	95/84	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
147B	Optima	VVI	TAI	5/6	Uni	2	72/65	95/84	Gradual Decrease in Mag Rate
147S	Optima	VVI	TAI	invert	5/6 Uni	2	72/65	95/84	Gradual Decrease in Mag Rate
147SA	Optima	SA	VVI	TVI	5Bif/Bi	Bi	2	70/70 99/85	Gradual Decrease in Mag Rate
149	---	VOO	--	5	Uni	6/SD	74/67	---	Gradual Decrease in Paced Rate
150B	---	VVI	--	5	Uni	6/SD	74/67	74/67	Gradual Decrease in Paced/Mag Rate
150L	Monolithic	9V	VVI	---	5 Uni	6/SD	74/67	74/67	Gradual Decrease in Paced/Mag Rate
155	Optima	MP	SSI	TBP	5/6 Uni	2	PR/PR	99/85/60	Gradual Decrease in Paced/Mag Rate
155S	Optima	MP	SSI	TBP	invert 5/6 Uni	2	PR/PR	99/85/60	Gradual Decrease in Mag Rate
158	Optima	MP II	SSI	TKT	IS-1 Comp Uni	2	PR/PR	99/85/60	Gradual Decrease in Mag Rate
158B	Optima	MP	SSI	---	5/6 Uni	2	PR/PR	99/85/60	Gradual Decrease in Mag Rate
158C	Optima	MP II	SSI	TPV	IS-1 Comp Uni	2	PR/PR	99/85/60	Gradual Decrease in Mag Rate
159	---	VOO	---	5	Uni	6/SD	74/67	---	Gradual Decrease in Paced Rate
160B II	---	VVI	---	5	Uni	2	72/65	72/65	Gradual Decrease in Paced/Mag Rate
160B	Slimline	VVI	---	5	Uni	2	72/65	72/65	Gradual Decrease in Paced/Mag Rate
161	Slimline	VVI	---	5/6	Uni	2	72/65	72/65	Gradual Decrease in Paced/Mag Rate
169 -	--	VOO	---	5	Uni	2	72/65	72/65	Gradual Decrease in Paced Rate
274	Optima	VVI	TWQ	5Bif/Bi	Bi	2	PR/PR-6%	95/84	Gradual Decrease in Paced/Mag Rate
274SQ	Optima (square can preOptima)	VVI	---	5Bif/Bi	Bi	2	PR/PR-4%	95/85	Gradual Decrease in Paced/Mag Rate
280	Slimline	VVI	---	5Bif/Bi	Bi	2	72/65	72/65	Gradual Decrease in Paced/Mag Rate
4151	PASAR	AAT	---	5Bif/Bi	Bi	2	---	1610ms/1710ms	Call Manufacturer for Specific Data

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
4171	PASAR	AAD	A	5Bif/Bi	Bi	2 -	—	1000ms/1150ms	Call manufacturer for specific data
4172	PASAR	AAD	B	5Bif/Bi	Bi	2	—	1000ms/1150ms	Call manufacturer for specific data
5241	Optima	SPT	VVI	THV	IS-1 Comp Uni	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5242	Optima	SPT	VVI	TIV	IS-1 Comp Bi	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5243	Optima	SPT	VVI	TJV	5/6 Uni	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5281	Optima	MPT	SSI	THP	5/6 Uni	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5281A	Optima	MPT II	SSI	TWT	IS-1 Comp Uni	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5281B	Optima	MPT II	SSI	TVT	5/6 Uni	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5281C	Optima	MPT II	SSI	TTV	IS-1 Comp Uni	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5281D	Optima	MPT III	SSI	TLZ	IS-1 Comp Uni	2	PR/PR	99/95/85	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5281E	Optima	MPT III	SSI	TKW	6 Uni	6	PR/PR	99/95/85	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5282	Optima	MPT	SSI	TIP	5Bif/Bi	Bi	2 PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5282A	Optima	MPT II	SSI	TLT	IS-1 Comp	Bi	2 PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
5282C	Optima	MPT II	SSI	TVV	IS-1 Comp Bi	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5282D	Optima	MPT III	SSI	TKZ	IS-1 Comp Bi	2	PR/PR	99/85/60	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
5282E	Optima	MPT III	SSI	TJW	6C InLineBi Bi	6	PR/PR	99/95/85	Mag Rate 85 ppm, 20% Basic Rate Reduction, PW Increase to 1.5 ms
6230	Autima III	DDD	TBQ	IS-1 Comp	Uni	2	PR/PR	95/90/84	Gradual Decrease in Mag Rate
6231	Autima IV	DDD	---	IS-1 Comp	Uni/Bi	2	PR/PR	95/90/84	Gradual Decrease in Mag Rate
6291	Aurora	DDD	TET	5/6	Uni	2	PR/PR	>85/80/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
6292	Aurora	DDD	THT	IS-1 Comp	A:Uni V:Uni/Bi	2	PR/PR	>85/80/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
6296	Aurora II	DDD	TZW	VS-1A	Uni/Bi	2	PR/PR	>85/80/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
8218	Reflex	SSI	TCM	VS-1A	Uni/Bi	6	PR/PR	>85/83/63	Gradual Decrease in Mag Rate
8220	Reflex	SSI	TZZ	IS-1 Comp	Uni/Bi	2	PR/PR	>85/83/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
8220E	Reflex	SSI	TTZ	6C InLineBi	Uni/Bi	6	PR/PR	>85/83/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
8222	Reflex	DDD DDD	TWZ	IS-1	Uni/Bi	2	PR/PR	>85/83/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
8223E	Reflex	DDD DDD	TVW	6	Uni	6	PR/PR	>85/83/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
8224	Reflex	DDD DDD	THM	VS-1A	Uni/Bi	2	PR/PR	>85/83/63	Gradual Decrease in Mag Rate
8230	Simplex	VVI	TVZ	IS-1 Comp	Uni/Bi	2	PR/PR	>85/83/63	Gradual Decrease in Mag Rate.Mag Mode Is VOO
8232	Simplex	VVI	TEM	VS-1A	Uni/Bi	6	PR/PR	>85/83/63	Gradual Decrease in Mag Rate
9221	Quadra	DDD	TQT	IS-1 Comp	Uni/Bi	2	PR/PR	>85/83/63	Gradual Decrease in Mag Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
101	Onyx	VVI	V101	5/6	Uni	2	70/68	100/86	Abrupt Increase of 100 ms in Mag Interval
102	Geo 1 SSI	SSI	VC	3.2LP	Uni/Bi	—	PR/PI+100ms	100 (VOO)/ 95 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
104	Onyx	VVI	V104	3.2LP	Bi	2	70/68	100/86	Abrupt Increase of 100 ms in Mag Interval
105	Geo 1 SSI	SSI	VC	5/6	Uni	2	—	—	—
108	Geo 1 SSI	SSI	VC	IS-1	Uni/Bi	—	—	—	—
111	Ceryx-1	VVI	V111	5/6	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
114	Ceryx-1	VVI	V114	3.2LP	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
115	Vita S	SSI	VCK	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
116	Vita S	SSI	VCI	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to VOO from SOO
121	Ceryx-1	VVI	V121	5	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
123	Ceryx-1	VVI	V123	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
124	Ceryx-1	VVI	V124	IS-1	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
126	Legacy II S	SSIR	VCB	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate.
128	Legacy II S	SSIR	VCA	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/ 65 (SOO)	Abrupt decrease in Paced/Mag rate.
130	Vita	SSI	VA	IS-1	Uni/Bi	2	PR/PI+20%	100 (Nb)/91/83	Abrupt Increase of +20% in Paced Interval
140	Vita	VVI	VA	IS-1	Uni/Bi	2	PR/PI+20%	100 (Nb)/91/83	Abrupt Increase of +20% in Paced Interval
150	Legacy S	SSI	VBJ	IS-1 Comp	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt Decrease of -10% in Programmed Rate

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
151	Legacy S	SSI	VBK	5/6	Uni	2	PR/PR-10%	PR/PR-20%	Abrupt Decrease of -10% in Programmed Rate
152	Legacy S	SSI	VBL	5Bif/Bi	Uni/Bi	2	PR/PR-10%	PR/PR-20%	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
201	Finesse	SSI	V201	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
202	Finesse	SSI	V202	IS-1	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
203	Ultra Finesse	SSI	V203	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
204	Ultra Finesse	SSI	V204	IS-1	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
205	Finesse Primo	VVI	V205	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
206	Finesse Primo	VVI	V206	IS-1	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
220	Jade II	SSI	VB	IS-1	Uni/Bi	2	PR/PI+100ms	100/95/86	Abrupt Increase of 100 ms in Paced/Mag Interval
221	Jade II	SSI	VB	5/6	Uni	2	PR/PI+100ms	100/95/86	Abrupt Increase of 100 ms in Paced/Mag Interval
230	Vita 2 SSI	SSI	VC	IS-1	Uni/Bi	---	PR/PI+100ms	100 (VOO)/95 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
232	Vita 2 SSI	SSI	VC	3.2LP	Uni	2	VVI	86 (VOO)	---
235	Vita 2 SSI	SSI	VC	5/6	Uni	---	---	---	---
310	Vita VVIR	VVIR	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (VOO)/95 (VOO), 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
311	Ceryx-3	SSI	V311	5/6	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
313	Ceryx 3	VVI	V 313	---	---	2	---	---	---
314	Ceryx-3	SSI	V314	3.2LP	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
315	Vita VVIR	VVIR	V315	5/6	Uni	2	PR/PI+100ms (VVI)	100 (VOO)/95 (VOO), 86 (VOO)	Abrupt Increase of in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
321	Ceryx-3	SSI	V321	5	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
323	Ceryx-3	SSI	V323	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
324	Ceryx-3	SSI	V324	IS-1 Comp	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
340	Jade 3 SSI	SSIR	VC	IS-1	Uni/Bi	—	PR/PI+100ms	100 (VOO)/ 95 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
345	Jade 3 SSI	SSI	VC	5/6	Uni	—	—	—	—
400	Vitesse	VDD	V400	IS-1	Uni/Bi(S)	2	PR/PI+100ms	100 (VOO)/ 95 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
401	Onyx4	VVI	V401	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
410	Vita VDD	VDD	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (VOO)/95 (VOO), 86(VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
415	Vita SR	SSIR	VCH	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate.
416	Visa SR	SSIR	VCG	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate.
425	Visa D	DDD	VCF	5/6	Uni	2	PR/65 (SSI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
426	Visa D	DDD	VCE	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
435	Visa DR	DDDR	VCD	5/6	Uni	2	PR/65 (SSI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
436	Visa DR	DDDR	VCC	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
500	Topaz B	SSIR	V500	IS-1	Uni/Bi(S)	2	PR/PI+100ms (SSI)	100 (SOO)/ 95 (SOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
501	Rhythmyx	VVIR	V501	5	Uni	2	PR/PI+100ms (VVI)	100 (VOO)/ 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
503	Rhythmyx	VVIR	V503	IS-1	Uni	2	PR/PI+100ms (VVI)	100 (VOO)/86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
505	Rhythmyx II	VVIR	V505	IS-1	Uni	2	PR/PI+100ms (VVI)	100 (VOO)/86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
515	Topaz	SSIR	V515	IS-1	Uni	2	PR/PI+100ms (SSI)	100 (SOO)/86 (SOO)	Abrupt Increase of 100 ms in Paced/Mag interval
517	Topaz	SSIR	V517	5	Uni	2	PR/PI+100ms (VVI)	100 (SOO)/95 (SOO), 86 (SOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
519	Topaz	SSIR	V519	6	Uni	2	PR/PI+100ms (VVI)	100 (SOO)/95 (SOO), 86 (SOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
520	Topaz II	SSIR	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (SOO)/95 (SOO), 86 (SOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
521	Topaz II	SSIR	VB	5/6	Uni	2	PR/PI+100ms (VVI)	100 (SOO)/95 (SOO), 86 (SOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
526	Legacy II SR	SSIR	VBV	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate.
528	Legacy II SR	SSIR	VBW	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate.
530	Vita II SSIR	SSIR	VC	IS-1	Uni/Bi	—	PR/PI+100ms	100 (VOO)/95 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
532	Vita II SSIR	SSIR	VC	3.2LP	Uni/Bi	2	VVI	86 (VOO)	—
535	Vita II SSIR	SSIR	VC	5/6	Uni	—	—	—	—
540	Topaz III SSIR	SSIR	VC	IS-1	Uni/Bi	—	PR/PI+100ms	100 (VOO)/95 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
542	Topaz III SSIR	SSIR	VC	3.2LP	Uni/Bi	2	VVI	86 (VOO)	—
545	—	SSI	VC	5/6	Uni	—	—	—	—

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
550	Legacy SR	SSIR	VBA	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
551	Legacy SR	SSIR	VBB	5/6	Uni	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
552	Legacy SR	SSIR	VBC	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (SOO)/65 (SOO)	Abrupt decrease in Paced/Mag rate. Mode change to SSI from SSIR
562	Opal MV	SSIR	VBE9	3.2LP	Bi	2	—	—	—
600	Saphir	VDDR	V600	IS-1	Uni/Bi(S)	2	PR/PI+100ms (VVI)	100 (DOO)/95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
601	Saphir	VDDR	—	IS-1	—	2	—	—	—
611	Ceryx-6	SSI	V611	5/6	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
614	Ceryx-6	SSI	V614	3.2LP	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
620	Saphir II	VDDR	VB	IS-1	Uni/Bi	2 (VVI)	PR/PI+100ms 95 (VOO)	100 (VOO)/	Abrupt Increase of 100 ms in Paced/Mag Interval
621	Ceryx-6	SSI	V621	5	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
623	Ceryx-6	SSI	V623	IS-1	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
624	Ceryx-6	SSI	V624	IS-1	Bi	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
627	Saphir II	VDDR	VB	IS-1	Bi	2	—	—	Abrupt decrease in magnet rate
630	Vita II VDD	VDD	VC	IS-1	A:Bi V:Uni/Bi	—	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
640	Saphir III VDDR	VDDR	VC	IS-1	A:Bi V:Uni/Bi	—	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
700	Ruby	DDD	V700	IS-1	Uni/Bi(S)	2	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
701	Harmony	DDD	V701	5	Uni	2	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
703	Harmony	DDD	V703	IS-1	Uni	2	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
704	Harmony II	DDD	V704	IS-1	Uni/Bi(S)	2	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
705	Harmony II	DDD	V705	5	Uni	2	PR/PI+100ms (VVI)	100 (DOO)/86 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
707	Ruby	DDD	V707	5	Uni	2	PR/PI+100ms (VVI)	100 (DOO)/95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
710	Vita DDD	DDD	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (DOO)/95 (VOO) 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
712	Geo I DDD	DDD	VC	3.2LP	Uni/Bi	—	—	—	—
715	Geo I DDD	DDD	VC	5	Uni	2	VVI	86 (VOO)	—
720	Ruby II	DDD	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (DOO)/95 (VOO)	Abrupt decrease in magnet rate
724	Geo I DDD	DDD	VC	IS-1	Uni/Bi	—	PR/PI+100ms	100 (DOO)/95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
726	Legacy II D	DDD	VBU	IS-1 Comp	Uni/Bi	2	PR/65 (SSI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
728	Legacy II D	DDD	VBT	IS-1	Uni/Bi	2	PR/65 (SSI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
730	Vita II DDD	DDD	VC	IS-1	Uni/Bi	—	PR/PI+100ms	100 (DOO)/95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval
732	Vita II DDD	DDD	VC	3.2LP	Uni/Bi	2	VVI	86 (VOO)	—

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)	
735	Vita II DDD	DDD	---	5	Uni	---	---	---	---	
740	Ruby III DDD	DDD	VC	IS-1	Uni/Bi	---	PR/PI+100ms	100 (DOO)/95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	
742	Ruby III DDD	VVIR	---	3.2LP	Uni/Bi	2	VVI	86 (VOO)	-	-
745	Ruby III DDD	DDD	---	5	Uni	---	---	---	---	
750	Legacy D	DDD	VBM	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate	
751	Legacy D	DDD	VBN	5	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.	
800	Diamond	DDDR	V800	IS-1	Uni/Bi(S)	2	PR/PI+100ms (VVI)	100 (DOO)/95 (VOO), 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	
801	Diamond	DDDR	V801	5	Uni	2	PR/PI+100ms (VVI)	100 (DOO)/95 (VOO), 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	
810	Vita DDDR	DDDR	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (DOO)/95 (VOO), 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	
820	Diamond II	DDDR	VB	IS-1	Uni/Bi	2	PR/PI+100ms (VVI)	100 (DOO)/95 (VOO), 86 (VOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	
826	Legacy II DR	DDDR	VBR	IS-1 Comp	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.	
828	Legacy II DR	DDDR	VBP	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.	
830	Vita II DDDR	DDDR	VC	IS-1	Uni/Bi	---	PR/PI+100ms	100 (DOO)/ 95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	
832	---	DDDR	---	3.2LP	Uni	2	VVI	86 (VOO)	---	
835	---	DDDR	---	5/6	Uni/Bi	---	---	---	---	
840	Diamond III	DDDR	VC	IS-1	Uni/Bi	---	PR/PI+100ms	100 (DOO)/ 95 (DOO)	Abrupt Increase of 100 ms in Paced/Mag Interval	

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
842	DDDR	DDDR	---	3.2LP	Uni/Bi	2	VVI	86 (VOO)	---
845	DDDR	DDDR	---	5	Uni	---	---	---	---
850	Legacy DR	DDDR	VBF	IS-1	Uni/Bi	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
851	Legacy DR	DDDR	VBG	5	Uni	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
852	Legacy DR	DDDR	VBH	IS-1 Comp	Bi(P) Uni/Bi(S)	2	PR/65 (VVI)	85 (DOO)/65 (VOO)	Abrupt decrease in Paced/Mag rate.
860	Clarity DDDB	DDDR	VC	IS-1	Uni/Bi	2	PR/PI+100ms	100 (DOO)/95 (DOO)	Abrupt Increase of 100 ms in Paced/ Mag Interval
862	Clarity DDDB	DDDR	---	3.2LP	Uni/Bi	2	VVI	86 (VOO)	---
865	Clarity DDDB	DDDR	---	5	Uni	2	---	---	---
911	Quintech TX	VVIR	V911	5/6	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
915	Quintech TX	VVIR	V915	5/6	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
919	Model 919	VVIR	V919	5	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
921	Quintech DPG	VVI	V921	5/6	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
931	Quintech DDD	DDD	V931	5	Uni	2	PR/PI+100ms	100/86	Abrupt Increase of 100 ms in Paced/Mag Interval
C1122	---	VVI	VC1122	VIT	Uni	Screw	70/70	100/90	Gradual Decrease in Mag Rate
C1142	---	VVI	VC1142	VIT	Uni	Screw	70/70	100/90	Gradual Decrease in Mag Rate
C2000	Vitalith	VVI	---	---	Uni	S (1X)	---	---	---
C2001	Vitalith	VOO	---	VIT	Uni	S (1X)	---	---	Gradual decrease in magnet rate
C2010	Vitalith	VVI	---	---	Uni	S (1X)	---	---	---
C2011	Vitalith	VOO	N/A	VIT	Uni	S (1X)	---	---	Gradual decrease in magnet rate
C2120	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---

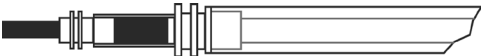
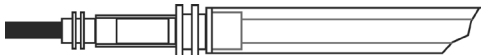
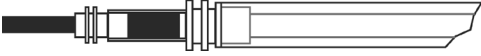
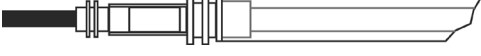
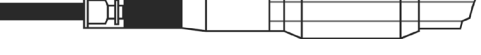

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
C2121	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2130	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2131	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2140	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2141	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2200	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C2210	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C2220	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C2221	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2231	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C2241	Vitalith	VVI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C23	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C2331	Vitalith	AAI	---	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
C3000	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C3010	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C3100	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C3110	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C3200	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C3210	Vitalith	VVI	N/A	---	Uni	S (1X)	---	---	---
C4122	---	VVI	VC4122	VIT	Uni	Screw	70/70	100/90	Gradual Decrease in Mag Rate
C4142	---	VVI	VC4142	VIT	Uni	Screw	70/70	100/90	Gradual Decrease in Mag Rate

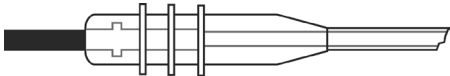
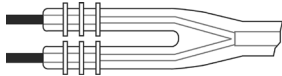
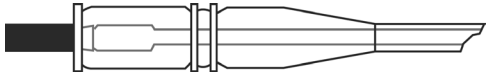
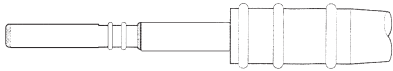
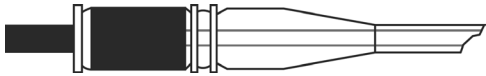
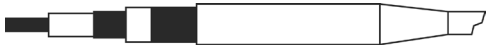
Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
C42	Vitalith	---	N/A	---	---	S (1X)	---	---	---
C5122	---	VVI	VC5122	5/6	Uni	2	70/70	100/90	Abrupt Increase of 100 ms in Paced/Mag Interval
DPG1	---	SSI	VDPG	VIT	Uni	S (1X)	---	---	---
P1122	---	VVI	VP1122	VIT	Uni	Screw	PR/PR	100/90	Gradual Decrease in Mag Rate
P1142	---	VVI	VP1142	VIT	Uni	Screw	PR/PR	100/90	Gradual Decrease in Mag Rate
P4122	---	VVI	VP4122	VIT	Uni	Screw	PR/PR	100/90	Gradual Decrease in Mag Rate
P4142	---	VVI	VP4142	VIT	Uni	Screw	PR/PR	100/90	Gradual Decrease in Mag Rate
P42	---	---	N/A	---	---	S (1X)	---	---	---
S3001	---	VOO	V3001	VIT	Uni	Screw	70/66	---	Gradual Decrease in Paced/Mag Rate
S3011	---	VOO	V3011	VIT	Uni	Screw	70/66	---	Gradual Decrease in Paced/Mag Rate
S3121	---	VVI	V3121	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
S3122	Vitalith	---	N/A	---	---	S (1X)	---	---	Gradual Decrease in Paced/Mag Rate
S3131	---	VVI	V3131	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
S6000	Vitalith	---	N/A	---	---	S (1X)	---	---	---
S6001	Vitalith	VOO	V6001	VIT	Uni	Screw	70/66	---	Gradual Decrease in Paced/Mag Rate
S6011	Vitalith	VOO	V6011	VIT	Uni	Screw	70/66	---	Gradual Decrease in Paced/Mag Rate
S6100	Vitalith	---	N/A	---	---	S (1X)	---	---	---
S6120	Vitalith	VVI	V6120	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
S6121	Vitalith	VVI	V6121	VIT	Uni	Screw	PR/PR-4ppm	95/89	Gradual Decrease in Paced/Mag Rate
S6131	Vitalith	VVI	V6131	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
S6200	Vitalith	---	N/A	---	---	S (1X)	---	---	---

Model No.	Model Name	NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI MAG Rate	Elective Replacement Indicator (ERI)
S6221	Vitalith	VVI	V6221	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
S6231	Vitalith	VVI	V6231	VIT	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
S6361	—	AAI	V6361	---	Uni	Screw	70/66	95/89	Gradual Decrease in Paced/Mag Rate
TX2	—	---	N/A	---	---	---	---	---	---

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Abbreviation	Pin Name	Description	
IS-1	IS-1/VS-1 Bipolar	Connector, 3.2 mm, sealing rings, short pin	
IS-1	IS-1/VS-1 Unipolar	Connector, 3.2 mm, sealing rings, short pin IS-1 lead pin has proximal ring protection, VS-1 may not	
3.2C	3.2 mm C Bipolar	Connector, 3.2 mm, sealing rings, long pin, Cordis-style connector	
3.2C	3.2 mm C Unipolar	Connector, 3.2 mm, sealing rings, long pin, Cordis-style connector	
3.2LP	3.2 mm LP Bipolar	Connector, 3.2 mm, low profile, no sealing rings, long pin, Medtronic-style connector	
3.2LP	3.2 mm LP Unipolar	Connector, 3.2 mm, no sealing rings, long pin	

Abbreviation	Pin Name	Description	
5	5 mm Unipolar	Connector, 5 mm, standard, sealing rings, long pin	
5Bif	5 mm Bif. Standard	Connector, 5 mm, bifurcated, standard, bipolar	
6	6 mm C Unipolar	Connector, 6 mm, sealing rings, short pin, Cordis-style connector	
6 In-Line	6 mm In-Line Bipolar	Connector, 6 mm, in-line, sealing rings	
6L	6 mm Bipolar Linear	Connector, 6 mm, coaxial connector	
Tri	Model 4400 3.2 mm Low Profile	Connector, 3.2 mm, low profile, tripolar, no sealing rings, short pin	

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
130-018	—/RA/RV	---	---	Ext/Ret Screw	---
330-132	—/RA/RV	---	---	Ext/Ret Screw	---
330-133	—/RA/RV	---	---	Ext/Ret Screw	---
350 973	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
350 974	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
350 975	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
501171	Myo/RV	Uni	5	Screw	Silicone
501181	Myo/RV	Uni	IS-1	Screw	Silicone
AE-60-I-2	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60-K	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60-K-10	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60-KS-10	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60/2-FH	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60/2-KB	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60/2-N	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60/4-FH	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60/4-N	Endo/---	Uni	Bayonet	Passive	Silicone
AE-60/4-YC	Endo/---	Uni	Bayonet	Screw	Silicone
AE-60/4-YR	Endo/---	Uni	Bayonet	Ext/Ret Screw	Silicone
AE-85-K	Endo/---	Uni	Bayonet	Passive	Silicone
AE-85-K-10	Endo/---	Uni	Bayonet	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
AE-85-KS-10	Endo/---	Uni	Bayonet	Passive	Silicone
AE-85/2-FH	Endo/---	Uni	Bayonet	Passive	Silicone
AE-85/2-KB	Endo/---	Uni	Bayonet	Passive	Silicone
AE-85/2-N	Endo/---	Uni	Bayonet	Passive	Silicone
AE-85/4-FH	Endo/RV	Uni	Bayonet	Sickle Hooks	---
AE-85/4-N	Endo/---	Uni	Bayonet	Passive	Silicone
AE-85/4-YR	Endo/---	Uni	Bayonet	Ext/Ret Screw	Silicone
AE/60-2-12	—/---	---	---	Passive	---
AE/60-2-I2	—/---	Uni	---	---	---
AM-50	Myo/---	Uni	Bayonet	Suture	Silicone
AMV-50	Myo/---	Uni	Bayonet	Suture	Silicone
DFH-45-A	Endo/RA/RV	Uni	5	Passive	Silicone
DFH-45-UP	Endo/RA/RV	Uni	IS-1	Passive	Silicone
DFH53-A	Endo/RA/RV	Uni	5	Passive	Silicone
DFH53-UP	Endo/RA/RV	Uni	IS-1	Passive	Silicone
DFH60-A	Endo/RA/RV	Uni	5	Passive	Silicone
DFH60-UP	Endo/RA/RV	Uni	IS-1	Passive	Silicone
DFH60-VSUP	Endo/RV	Uni	IS-1	Passive	Silicone
DJ-45-A	Endo/RA	Uni	5	J+Tines	Silicone
DJ-45-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DJ-53-A	Endo/RA	Uni	5	J+Tines	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
DJ-53-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DJ-60-A	Endo/RA	Uni	5	J+Tines	Silicone
DJ-60-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DJ-60-VSUPUP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DJP 60 VSUP	---/---	---	---	Passive	---
DJP-45-A	Endo/RA	Uni	5	J+Tines	Silicone
DJP-45-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DJP53-A	Endo/RA	Uni	5	J+Tines	Silicone
DJP53-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DJP60-A	Endo/RA	Uni	5	J+Tines	Silicone
DJP60-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
DM-50-A	Myo/RV	Uni	5	Suture	Silicone
DM-50-UP	Myo/RV	Uni	IS-1	Suture	Silicone
DM-50-VSUPUP	Myo/RV	Uni	IS-1	Suture	Silicone
DM50-A	---/RV	Uni	---	Suture	---
DM50-UP	---/RV	Uni	---	Suture	---
DN-53-A	Endo/RV	Uni	5	Passive	Silicone
DN-53-UP	Endo/RV	Uni	IS-1	Passive	Silicone
DN-60-A	Endo/RV	Uni	5	Passive	Silicone
DN-60-B	Endo/RV	Uni	6	Passive	Silicone
DN-60-UP	Endo/RV	Uni	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
DN-60-VSUPUP	Endo/RV	Uni	IS-1	Passive	Silicone
DN-85-A	Endo/---	Uni	5	Passive	Silicone
DN-85-UP	Endo/---	Uni	IS-1	Passive	Silicone
DN53-A	---/---	Uni	---	---	---
DN53-UP	---/---	Uni	---	---	---
DN60/2-A DN	---/RV	Uni	---	Passive	---
DNP-53-A	Endo/RV	Uni	5	Passive	Silicone
DNP-53-UP	Endo/RV	Uni	IS-1	Passive	Silicone
DNP-60-A	Endo/RV	Uni	5	Passive	Silicone
DNP-60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
DNR-53-A	Endo/RV	Uni	5	Passive	Silicone
DNR-53-UP	Endo/RV	Uni	IS-1	Passive	Silicone
DNR-60-A	Endo/RV	Uni	5	Passive	Silicone
DNR-60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
DNR-60-VSUPUP	Endo/RV	Uni	IS-1	Screw	Silicone
DY-53-UP	Endo/RV	Uni	IS-1	Screw	Silicone
DY-60-UP	Endo/RV	Uni	IS-1	Screw	Silicone
DY-60-VSUPUP	Endo/RV	Uni	IS-1	Screw	Silicone
DY60-A DY	---/RV	Uni	---	Screw	---
DY603-A DYC	---/RV	Uni	---	Screw	---
DYC-53-UP	Endo/RV	Uni	IS-1	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
DYC-60-UP	Endo/RV	Uni	IS-1	Screw	Silicone
DYC-60-VSUP	Endo/RV	Uni	IS-1	Screw	Silicone
DYC60-A	—/RV	Uni	—	Screw	—
ELC-35-UP	—/—	Uni	IS-1	Screw	Silicone
ELC-35/S-UP	—/—	Uni	IS-1	Screw	Silicone
ELC-54-A	—/—	Uni	5	Screw	Silicone
ELC-54-UP	—/—	Uni	IS-1	Screw	Silicone
ELC-54/S-UP	—/—	Uni	IS-1	Screw	Silicone
ELOX P-45-BP	—/—	—	—	Ext/Ret Screw	—
ELOX P-53-BP	—/—	—	—	Ext/Ret Screw	—
ELOX P-60-BP	—/—	—	—	Ext/Ret Screw	—
EX-45-BP	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
EX-53-BP	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
EX-60-BP	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
FH-45-BP	Endo/RV	Bi	IS-1	Passive	Silicone
FH53-BP	Endo/RA/RV	Bi	IS-1	Passive	Silicone
FH60-A FH	—/RV	Uni	—	Passive	—
FH60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
FH60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
FH60-VSBP	Endo/RV	Bi	IS-1	Passive	Silicone
FH60-VSUP	Endo/RV	Uni	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
IE-60-I	Endo	Uni	Bayonet	Passive	Silicone
IE-60-K-10	Endo/—	Uni	Bayonet	Passive	Silicone
IE-60-KS-10	Endo/—	Uni	Bayonet	Passive	Silicone
IE-65-I	Endo	Uni	Bayonet	Passive	Silicone
IE-85-I	Endo	Uni	Bayonet	Passive	Silicone
IE-85-K-10	Endo/—	Uni	Bayonet	Passive	Silicone
IE-85-KS-10	Endo/—	Uni	Bayonet	Passive	Silicone
ILK-35-A	—/—	Uni	5	—	Silicone
IVE-185	Endo	Uni	Bayonet	Passive	Silicone
IVE-85	—/—	Uni	Bayonet	Wire	Silicone
JP-45-BP	Endo/RA	Bi	IS-1	J+Tines	Silicone
JP-53-BP	Endo/RA	Bi	IS-1	J+Tines	Silicone
JP-60-BP	Endo/RA	Bi	IS-1	J+Tines	Silicone
JT45	ENDO/RA	Bi	IS-1	J+Tines	Silicone
JT53	ENDO/RA	Bi	IS-1	J+Tines	Silicone
K 10-60-A	Endo/—	Uni	5	Passive	Silicone
K 60-ABP	Endo/RV	Bi	5Bif	Wedge	Silicone
ME-50	—/—	Uni	Bayonet	Screw	Silicone
MEROX 45-JBP	Endo/RA	Bi	IS-1	Passive	—
MEROX 53-BP	Endo/RV	Bi	IS-1	Passive	—
MEROX 53-JBP	Endo/RA	Bi	IS-1	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
MEROX 60-BP	Endo/RV	Bi	IS-1	Passive	---
MEV-50	—/—	Uni	Bayonet	Screw	Silicone
ML-150	Myo/RV	Uni	5	Screw	Silicone
ML-151	Myo/RV	Uni	5	Screw	Silicone
ML-160	Myo/RV	Uni	IS-1	Screw	Silicone
ML-161	Myo/RA/RV	Uni	IS-1	Screw	Silicone
MX-50/01-BP	—/—	Bi	IS-1	Passive	Silicone
MX-50/02-BP	—/—	Bi	IS-1	Passive	Silicone
N-60-A	Endo/RV	Uni	5	Passive	Silicone
N-60-ABP	Endo/RV	Bi	5Bif	Passive	Silicone
N-60-B	Endo/—	Uni	6	Passive	Silicone
N-60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
N-60-VSBP	Endo/—	Bi	IS-1	Passive	Silicone
N-60/2-A	Endo/RV	Uni	5	Passive	Silicone
NE-60-KS-10	Endo/RV	Uni	—	Passive	Silicone
NP 85-BP	—/—	BI	IS-1	Passive	---
NP-53-BP	Endo/RV	Bi	IS-1	Passive	Silicone
NP-60-ABP	Endo/RV	Bi	5Bif	Passive	Silicone
NP-60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
NP-60-VSBP	Endo/RV	Bi	IS-1	Passive	Silicone
NPT-60-UP	Endo/RV	Uni	IS-1/Therm	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
NT-60-A	Endo/RV	Uni	5/Therm	Passive	Silicone
NT-60-UP	Endo/—	Uni	IS-1	Passive	Silicone
NT-60-VSUP	Endo/RV	Uni	IS-1/Therm	Passive	Silicone
PE35/4-ILK	—/—	Uni	5	None	Silicone
PE50/4-DM	Myo/—	Uni	5	Suture	Silicone
PE60-I-2	Endo/—	Uni	5	Passive	Silicone
PE60-J	Endo/—	Uni	5	Passive	Silicone
PE60/2-DN	Endo/—	Uni	5	Passive	Silicone
PE60/2-FH	—/—	Uni	5	Passive	Silicone
PE60/2-I2	Endo/—	Uni	5	Passive	Silicone
PE60/2-I3	Endo/—	Uni	5	Passive	Silicone
PE60/2-K	Endo/—	Uni	5	Passive	Silicone
PE60/2-K-10	Endo/—	Uni	5	Passive	Silicone
PE60/2-KB	Endo/—	Uni	5	Passive	Silicone
PE60/2-N	Endo/—	Uni	5	Passive	Silicone
PE60/3-DJ	Endo/RA	Uni	5	J+Tines	Silicone
PE60/3-DJP	Endo/RA	Uni	5	J+Tines	Silicone
PE60/3-J	Endo/RA	Uni	5	J+Tines	Silicone
PE60/4-D	Endo/—	Uni	5	Passive	Silicone
PE60/4-D2-K	Endo/—	Uni	5	Passive	Silicone
PE60/4-DFH	Endo/—	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PE60/4-DN	Endo/---	Uni	5	Passive	Silicone
PE60/4-DNB	Endo/---	Uni	5	Passive	Silicone
PE60/4-DNP	Endo/---	Uni	5	Passive	Silicone
PE60/4-DNR	Endo/---	Uni	5	Passive	Silicone
PE60/4-DY	Endo/---	Uni	5	Screw	Silicone
PE60/4-DYC	Endo/---	Uni	5	Screw	Silicone
PE60/4-FH	Endo/---	Uni	5	Passive	Silicone
PE60/4-K-10	Endo/---	Uni	5	Passive	Silicone
PE60/4-N	Endo/---	Uni	5	Passive	Silicone
PE60/4-Y	---/---	Uni	5	Screw	Silicone
PE60/4-Y2	---/---	Uni	5	Screw	Silicone
PE60/4-YC	---/---	Uni	5	Screw	Silicone
PE60/4-YC2	---/---	Uni	5	Screw	Silicone
PE60/4-YR	Endo/---	Uni	5	Ext/Ret Screw	Silicone
PE60/4-YR2	Endo/---	Uni	5	Ext/Ret Screw	Silicone
PE85-I-2	Endo/---	Uni	5	Passive	Silicone
PE85/2-K	Endo/---	Uni	5	Passive	Silicone
PE85/2-K-10	Endo/---	Uni	5	Passive	Silicone
PE85/2-KB	Endo/---	Uni	5	Passive	Silicone
PE85/4-DN	Endo/---	Uni	5	Passive	Silicone
PE85/4-DY	Endo/---	Uni	5	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PE85/4-DYC	Endo/---	Uni	5	Screw	Silicone
PE85/4-K10	Endo/---	Uni	5	Passive	Silicone
PE85/4-YR2	Endo/---	Uni	5	Ext/Ret Screw	Silicone
PEB60/3-N	Endo/---	Bi	5Bif	Passive	Silicone
PEB60/4-N	Endo/---	Bi	5Bif	Passive	Silicone
PEB85/3-N	Endo/---	Bi	5Bif	Passive	Silicone
PEB85/4-N	Endo/---	Bi	5Bif	Passive	Silicone
PEC60/2-DN	Endo/---	Uni	6	Passive	Silicone
PEC60/2-I2	Endo/---	Uni	6	Passive	Silicone
PEC60/2-K	Endo/---	Uni	6	Passive	Silicone
PEC60/2-K-10	Endo/---	Uni	6	Passive	Silicone
PEC60/2-N	Endo/---	Uni	6	Passive	Silicone
PEC60/3-DJ	Endo/---	Uni	6	Passive	---
PEC60/3-DJP	Endo/---	Uni	6	Passive	---
PEC60/4-D2-K	Endo/---	Uni	6	Passive	Silicone
PEC60/4-DFH	Endo/RV	Uni	6	Passive	Silicone
PEC60/4-DN	Endo/---	Uni	6	Passive	Silicone
PEC60/4-DNB	Endo/---	Uni	6	Passive	Silicone
PEC60/4-DNP	Endo/---	Uni	6	Passive	Silicone
PEC60/4-DNR	Endo/---	Uni	6	Passive	Silicone
PEC60/4-DY	Endo/RV	Uni	6	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PEC60/4-DYC	—/—	Uni	6	Screw	Silicone
PEC60/4-FH	Endo/RV	Uni	6	Passive	Silicone
PEC60/4-K	Endo/—	Uni	6	Passive	Silicone
PEC60/4-K-10	Endo/—	Uni	6	Passive	Silicone
PEC60/4-N	Endo/—	Uni	6	Passive	Silicone
PEC60/4-Y	Endo/—	Uni	6	Ext/Ret Screw	Silicone
PEC60/4-Y2	Endo/—	Uni	6	Screw	—
PEC60/4-YC	Endo/—	Uni	6	Screw	Silicone
PEC60/4-YC-2	Endo/—	Uni	6	Screw	Silicone
PEC60/4-YR	Endo/—	Uni	6	Ext/Ret Screw	Silicone
PEC60/4-YR-2	Endo/—	Uni	6	Ext/Ret Screw	Silicone
PS53-A	Endo/RV	Uni	5	Passive	Silicone
PS53-BP	Endo/RV	Bi	IS-1	Passive	Silicone
PS53-UP	Endo/RV	Uni	IS-1	Passive	Silicone
PS60-A	Endo/RV	Uni	5	Passive	Silicone
PS60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
PS60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
PS60-VSBP	Endo/RV	Bi	IS-1	Passive	Silicone
PS60-VSUP	Endo/RV	Uni	IS-1	Passive	Silicone
PX45-JBP	Endo/RA	Bi	IS-1	J+Tines	Silicone
PX53-BP	Endo/RV	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PX53-JBP	Endo/RA	Bi	IS-1	J+Tines	Silicone
PX53-JUP	Endo/RA	Uni	IS-1	J+Tines	Silicone
PX53-UP	Endo/RV	Uni	IS-1	Passive	Silicone
PX60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
PX60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
RX45-JBP	—/RA	Bi	—	Ext/Ret Screw	—
RX53-BP	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
RX53-JBP	Endo/RA	Bi	IS-1	Ext/Ret Screw	Silicone
RX60-BP	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
SD60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
SD60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
SL60/11-BP	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
SL60/11-UP	Endo/RV	A:Bi V:Uni	IS-1	Passive	Silicone
SL60/13-BP	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
SL60/13-UP	Endo/RV	A:Bi V:Uni	IS-1	Passive	Silicone
SL60/14-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SL60/14-UP	Endo/RV	A:Bi V:Uni	IS-1	Passive	Silicone
SL60/15-BP	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
SL60/15-UP	Endo/RV	A:Bi V:Uni	IS-1	Passive	Silicone
SL60/17-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SL60/17-UP	Endo/RV	A:Bi V:Uni	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
SL65/17-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SLX65/11-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SLX65/13-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SLX65/14-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SLX65/15-BP	Endo/RV	A:Bi V:Bi	IS-1	Passive	Silicone
SLX65/17-BP	—/—	A:Bi V:Bi	IS-1	Passive	—
SR45	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
SR53	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
SR53-BP	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
SR53-UP	Endo/RV	Uni	IS-1	Ext/Ret Screw	Silicone
SR60	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
SR60-BP	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
SR60-UP	Endo/RV	Uni	IS-1	Ext/Ret Screw	Silicone
ST53	Endo/RV	Bi	IS-1	Passive	Silicone
ST60	Endo/RV	Bi	IS-1	Passive	Silicone
SX45-JBP	—/RA	Bi	IS-1	Passive	Silicone
SX53-BP	Endo/RV	Bi	IS-1	Passive	Silicone
SX53-JBP	Endo/RA	Bi	IS-1	Passive	Silicone
SX60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
SX60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
TIJ45-BP TIJ	—/RA	Bi	—	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
TIJ45-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
TIJ53-BP	Endo/RA	Bi	IS-1	J+Tines	Silicone
TIJ53-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
TIJ60-BP	Endo/RA	Bi	IS-1	J+Tines	Silicone
TIJ60-UP	Endo/RA	Uni	IS-1	J+Tines	Silicone
TIR53-A	Endo/RV	Uni	5	Passive	—
TIR53-BP	Endo/RV	Bi	IS-1	Passive	Silicone
TIR53-UP	Endo/RV	Uni	IS-1	Passive	Silicone
TIR60-A	Endo/RV	Uni	5	Passive	Silicone
TIR60-BP	Endo/RV	Bi	IS-1	Passive	Silicone
TIR60-UP	Endo/RV	Uni	IS-1	Passive	Silicone
TIR65-UP	Endo/RV	Uni	IS-1	Passive	—
TIR85-UP	Endo/RV	Uni	IS-1	Passive	Silicone
Y53-BP	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
Y53-UP	—/—	Uni	IS-1	Screw	—
Y53/S-BP	—/—	Bi	IS-1	Screw	—
Y60-A	Endo/RV	Uni	5	Screw	Silicone
Y60-BP	Endo/RV	Bi	IS-1	Screw	Silicone
Y60-UP	Endo/RV	Uni	IS-1	Screw	Silicone
Y60-VSUP	Endo/RV	Uni	IS-1	Screw	Silicone
Y60/15-BP	—/RV	Bi	IS-1	Screw	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
Y60/S-BP	—/—	Bi	IS-1	Screw	—
Y603-A YC	—/RV	Uni	—	Screw	—
YC60-A	Endo/RV	Uni	5	Passive	Silicone
YP53-BP	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
YP53-SBP	Endo/RV	Bi	IS-1	Screw	Silicone
YP53-UP	Endo/RV	Uni	IS-1	Ext/Ret Screw	Silicone
YP53/10-BP	—/—	Bi	IS-1	Screw	—
YP60-BP	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
YP60-UP	Endo/RV	Uni	IS-1	Ext/Ret Screw	Silicone
YR60-A	Endo/RV	Uni	5	Ext/Ret Screw	Silicone
YR60-UP	Endo/RV	Uni	IS-1	Ext/Ret Screw	Silicone
YR60-VSUP	Endo/RV	Uni	IS-1	Ext/Ret Screw	Silicone
YT60-UP	Endo/RV	Uni	IS-1/Therm	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
AT-133	Endo/VDD	Uni	3.2/5Bif	Passive	Poly
AT-134	Endo/VDD	Uni	3.2/5Bif	Passive	Poly
AT-332	Endo/VDD	Uni	3.2/5Bif	Passive	Poly
AT-333	Endo/VDD	Uni	3.2/5Bif	Passive	Poly
AT-334	Endo/VDD	Uni	3.2/5Bif	Passive	Poly
AT-342	Endo/VDD	Uni	IS-1Bif	Passive	Poly
AT-343	Endo/VDD	Uni	IS-1Bif	Passive	Poly
AT-344	Endo/VDD	Uni	IS-1Bif	Passive	Poly
AT-442	Endo/VDD	Uni	IS-1Bif	Passive	Poly
AT-443	Endo/VDD	Uni	IS-1Bif	Passive	Poly
AT-444	Endo/VDD	Uni	IS-1Bif	Passive	Poly
AV-102	Endo/RV	Uni	V:5	Passive	Poly
AV-106	Endo/VDD	Uni	CCS	Passive	Poly
AV-131	Endo/VDD	Uni	CCS	Passive	Poly
AV-132	Endo/VDD	Uni	CCS	Passive	Poly
AV-331	Endo/RV	Uni	3.2LP	Passive	Poly
AV-342	Endo/RV	Uni	IS-1	Passive	---
AV-343	Endo/RV	Uni	IS-1	Passive	---
AV-344	Endo/RV	Uni	IS-1	Passive	---
AV-431	Endo/RV	Uni	CCS	Passive	Poly
AV-442-	Endo/RV	Uni	IS-1	Passive	---

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
AV-443	Endo/RV	Uni	IS-1	Passive	---
AV-444	Endo/RV	Uni	IS-1	Passive	---
BV-114	Endo/RV	Bi	5Bif	Passive	Poly
BV-116	Endo/RV	Bi	5Bif	Passive	Poly
BV-117	Endo/RV	Bi	IS-1	Passive	Poly
BV-317	Endo/RV	Bi	IS-1	Passive	Poly
BV-417	Endo/RV	Bi	IS-1	Passive	Poly
SJ-103	Endo/RA	Uni	5	J+Tines	Poly
SJ-111	Endo/RA	Uni	5	Passive	Poly
SJ-411	Endo/RA	Uni	5	J+Tines	Poly
SJ-412	Endo/RA	Uni	IS-1	J+Tines	Poly
SV-101	Endo/RV	Uni	5	Passive	Poly
SV-105	Endo/RV	Uni	5	Passive	Poly
SV-107	Endo/RV	Uni	5	Passive	Poly
SV-109	Endo/RV	Uni	IS-1	Passive	Poly
SV-307	Endo/RV	Uni	5	Passive	Poly
SV-309	Endo/RV	Uni	IS-1	Passive	Poly
SV-407	Endo/RV	Uni	5	Passive	Poly
SV-409	Endo/RV	Uni	IS-1	Passive	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
8649	Endo/RV	Uni	6	Passive	Silicone
8650	Endo/RV	Bi	5Bif	Passive	Silicone
8659	Endo/RV	Uni	6	Passive	Silicone
8660	Endo/RV	Bi	5Bif	Passive	Silicone
BT204	Endo/---	Bi	5Bif	Passive	Silicone
BW202	Endo/---	Bi	5Bif	Passive	Silicone
M281	Myo/---	Uni	6	Screw	Silicone
M282	Myo/---	Uni	5	Screw	Silicone
S261-4	Endo/---	Uni	6	Screw	Silicone
S261-6	Endo/---	Uni	6	Screw	Silicone
S262-4	---/---	---	---	---	---
S262-6	---/---	---	---	---	---
SR262-4	Endo/---	Bi	5Bif	Ext/Ret Screw	Silicone
SR262-6	Endo/---	Bi	5Bif	Ext/Ret Screw	Silicone
T205J	Endo/RA	Uni	6	J+Tines	Silicone
T206	Endo/---	Bi	5Bif	Passive	Silicone
TU221	Endo/---	Uni	6	Passive	Poly
TU222	Endo/---	Bi	5Bif	Passive	Poly
TU223J	Endo/---	Uni	6	Passive	Poly
TU224J	Endo/---	Bi	5Bif	J+Tines	Poly
UT203	Endo/---	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
UW201	Endo/---	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
203-04 or A	Endo/RV	Uni	6	Passive	Silicone
204-05 or B	Endo/RV	Bi	5Bif	Passive	Silicone
206-07 or C	Endo/RV	Uni	6	Passive	Silicone
207-08 or D	Endo/RV	Bi	5Bif	Passive	Silicone
208-09	Endo/RV	Uni	5	Passive	Silicone
209-10	Endo/RA	Uni	5	J+Tines	Silicone
210-11	Endo/RV	Uni	6	Passive	Poly
211-12	Endo/RV	Bi	5Bif	Passive	Silicone
212-13	Endo/RV	Bi	5Bif	Passive	Poly
213-14	Endo/RA	Uni	5	Passive	Poly
214-15 or E	Endo/RV	Uni	5/6	Passive	Silicone
215-16 or F	Endo/RV	Uni	5/6	Passive	Silicone
218-19 Model I	—/RA	Uni	—	Passive	—
218-19 or I	Endo/RA	Uni	5/6	J+Tines	Silicone
235-36 or Q	Endo/—	Uni	5P, 3T	Passive	—
236-36A or Q	Endo/—	Uni	5P, 3T	Passive	—
236-37 or R	Endo/—	Bi	5P, 3T	Passive	—
236-37A or R	Endo/—	Bi	5P, 3T	Passive	—
K	Endo/RV	Uni	5P, 3T(2)	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
BL-11	Endo/RV	Bi	5Bif	Passive	Silicone
BL-13T	Endo/RV	Bi	5Bif	Passive	Silicone
L-10	Endo/RV	Uni	6C	Passive	Silicone
L-10T	Endo/RV	Uni	6C	Passive	Silicone
L-11	Endo/RV	Uni	6C	Passive	Silicone
L-110	Endo/RV	Uni	6C	Passive	Silicone
L-111	Endo/RV	Bi	5Bif	Passive	Silicone
L-112	Endo/RV	Bi	3.2	Passive	Silicone
L-12	Endo/RV	Uni	6C	Passive	Silicone
L-120	Endo/RV	Uni	6C	Passive	Silicone
L-121	Endo/RV	Bi	5Bif	Passive	Silicone
L-122	Endo/RV	Bi	3.2LP	Passive	Silicone
L-13	Endo/RV	Uni	6	Passive	Silicone
L-130	Endo/—	Uni	6C	Ext/Ret Screw	Silicone
L-131	Endo/—	Bi	5Bif	Ext/Ret Screw	Silicone
L-132	Endo/—	Bi	3.2LP	Ext/Ret Screw	Silicone
L-13T	Endo/—	Uni	6	Passive	Silicone
L-150	Endo/RV	Uni	6C	Passive	Poly
L-151	Endo/RV	Bi	5Bif	Passive	Poly
L-15T	Endo/RV	Uni	6	Passive	Silicone
L-160	Endo/RV	Uni	6C	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
L-161	Endo/RV	Bi	5Bif	Passive	Silicone
L-20	—/RV	Uni	—	Passive	—
L-20C	Endo/—	Uni	6	Passive	Silicone
L-30	—/RV	Uni	—	Suture	—
L-30C	Myo/—	Uni	6	Suture	Silicone
L-40	—/RV	Uni	—	Passive	—
L-40C	Endo/—	Uni	6	Grasping Jaws	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
321-100A	Endo/RA/RV	Uni	3.2C/5/6	Ext/Ret Screw	Silicone
321-100P	Endo/RA/RV	Uni	3.2C	Ext/Ret Screw	Silicone
321-101A	Endo/RA	Uni	3.2C/5/6	Ext/Ret Screw	Silicone
321-101P	Endo/RA	Uni	3.2C	Ext/Ret Screw	Silicone
321-158	Endo/RV	Uni	3.2C	Passive	Silicone
321-158P	Endo/RV	Uni	3.2C	Passive	Silicone
321-159	Endo/RV	Uni	3.2C	Passive	Silicone
321-159A	Endo/RV	Uni	3.2C	Passive	Silicone
321-159P	Endo/RV	Uni	3.2C	Passive	Silicone
321-162	—/—	Uni	---	---	---
321-180	—/—	---	---	---	---
321-258	Endo/RV	Bi	3.2C	Passive	Silicone
321-259	—/—	---	---	---	---
321-458	—/—	---	---	---	---
321-462	—/—	---	---	---	---
321-558	Endo/RV	Bi	3.2C	Passive	Silicone
321-559	—/—	---	---	---	---
321-750	—/—	---	---	---	---
321-752	—/—	---	---	---	---
322-142	Endo/RV	Uni	6	Passive	Silicone
322-144	Endo/RV	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
322-145	Endo/RV	Uni	6	Passive	Silicone
322-146	Endo/RV	Uni	6	Passive	Silicone
322-152	Endo/RV	Uni	6	Passive	Silicone
322-153	Endo/RV	Uni	6	Passive	Silicone
322-154	Endo/RV	Uni	6	Passive	Silicone
322-155	Endo/RV	Uni	6	Passive	Silicone
322-162	Endo/RV	Uni	6	Passive	Silicone
322-163	Endo/RV	Uni	6	Passive	Silicone
322-164	Endo/RV	Uni	6	Passive	Silicone
322-165	Endo/RV	Uni	6	Passive	Silicone
322-166	—/—	---	---	---	---
322-185	—/—	---	---	---	---
322-211	—/—	---	---	---	---
322-216	—/—	---	---	---	---
322-220	Endo/RV	Uni	6	Passive	Silicone
322-245	Endo/RV	Uni	6	Passive	Silicone
322-251	—/—	---	---	---	---
322-256	Endo/RV	Uni	6	Passive	Silicone
322-257	Endo/RV	Uni	6	Passive	Silicone
322-261	Endo/RV	Uni	6	None	Silicone
322-262	—/—	---	---	---	---

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
322-281	--/--	---	---	---	---
322-283	--/--	---	---	---	---
322-362	Endo/---	Uni	6	None	---
322-366	Endo/RV	Uni	6	Passive	Silicone
322-452	Endo/RV	Uni	6	Passive	Silicone
322-462	Endo/RV	Uni	6	Passive	Silicone
322-485	Endo/RV	Uni	6	Passive	Silicone
322-563	--/--	---	---	---	---
322-620	Endo/RV	Uni	6	Passive	Silicone
322-621	Endo/RV	Uni	6	Passive	Silicone
322-652	--/--	---	---	---	---
322-766	--/--	---	---	---	---
322-820	Endo/RV	Uni	6	Passive	Silicone
323-235	--/RA/RV	---	---	---	---
323-243	--/--	---	---	---	---
323-251	--/--	---	---	---	---
323-435	--/RV	---	---	---	---
323-443	Myo/RV	Uni	6	Suture	Silicone
323-451	Myo/RV	Uni	6	Suture	Silicone
323-543	Myo/RV	Uni	6	Suture	Silicone
323-551	Myo/RV	Uni	6	Suture	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
323-643	Myo/---	Uni	6	Suture	Silicone
323-735	--/--	---	---	---	---
323-743	Myo/RA	Uni	6	Suture	Silicone
323-751	Myo/RA	Uni	6	Suture	Silicone
323-758	Endo/CS	Uni	6	None	Silicone
324-258	--/RA	---	---	---	---
324-343	Myo/RA	Uni	6	Suture	Silicone
324-351	Myo/RA	Uni	6	Suture	Silicone
324-443	Myo/RA	Uni	6	Suture	Silicone
324-451	Myo/RA	Uni	6	Suture	Silicone
324-535	--/--	---	---	---	---
324-543	Myo/RV	Uni	6	Suture	Silicone
324-545	Myo/RV	Uni	6	Screw	Silicone
324-551	Myo/RV	Uni	6	Suture	Silicone
324-556	Myo/RV	Uni	6	Screw	Silicone
324-643	Myo/RV	Uni	6	Suture	Silicone
324-651	Myo/RV	Uni	6	Suture	Silicone
324-658	--/--	---	---	---	---
324-846	Myo/RV	Uni	6	Screw	Silicone
324-850	--/--	---	---	---	---
324-856	Myo/RV	Uni	6	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
325-100D	Endo/RV	Bi	5Bif	Passive	Silicone
325-101D	Myo/RA/RV	Uni	6	Screw	Silicone
325-102D	Myo/RA/RV	Uni	6	Screw	Silicone
325-103	--/--	---	---	---	---
325-104	--/--	---	---	---	---
325-105D	Endo/RA/RV	Uni	6	Screw	Silicone
325-106D	Endo/RA/RV	Uni	5	Screw	Silicone
325-107D	Endo/RV	Uni	6	Passive	Silicone
325-108D	Endo/RV	Uni	6	Passive	Silicone
325-109D	Endo/RV	Uni	5	Passive	Silicone
325-110D	Endo/RV	Uni	5	Passive	Silicone
325-111D	Endo/RA/RV	Uni	6	Screw	Silicone
325-112D	Endo/RA/RV	Uni	5	Screw	Silicone
325-113D	Myo/RA/RV	Uni	5	Screw	Silicone
325-114D	Myo/RA/RV	Uni	5	Screw	Silicone
325-117D	Endo/---	Bi	6L	Passive	---
325-118D	Endo/---	Bi	6L	Passive	---
325-121	Endo/RA	Uni	6	J+Tines	Poly
325-122	Endo/RA	Uni	6	J+Tines	Poly
325-123	Endo/RA/RV	Uni	6	Ext/Ret Screw	---
325-125	--/RV	Uni	6	---	---

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
325-135D	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
325-136D	Endo/RA/RV	Uni	6	Ext/Ret Screw	Silicone
325-151	Endo/RV	Bi	5Bif	Passive	Silicone
325-153	--/--	---	---	---	---
325-154	Endo/RV	Bi	6L	Passive	Silicone
325-155	Endo/RV	Bi	6L	Passive	Silicone
325-156	Endo/RV	Bi	6L	Passive	Silicone
325-158A	--/--	---	---	---	---
325-160	Endo/RV	Bi	6L	Passive	Silicone
325-161	Endo/RV	Bi	6L	Passive	Silicone
325-162	Endo/RV	Bi	5Bif	Passive	Silicone
325-163	Endo/---	Bi	6L	Passive	---
325-164	Endo/RV	Bi	6L	Passive	Silicone
325-165	Endo/RV	Bi	6L	Passive	Silicone
325-167	--/--	---	---	---	---
325-248D	Endo/RA/RV	Bi	3.2C	Ext/Ret Screw	Silicone
325-252	Endo/RV	Bi	5Bif	Passive	Silicone
325-253	Endo/RV	Bi	6L	Passive	Silicone
325-254	Endo/RV	Bi	6L	Passive	Silicone
325-258D	Endo/RA/RV	Bi	3.2C	Ext/Ret Screw	Silicone
325-262	Endo/RV	Bi	5Bif	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
325-263	Endo/RV	Bi	6L	Passive	Silicone
325-264	Endo/RV	Bi	6L	Passive	Silicone
325-267	--/--	---	---	---	---
325-342	Endo/RV	Uni	---	Passive	Silicone
325-352	Myo/RA/RV	Uni	3.2C/5/6	Suture	Poly
325-352A	Myo/RA/RV	Uni	3.2C/5/6	Suture	Poly
325-352P	Myo/RA/RV	Uni	3.2C/5/6	Suture	Poly
325-452	Myo/RA/RV	Uni	3.2C/5/6	Suture	Poly
325-452A	Myo/RA/RV	Uni	3.2C/5/6	Suture	Poly
325-452P	Myo/RA/RV	Uni	3.2C/5/6	Suture	Poly
325-458D	--/--	Bi	---	Screw	---
325-752	--/--	---	---	---	---
325-753	--/--	---	---	---	---
326-146	--/--	---	---	---	---
326-148	--/--	---	---	---	---
326-156	--/--	---	---	---	---
326-158	--/--	---	---	---	---
326-159	--/--	---	---	---	---
326-166	--/--	---	---	---	---
326-167	--/--	---	---	---	---
326-168	Endo/RV	Uni	6	Passive	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
326-169	--/--	---	---	---	---
326-245	--/--	---	---	---	---
326-254	--/--	---	---	---	---
326-256	--/--	---	---	---	---
326-258	--/--	---	---	---	---
326-264	--/--	---	---	---	---
326-266	--/--	---	---	---	---
326-268	--/--	---	---	---	---
326-352	Myo/RV	Uni	5	Suture	Poly
326-452	Myo/RV	Uni	5	Suture	Poly
326-768	--/--	---	---	---	---
327-145	Endo/RV	Uni	6	Passive	Poly
327-152	Endo/RV	Uni	6	Passive	Poly
327-152P	Endo/RV	Uni	6	Passive	Poly
327-155	--/--	Uni	6	None	---
327-162	Endo/RV	Uni	6	Passive	Poly
327-162P	Endo/RV	Uni	6	Passive	Poly
327-163P	--/--	Uni	6	None	---
327-245	Endo/RV	Bi	6L	Passive	Poly
327-246	Endo/RV	Bi	6L	Passive	Poly
327-251	--/--	Uni	6	None	---

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
327-252	Endo/RV	Bi	6L	Passive	Poly
327-253	Endo/RV	Bi	6L	Passive	Poly
327-261	—/—	Uni	6	None	---
327-262	Endo/RV	Bi	6L	Passive	Poly
327-263	Endo/RV	Bi	6L	Passive	Poly
327-345	—/—	Uni	6	---	---
327-352	—/—	Uni	6	---	---
327-362	—/—	Uni	6	---	---
327-445	Endo/—	Uni	6	Passive	Poly
327-452	Endo/RV	Uni	6	Passive	Poly
327-452P	Endo/RV	Uni	6	Passive	Poly
327-462	Endo/RV	Uni	6	Passive	Poly
327-462P	Endo/RV	Uni	6	Passive	Poly
327-545	Endo/RV	Bi	6L	Passive	Poly
327-546	Endo/RV	Bi	6L	Passive	Poly
327-552	Endo/RV	Bi	6L	Passive	Poly
327-553	Endo/RV	Bi	6L	Passive	Poly
327-562	Endo/RV	Bi	6L	Passive	Poly
327-563	Endo/RV	Bi	6L	Passive	Poly
327-745	Endo/RA	Uni	6	J+Tines	Poly
327-745P	Endo/RA	Uni	6	J+Tines	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
327-747	Endo/RA	Bi	6L	J+Tines	Poly
327-752	Endo/RA	Uni	6	J+Tines	Poly
327-752P	Endo/RA	Uni	6	J+Tines	Poly
327-754	Endo/RA	Bi	6L	J+Tines	Poly
328-145	Endo/RV	Uni	5	Passive	Poly
328-152	Endo/RV	Uni	5	Passive	Poly
328-162	Endo/RV	Uni	5	Passive	Poly
328-162P	Endo/RV	Uni	5	Passive	Poly
328-245	Endo/RV	Bi	5Bif	Passive	Poly
328-246	Endo/RV	Bi	5Bif	Passive	Poly
328-252	Endo/RV	Bi	5Bif	Passive	Poly
328-253	Endo/RV	Bi	5L	Passive	Poly
328-262	Endo/RV	Bi	5Bif	Passive	Poly
328-263	Endo/RV	Bi	5L	Passive	Poly
328-345	Endo/RV	Bi	5L	Passive	Poly
328-352	Endo/RV	Uni	5	Passive	Poly
328-362	Endo/RV	Uni	5	Passive	Poly
328-362P	Endo/RV	Uni	5	Passive	Poly
328-445	Endo/RV	Bi	5Bif	Passive	Poly
328-446	—/—	Uni	5	---	---
328-452	Endo/RV	Bi	5Bif	Passive	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
328-453	—/—	Uni	5	---	---
328-462	Endo/RV	Bi	5Bif	Passive	Poly
328-463	—/—	Uni	5	---	---
328-545	Endo/RV	Bi	5Bif	Passive	Poly
328-546	Endo/RV	Bi	5Bif	Passive	Poly
328-552	Endo/RV	Bi	5Bif	Passive	Poly
328-553	Endo/RV	Bi	5Bif	Passive	Poly
328-562	Endo/RV	Bi	5Bif	Passive	Poly
328-563	Endo/RV	Bi	5Bif	Passive	Poly
328-645	Endo/RV	Bi	5Bif	Passive	Poly
328-646	Endo/RV	Bi	5Bif	Passive	Poly
328-652	Endo/RV	Bi	5Bif	Passive	Poly
328-653	Endo/RV	Bi	5Bif	Passive	Poly
328-662	Endo/RV	Bi	5Bif	Passive	Poly
328-663	Endo/RV	Bi	5Bif	Passive	Poly
328-751	—/—	Uni	5	---	---
328-752	Endo/RA	Uni	5	J+Tines	Poly
328-752P	Endo/RA	Uni	5	J+Tines	Poly
329-100	Endo/RA/RV	Uni	3.2C/5/6	Ext/Ret Screw	Poly
329-100A	Endo/RA/RV	Uni	3.2C/5/6	Ext/Ret Screw	Poly
329-100P	Endo/RA/RV	Uni	3.2C/5/6	Ext/Ret Screw	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
329-101A	Endo/RA	Uni	3.2C/5/6	Ext/Ret Screw	Poly
329-101P	Endo/RA/RV	Uni	3.2C/5/6	Ext/Ret Screw	Poly
329-152	Endo/RV	Uni	3.2C	Passive	---
329-153	Endo/RV	Uni	3.2C	Passive	---
329-156	—/—	Uni	3.2C	---	---
329-157	—/—	Uni	3.2C	---	---
329-158	Endo/RV	Uni	3.2C/5/6	Passive	Poly
329-158A	Endo/RV	Uni	3.2C/5/6	Passive	Poly
329-158P	Endo/RV	Uni	3.2C/5/6	Passive	Poly
329-159	Endo/RV	Uni	3.2C/5/6	Passive	Poly
329-159A	Endo/RV	Uni	3.2C/5/6	Passive	Poly
329-159P	Endo/RV	Uni	3.2C/5/6	Passive	Poly
329-162	Endo/RV	Uni	3.2C	Passive	---
329-163	Endo/RV	Uni	3.2C	Passive	---
329-180	—/—	Uni	3.2C	---	---
329-200	Endo/RA/RV	Bi	3.2C	Screw	---
329-252	Endo/RV	Bi	3.2C	Passive	Poly
329-253	Endo/RV	Bi	3.2C	Passive	Poly
329-256	—/—	Bi	3.2C	---	---
329-257	—/—	Bi	3.2C	---	---
329-258	Endo/RV	Bi	3.2C	Passive	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
329-259	Endo/RV	Bi	3.2C	Passive	Poly
329-262	Endo/RV	Bi	3.2C	Passive	---
329-263	Endo/RV	Bi	3.2C	Passive	---
329-300P	---/---	Bi	3.2C	Screw	Poly
329-358	---/---	Uni	3.2C	---	---
329-359	---/---	Uni	3.2C	---	---
329-748	Endo/RA	Uni	3.2C/5/6	Passive	Poly
329-748A	Endo/RA	Uni	3.2C/5/6	Passive	Poly
329-748P	Endo/RA	Uni	3.2C/5/6	Passive	Poly
329-749	Endo/RA	Bi	3.2C	Passive	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
(XJR 536)	—/—	Uni	IS-1	Ext/Ret Screw	—
(XJR 546)	—/—	Bi	IS-1	Ext/Ret Screw	—
(XJR 636)	—/—	Uni	IS-1	Ext/Ret Screw	—
(XJR 646)	—/—	Bi	IS-1	Ext/Ret Screw	—
BA 3060	Endo	Bi	ELA Stanium	Passive	—
BJ 44	Endo/RA	Bi	IS-1	J+Tines	—
BJ 45	Endo/RA	Bi	IS-1	Passive	—
BJF24D	Endo/RA/RV	Bi	IS-1	Passive	Silicone
BJF25D	Endo/RA/RV	Bi	IS-1	Passive	Silicone
BR 45D	Endo	Bi	IS-1	Ext/Ret Screw	—
BR 46D	Endo	Bi	IS-1	Ext/Ret Screw	—
BRA 3060	Endo	Bi	ELA Stanium	Passive	—
BRF25D	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
BRF26D	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
BS 45	—/—	Bi	IS-1	Screw	—
BS 46	—/—	Bi	IS-1	Screw	—
BT 45D	—/—	Bi	IS-1	Passive	—
BT 46	Endo	Bi	IS-1	Passive	—
BT 46D	Endo	Bi	IS-1	Passive	—
BTF25D	Endo/RA/RV	Bi	IS-1	Passive	Silicone
BTF26D	Endo/RA/RV	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
BUS 860	Endo/RV	Bi	5Bif	Passive	Silicone
BUS 890	Endo/RV	Bi	5Bif	Passive	Silicone
FBAF	—/—	Bi	5Bif	Passive	—
HMO	—/—	Uni	5	Passive	—
HMO 660	Myo/RV	Uni	5	Screw	Silicone
HMO 690	Myo/RV	Uni	5	Screw	Silicone
J 43F	Endo/RA	Uni	IS-1	Passive	—
J 81F	Endo/RA	Uni	5	J+Tines	Silicone
J 83F	Endo/RA	Uni	IS-1	J+Tines	Silicone
J 84F	Endo/RA	Bi	IS-1	J+Tines	Silicone
MA 2260	Endo/RV	Uni	ELA Stanium	Passive	—
MA 2280	Endo/RV	Uni	ELA Stanium	Passive	—
MAM 1260	Endo/RV	Uni	5	Passive	Silicone
MAM 1290	Endo/RV	Uni	5	Passive	Silicone
MCF 860	Endo/RV	Uni	6	Passive	—
MDM 1060	Endo/RV	Uni	5	Passive	Silicone
MDM 1090	Endo/RV	Uni	5	Passive	Silicone
ML 150	Myo/RV	Uni	5	Screw	Silicone
MUM 860	Endo/RV	Uni	5	Passive	Silicone
MUM 890	Endo/RV	Uni	5	Passive	Silicone
MVM 1260	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
MVM 1290	Endo/RV	Uni	5	Passive	Silicone
MVM 860	Endo/RV	Uni	5	Passive	Silicone
MVM 890	Endo/RV	Uni	5	Passive	Silicone
NAM 1260	Endo/RV	Uni	6	Passive	—
PBAF 860	Endo/RV	Bi	5Bif	Passive	—
PBCF 860	Endo/RV	Bi	5Bif	—	—
PICF	—/—	Bi	IS-1	Passive	—
PICF 860	Endo/—	Bi	IS-1	Passive	—
PMA 860	Endo/RV	Uni	5	Passive	Silicone
PMAF 860	Endo	Uni	5	Passive	—
PMC 460	Endo	Uni	5	—	—
PMC 860	Endo	Uni	5	Passive	—
PMCF 860	Endo/RV	Uni	5	—	—
RA 500	—/—	Bi	ELA Stanium	—	—
S 83F	Endo/RA/RV	Uni	IS-1	Screw	Silicone
S 83V	Endo/RV	Uni	IS-1	—	Silicone
S 84F	Endo/RA/RV	Bi	IS-1	—	Silicone
S 84V	Endo/RV	Bi	IS-1	—	Silicone
SA 500	—/—	Uni	ELA Stanium	—	—
SAM 350	Endo/RV	Uni	5	Passive	Silicone
SAM 500	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
T 43	Endo/RV	Uni	IS-1	Passive	Silicone
T 43F	Endo/RV	Uni	IS-1	Passive	Silicone
T 44	Endo/RV	—	—	Passive	—
T 44F	Endo/RV	Bi	IS-1	Passive	Silicone
T 81	Endo/RV	Uni	5	Passive	Silicone
T 81F	Endo/RV	Uni	5	Passive	Silicone
T 82F	Endo/RV	Bi	5Bif	Passive	Silicone
T 83	Endo/RV	Uni	IS-1	Passive	Silicone
T 83F	Endo/RA/RV	Uni	IS-1	Screw	Silicone
T 84F	Endo/RV	Bi	IS-1	Passive	Silicone
UF 45	—/—	Uni	IS-1	Passive	—
UJ 45	Endo/RA	Uni	IS-1	Passive	—
UR 45D	—/—	Uni	IS-1	Ext/Ret Screw	—
UR 46D	—/—	Uni	IS-1	Ext/Ret Screw	—
US 45	—/—	Uni	IS-1	Screw	—
US 46	—/—	Uni	IS-1	Screw	—
UT 40	Endo/RV	Uni	IS-1	Passive	—
UT 40D	Endo/RV	Uni	IS-1	Passive	—
UT 45	Endo/RV	Uni	IS-1	Passive	—
UT 45D	Endo/RV	Uni	IS-1	Passive	—
UT 46	Endo/RV	Uni	IS-1	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
UT 46D	Endo/RV	Uni	IS-1	Passive	—
UTF26D	Endo/RA/RV	Uni	IS-1	Passive	Silicone

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
0010		Endo/RV	Bi	5Bif	Passive	Silicone
0011		Endo/RV	Bi	3.2LP	Passive	Silicone
0012		Endo/RV	Bi	5Bif	Passive	Silicone
0013		Endo/RV	Bi	IS-1	Passive	Silicone
0014	SWEET TIP	Endo/RA/RV	Bi	5Bif	Screw	Silicone
0015	SWEET TIP	Endo/RA/RV	Bi	IS-1	Screw	Silicone
0030		Myo/RV	Uni	5	Screw	Silicone
0056		Endo/RA/RV	Bi	5Bif	Screw	Silicone
4000		Endo/VDD	Tri	5/6	Passive	Silicone
4001		Endo/VDD	Tri	5/6	Passive	Silicone
4002		Endo/VDD	Tri	5/6	Passive	Silicone
4010		Endo/RV	Uni	5	Passive	Silicone
4011		Endo/RA	Uni	5	Passive	Silicone
4012	SWEET TIP	Endo/RA/RV	Uni	5	Screw	Silicone
4015	FLEXION	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4016	FLEXION	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4017	FLEXION	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4018	FLEXION	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4019		Endo/RV	Uni	IS-1	Passive	Silicone
4021		Endo/RV	Uni	IS-1	Passive	Silicone
4022		Endo/RA	Bi	IS-1	J+Tines	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4023		Endo/RA	Uni	IS-1	J+Tines	Poly
4024		Endo/RA	Bi	IS-1	J+Tines	Poly
4025		Endo/RA	Uni	IS-1	J+Tines	Poly
4026		Endo/RV	Bi	IS-1	Passive	Poly
4027		Endo/RV	Uni	IS-1	Passive	Poly
4028		Endo/RV	Bi	IS-1	Passive	Poly
4029		Endo/RV	Uni	IS-1	Passive	Poly
4030	SELUTE PICOTIP	Endo/RV	Uni	IS-1	Passive	Silicone
4031	SELUTE PICOTIP	Endo/RV	Uni	IS-1	Passive	Silicone
4032	SELUTE PICOTIP	Endo/RV	Uni	IS-1	Passive	Silicone
4033	SELUTE PICOTIP	Endo/RV	Bi	IS-1	Passive	Silicone
4034	SELUTE PICOTIP	Endo/RV	Bi	IS-1	Passive	Silicone
4035	SELUTE PICOTIP	Endo/RV	Bi	IS-1	Passive	Silicone
4036		Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
4037		Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
4038		Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Poly
4039		Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
4042		Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Poly
4043	SELUTE PICOTIP AJ	Endo/RA	Bi	IS-1	J+Tines	Silicone
4044	SELUTE PICOTIP AJ	Endo/RA	Bi	IS-1	J+Tines	Silicone
4045		Myo/RV	Uni	IS-1	Screw	Silicone

Lead Model	Lead Name	Placement/ Location	Connector Polarity	Size	Fixation	Insulation
4046		Myo/RV	Bi	IS-1	Screw	Silicone
4047		Myo/RV	Bi	IS-1	Screw	Silicone
4050	SWEET PICOTIP Rx	Endo/RA/RV	Uni	IS-1	Screw	Silicone
4051	SWEET PICOTIP Rx	Endo/RA/RV	Uni	IS-1	Screw	Silicone
4052	SWEET PICOTIP Rx	Endo/RA/RV	Uni	IS-1	Screw	Silicone
4053	SWEET PICOTIP Rx	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4054	SWEET PICOTIP Rx	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4055	SWEET PICOTIP Rx	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4056		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
4057		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
4058		Myo/RV	Uni	IS-1	Screw	Silicone
4063	SELUTE PICOTIP AJ	Endo/RA	Bi	IS-1	J+Tines	Silicone
4064	SELUTE PICOTIP AJ	Endo/RA	Bi	IS-1	J+Tines	Silicone
*4080	FLEXTEND	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4081	FLEXTEND	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4082	FLEXTEND	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4086	FLEXTEND	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4087	FLEXTEND	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4088	FLEXTEND	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4095	FLEXTEND 2	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone

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Lead Model	Lead Name	Placement/ Location	Connector Polarity	Size	Fixation	Insulation
*4096	FLEXTEND 2	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4097	FLEXTEND 2	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4109		Endo/RV	Uni	6	Passive	Silicone
4110		Endo/RV	Uni	6	Passive	Silicone
4111		Endo/RV	Uni	6	Passive	Silicone
4112		Endo/RV	Uni	6	Passive	Silicone
4113		Endo/RV	Uni	6	Passive	Silicone
4114		Endo/RV	Uni	6	Passive	Silicone
4115		Endo/RV	Uni	6	Passive	Silicone
4116		Endo/RV	Uni	6	Passive	Silicone
4117		Endo/RV	Uni	6	Passive	Silicone
4118		Endo/RV	Uni	6	Passive	Silicone
4129		Endo/RV	Uni	6	Passive	Silicone
4130		Endo/RV	Uni	6	Passive	Silicone
4131		Endo/RV	Uni	6	Passive	Silicone
4133		Endo/RV	Uni	6	Passive	Silicone
4135	Dextrus	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4136	Dextrus	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4137	Dextrus	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4143	SWEET TIP Rx	Endo/RA/RV	Uni	IS-1	Screw	Silicone

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4154		Endo/RV	Uni	3.2LP	Passive	Silicone
4156		Endo/RA	Uni	6	Passive	Silicone
4157		Endo/RA	Uni	6	Passive	Silicone
4160		Endo/RV	Uni	3.2LP	Passive	Silicone
4161		Endo/RV	Uni	IS-1	Passive	Silicone
4162	DEXATIP	Endo/RV	Uni	IS-1	Passive	Silicone
4165	SWEET TIP	Endo/RA/RV	Uni	6	Screw	Silicone
4166	SENTRA	Endo/RA/RV	Uni	3.2LP	Screw	Silicone
4168	SWEET TIP	Endo/RA/RV	Uni	3.2LP	Screw	Silicone
4169	SWEET TIP	Endo/RA/RV	Uni	IS-1	Screw	Silicone
4170	SENTRA	Endo/RA	Uni	3.2LP	Passive	Silicone
4171		Endo/RA	Uni	IS-1	J+Tines	Silicone
4180	IONYX	Endo/RV	Uni	IS-1	Passive	Silicone
4185	SELUTE	Endo/RV	Uni	IS-1	Passive	Silicone
4190	IONYX	Endo/RA	Uni	IS-1	J+Tines	Silicone
4193	SELUTE AJ	Endo/RA	Uni	IS-1	J+Tines	Silicone
4194	SELUTE AJ	Endo/RA	Uni	IS-1	J+Tines	Silicone
4209		Endo/RV	Bi	5Bif	Passive	Silicone
4210		Endo/RV	Bi	5Bif	Passive	Silicone
4211		Endo/RV	Bi	5Bif	Passive	Silicone
4218		Endo/RV	Bi	5Bif	Passive	Silicone

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4225		Endo/RV	Bi	5Bif	Passive	Silicone
4226		Endo/RV	Bi	5Bif	Passive	Silicone
4227		Endo/RV	Bi	5Bif	Passive	Silicone
4229		Endo/RV	Bi	5Bif	Passive	Silicone
4230		Endo/RV	Bi	5Bif	Passive	Silicone
4231		Endo/RV	Bi	5Bif	Passive	Silicone
4243	SWEET TIP Rx	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4244	SWEET TIP Rx	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4245	SWEET TIP Rx	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4250		Endo/RV	Bi	5Bif	Passive	Silicone
4254		Endo/RV	Bi	3.2LP	Passive	Silicone
4256		Endo/RA	Bi	5Bif	Passive	Silicone
4257		Endo/RA	Bi	5Bif	Passive	Silicone
4260		Endo/RV	Bi	3.2LP	Passive	Silicone
4261		Endo/RV	Bi	IS-1	Passive	Silicone
4262	DEXATIP	Endo/RV	Bi	IS-1	Passive	Silicone
4266	SENTRA	Endo/RA/RV	Bi	3.2LP	Screw	Silicone
4268	SWEET TIP	Endo/RA/RV	Bi	3.2LP	Screw	Silicone
4269	SWEET TIP	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4270	SENTRA	Endo/RA	Bi	3.2LP	Passive	Silicone
4271		Endo/RA	Bi	IS-1	J+Tines	Silicone

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4280	IONYX	Endo/RV	Bi	IS-1	Passive	Silicone
4285	SELUTE	Endo/RV	Bi	IS-1	Passive	Silicone
4290	IONYX	Endo/RA	Bi	IS-1	J+Tines	Silicone
4293	SELUTE AJ	Endo/RA	Bi	IS-1	J+Tines	Silicone
4294	SELUTE AJ	Endo/RA	Bi	IS-1	J+Tines	Silicone
4305	SITELINE 2	Endo/RA	Bi	IS-1	Ext/Ret Screw	Silicone
4310		Myo/RV	Uni	5	Screw	Silicone
4311		Myo/RV	Uni	5	Screw	Silicone
4312		Myo/RV	Uni	5	Screw	Silicone
4313		Myo/RV	Uni	5	Screw	Silicone
4314		Myo/RV	Uni		Screw	Silicone
4315		Myo/RV	Uni	3.2LP	Screw	Silicone
4316		Myo/RV	Uni	IS-1	Screw	Silicone
4320		Myo/RV	Uni	5	Screw	Silicone
4321		Myo/RV	Uni	IS-1	Screw	Silicone
4322		Myo/RV	Uni	IS-1	Screw	Silicone
*4340	SELUTE PICOTIP VDD	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
*4341	SELUTE PICOTIP VDD	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
*4342	SELUTE PICOTIP VDD	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
*4343	SELUTE PICOTIP VDD	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone

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Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
*4381	GLIDELINE XR	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
*4382	GLIDELINE XR	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
*4383	GLIDELINE XR	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
*4384	GLIDELINE XR	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4385	GLIDELINE XR	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4386	GLIDELINE XR	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4387	GLIDELINE XR	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
*4388	GLIDELINE XR	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
*4400	PRECEPT	Endo/RV	Tri	3.2 LP	Passive	Silicone
*4439		Endo/RA	Bi	IS-1	Ext/Ret Screw	Silicone
*4440		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4441		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
*4444		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4450	FINELINE I	Endo/RV	Bi	IS-1	Passive	Poly
4451	FINELINE I	Endo/RV	Bi	IS-1	Passive	Poly
4452	FINELINE II	Endo/RV	Bi	IS-1	Passive	Poly
4453	FINELINE II	Endo/RV	Bi	IS-1	Passive	Poly
4454	FINELINE II	Endo/RV	Bi	IS-1	Passive	Silicone
4455	FINELINE II	Endo/RV	Bi	IS-1	Passive	Silicone
4456	FINELINE II Sterox	Endo/RV	Bi	IS-1	Passive	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4457	FINELINE II Sterox	Endo/RV	Bi	IS-1	Passive	Poly
4458	FINELINE II Sterox	Endo/RV	Bi	IS-1	Passive	Silicone
4459	FINELINE II Sterox	Endo/RV	Bi	IS-1	Passive	Silicone
4460	FINELINE I EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4461	FINELINE I EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4462	FINELINE I EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4463	FINELINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4464	FINELINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4465	FINELINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4466	FINELINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4467	FINELINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4468	FINELINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4469	FINELINE II EZ Sterox	Endo/RA/RV	Bi	IS-1	Screw	Poly
4470	FINELINE II EZ Sterox	Endo/RA/RV	Bi	IS-1	Screw	Poly
4471	FINELINE II EZ Sterox	Endo/RA/RV	Bi	IS-1	Screw	Poly
4472	FINELINE II EZ Sterox	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4473	FINELINE II EZ Sterox	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4474	FINELINE II EZ Sterox	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4475	FINELINE I	Endo/RA	Bi	IS-1	J+Tines	Poly
4476	FINELINE I	Endo/RA	Bi	IS-1	J+Tines	Poly
4477	FINELINE II	Endo/RA	Bi	IS-1	J+Tines	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4478	FINELINE II	Endo/RA	Bi	IS-1	J+Tines	Poly
4479	FINELINE II Sterox AJ	Endo/RA	Bi	IS-1	Passive	Poly
4480	FINELINE II Sterox AJ	Endo/RA	Bi	IS-1	Passive	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
401-02		Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
404-01		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
404-04		Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
405-01		Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
405-03		Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
405-04		Endo/RV	Uni	IS-1	J+Ext/Ret Screw	Silicone
406-04		Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
407-04		Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
420-01	Biopore	Endo/RV	Bi, Bi for Temp	IS-1	Passive	Poly
420-02	Cardifix	Endo/RV	Bi, Bi for Temp	IS-1	Screw	Poly
420-03	Biopore	Endo/RV	Bi, Bi for Temp	IS-1	Passive	Poly
420-04		Endo/RV	Bi, Bi for Temp	IS-1	Passive	Poly
420-05		Endo/RV	Bi, Bi for Temp	IS-1	Passive	Poly
420-06		Endo/RA/RV	Bi, Bi for Temp	IS-1	Passive	Poly
420-07		Endo/RA/RV	Bi, Bi for Temp	IS-1	Screw	Poly
420-12		Endo/RV	Bi, Bi for Temp	IS-1	Passive	Poly
420-14		Endo/RV	Bi, Bi for Temp	IS-1	Passive	Poly
421-01	Biopore	Endo/RV	Uni, Bi for Temp	IS-1	Passive	Poly
421-02	Cardifix	Endo/RA/RV	Uni, Bi for Temp	IS-1	Screw	Poly
421-03	Biopore	Endo/RV	Uni, Bi for Temp	IS-1	Passive	Poly
421-05	Thermistor	Endo/RV	Uni, Bi for Temp	IS-1	Passive	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
421-07	Cardifix	Endo/RV	Uni, Bi for Temp	IS-1	Screw	Poly
425-02	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Poly
425-04	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Poly
425-06	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Poly
425-11	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Silicone
425-13	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Silicone
425-31	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Silicone
425-33	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Silicone
425-36	UniPass VDD	Endo/VDD	A:Bi(S) V:Uni(P/S)	IS-1Bif	Passive	Silicone
426-31	UniPass VDD	Endo/VDD	A:Bi(S) V:Bi(P/S)	IS-1Bif	Passive	Silicone
426-33	UniPass VDD	Endo/VDD	A:Bi(S) V:Bi(P/S)	IS-1Bif	Passive	Silicone
426-36	UniPass VDD	Endo/VDD	A:Bi(S) V:Bi(P/S)	IS-1Bif	Passive	Silicone
430-01	Biopore	Endo/RV	Bi	IS-1	Passive	Poly
430-02	Biopore	Endo/RV	Bi	IS-1	Passive	Poly
430-05		Endo/RV	Bi	IS-1	Passive	Poly
430-07	IROX	Endo/RV	Bi	IS-1	Passive	Poly
430-10	ThinLine	Endo/RV	Bi	IS-1	Passive	Poly
431-02		Endo/RV	Uni	IS-1	Passive	Poly
431-04	Biopore	Endo/RV	Uni	IS-1	Passive	Poly
431-06		Endo/RV	Uni	IS-1	Passive	Poly
431-07	IROX	Endo/RV	Uni	IS-1	Passive	Poly

Intermedics IS-1/VS-1 unipolar lead pins may not have a protective proximal ring. If a protective ring is not present, do not apply a proximal setscrew to the lead.

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
432-01		Endo/RA	Bi	IS-1	J+Tines	Poly
432-02	Biopore	Endo/RA	Bi	IS-1	J+Tines	Poly
432-03	IROX	Endo/RA	Bi	IS-1	J+Tines	Poly
432-04	ThinLine	Endo/RA	Bi	IS-1	J+Tines	Poly
433-02	Biopore	Endo/RA	Uni	IS-1	J+Tines	Poly
433-03	IROX	Endo/RA	Uni	IS-1	J+Tines	Poly
435-02	Cardifix	Endo/RA/RV	Uni	IS-1	Screw	Poly
435-03		Endo/RV	Uni	IS-1	Passive	Poly
435-04		Endo/RA/RV	Uni	IS-1	Passive	Poly
435-05	Cardifix EZ	Endo/RA/RV	Uni	IS-1	Screw	Poly
435-07	Cardifix EZ	Endo/RA/RV	Uni	IS-1	Screw	Poly
435-08	Cardifix XRI	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
436-01	Biopore	Endo/RV	Bi	IS-1	Passive	Silicone
436-02	Biopore	Endo/RV	Bi	IS-1	Passive	Silicone
436-07	IROX	Endo/RV	Bi	IS-1	Passive	Silicone
437-01	Biopore	Endo/RV	Uni	IS-1	Passive	Silicone
437-02	Biopore	Endo/RV	Uni	IS-1	Passive	Silicone
437-07		Endo/RV	Uni	VS-1	Passive	Silicone
438-01	Cardifix	Endo/RA/RV	Bi	IS-1	Screw	Poly
438-02		Endo/RV	Bi	IS-1	Passive	Poly
438-03		Endo/RA/RV	Bi	IS-1	Passive	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
438-05	Cardifix EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
438-07	Cardifix EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
438-10	ThinLine EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
438-25S		Endo/RA/RV	Bi	IS-1	Screw	Silicone
439-02		Myo/RV	Uni	IS-1	Screw	Silicone
439-04		Myo/RA/RV	Uni	IS-1	Suture	Poly
439-07		Myo/RA/RV	Uni	IS-1	Screw	Silicone
461-01		Endo/RV	Uni	6	Passive	Silicone
463-01		Endo/RV	Uni	6	Passive	Silicone
463-02	Lifeline	Endo/RV	Uni	6	Passive	Silicone
465-01	Lifeline	Endo/RV	Uni	6	Passive	Silicone
465-02	Lifeline	Endo/RV	Uni	6	Passive	Silicone
466-01	Lifeline	Endo/RV	Bi	5Bif	Passive	Silicone
467-01	Lifeline	Endo/RV	Uni	6	Passive	Silicone
467-02	Lifeline	Endo/RV	Uni	6	Passive	Silicone
471-01	Lifeline	Myo/RV	Uni	5	Screw	Silicone
471-02	Lifeline	Myo/RV	Uni	5	Screw	Silicone
471-03	Lifeline	Myo/RV	Uni	5	Screw	Silicone
471-04	Lifeline	Myo/RV	Uni	5	Screw	Silicone
471-07	Lifeline	Myo/RV	Uni	5/6	Screw	Silicone
471-09	Lifeline	Myo/RV	Uni	5/6	Screw	Silicone

Intermedics IS-1/VS-1 unipolar lead pins may not have a protective proximal ring. If a protective ring is not present, do not apply a proximal setscrew to the lead.

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
473-03	Polyflex	Myo/RA	Uni	5/6	Suture	Poly
476-01	Lifeline	Endo/RV	Bi	5Bif	Passive	Silicone
476-02	Lifeline	—/RV	Bi	—	Passive	—
476-03	PolyFlex	Endo/RV	Bi	5Bif	Passive	Poly
476-04	Lifeline	Endo/RV	Bi	5Bif	Passive	Silicone
476-06	Lifeline	Endo/RV	Bi	5Bif	Passive	Silicone
476-07		Endo/RV	Bi	5Bif	Passive	Poly
477-01	Lifeline TLE	Endo/RV	Uni	6	Passive	Silicone
477-02	Lifeline TLE	Endo/RV	Uni	6	Passive	Silicone
479-01	PolyFlex	Endo/RA/RV	Uni	5/6	Screw	Poly
479-05	PolyFlex	Endo/RA/RV	Uni	5/6	Screw	Silicone
480-01	PolyFlex	Endo/RA/RV	Bi	6 In-line	Screw	Poly
483-01	PolyFlex	Endo/RA	Uni	5	J+Tines	Poly
483-02	PolyFlex	Endo/RA	Uni	5	J+Tines	Poly
483-03	PolyFlex	Endo/RA	Uni	5/6	J+Tines	Poly
483-04	PolyFlex	Endo/RA	Uni	5/6	J+Tines	Poly
483-05		Endo/RA	Uni	5/6	J+Tines	Poly
483-06	PolyFlex	Endo/RA	Uni	5/6	J+Tines	Poly
483-07		Endo/RA	Uni	5/6	J+Tines	Poly
483-08		Endo/RA	Uni	5/6	Passive	Silicone
483-09	Biopore	Endo/RA	Uni	5/6	Passive	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
484-01	Lifeline TLE	Endo/RV	Bi	6 In-line	Passive	Silicone
484-02	Lifeline	Endo/RV	Bi	6 In-line	Passive	Silicone
484-03	Lifeline	Endo/RV	Bi	6 In-line	Passive	Silicone
485-02	Lifeline	Endo/RV	Uni	5	Passive	Silicone
486-01	PolyFlex	Endo/RV	Bi	6 In-line	Passive	Poly
486-02		Endo/RV	Bi	6 In-line	Passive	Poly
486-03		Endo/RV	Bi	6 In-line	Passive	Poly
487-02	Lifeline TLE	Endo/RV	Uni	5	Passive	Silicone
487-05	Lifeline	Endo/RV	Uni	5/6	Passive	Silicone
487-06		Endo/RV	Uni	5/6	Passive	Silicone
487-07	Lifeline	Endo/RV	Uni	5/6	Passive	Silicone
490-01	PolyFlex	Endo/RA	Bi	5Bif	J+Tines	Poly
492-01	PolyFlex	Endo/RA	Bi	6 In-line	Passive	Poly
492-02		Endo/RA	Bi	6 In-line	J+Tines	Poly
492-03		Endo/RA	Bi	6 In-line	Passive	Poly
493-01	PolyFlex	Endo/RV	Uni	6	Passive	Poly
493-03	PolyFlex	Endo/RV	Uni	5/6	Passive	Poly
493-04	PloyFlex	Endo/RV	Uni	5/6	Passive	Poly
493-05	Biopore	Endo/RV	Uni	5/6	Passive	Poly
493-07	Biopore	Endo/RV	Uni	5/6	Passive	Poly
493-08		Endo/RV	Uni	5/6	Passive	Poly

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
495-01	PolyFlex	Endo/RV	Uni	5	Passive	Poly
4089	CARDIFIX XRS	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4090	CARDIFIX XRS	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4091	CARDIFIX XRS	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
4350	THINLINE	Endo/RA	Bi	IS-1	J+Tines	Poly
4351	THINLINE	Endo/RA	Bi	IS-1	J+Tines	Poly
4352	THINLINE	Endo/RV	Bi	IS-1	Passive	Poly
4353	THINLINE	Endo/RV	Bi	IS-1	Passive	Poly
4354	THINLINE EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4355	THINLINE EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4356	THINLINE EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4357	THINLINE II AJ	Endo/RA	Bi	IS-1	J+Tines	Poly
4358	THINLINE II AJ	Endo/RA	Bi	IS-1	J+Tines	Poly
4359	THINLINE II	Endo/RV	Bi	IS-1	Passive	Poly
4360	THINLINE II	Endo/RV	Bi	IS-1	Passive	Poly
4361	THINLINE II	Endo/RV	Bi	IS-1	Passive	Silicone
4362	THINLINE II	Endo/RV	Bi	IS-1	Passive	Silicone
4363	THINLINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4364	THINLINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4365	THINLINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4366	THINLINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone

Lead Model	Lead Name	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4367	THINLINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4368	THINLINE II EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4369	THINLINE II STEROX	Endo/RA	Bi	IS-1	Passive	Poly
4371	THINLINE II STEROX	Endo/RV	Bi	IS-1	Passive	Poly
4372	THINLINE II STEROX	Endo/RA/RV	Bi	IS-1	Passive	Poly
4373	THINLINE II STEROX	Endo/RV	Bi	IS-1	Passive	Silicone
4374	THINLINE II STEROX	Endo/RV	Bi	IS-1	Passive	Silicone
4375	THINLINE II STEROX EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4376	THINLINE II STEROX EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4377	THINLINE II STEROX EZ	Endo/RA/RV	Bi	IS-1	Screw	Poly
4378	THINLINE II STEROX EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4379	THINLINE II STEROX EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone
4380	THINLINE II STEROX EZ	Endo/RA/RV	Bi	IS-1	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
3830	Endo/RA/RV	Bi	IS-1	Screw	Poly
4002	Endo/RV	Bi	3.2LP	Passive	Poly 80A
4003	Endo/RV	Uni	5	Passive	Poly 80A
4003M	Endo/RV	Uni	IS-1	Passive	Poly 80A
4004	Endo/RV	Bi	3.2LP	Passive	Poly 80A
4004M	Endo/RV	Bi	IS-1	Passive	Poly 80A
4011	Endo/RV	Uni	5	Passive	Poly 80A
4012	Endo/RV	Bi	3.2LP	Passive	Poly 80A
4016	Endo/RA/RV	Bi	3.2LP	Screw	Poly 80A
4016A	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Poly 80A
4023	Endo/RV	Uni	IS-1	Passive	Poly
4024	Endo/RV	Bi	IS-1	Passive	Poly
4033	Endo/RV	Uni	IS-1	Passive	Poly
4034	Endo/RV	Bi	IS-1	Passive	Poly
4057	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly 80A
4057M	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly 80A
4058	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Poly 80A
4058M	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly 80A
4067	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly 80A
4068	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly 80A
4073	Endo/RV	Uni	IS-1	Tines	Poly 55D

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4074	Endo/RV	Bi	IS-1	Tines	Poly 55D
4076	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly 55D
4081	Endo/RV	Uni	IS-1	Passive	Poly 80A
4082	Endo/RV	Bi	IS-1	Passive	Poly
4092	Endo/RV	Bi	IS-1	Passive	Poly
4501	Endo/RA	Uni	3.2LP	J+Tines	Poly
4502	Endo/RA	Bi	3.2LP	J+Tines	Poly 80A
4503	Endo/RA	Uni	5	J+Tines	Poly 80A
4503M	Endo/RA	Uni	IS-1	J+Tines	Poly 80A
4504	Endo/RA	Bi	3.2LP	J+Tines	Poly 80A
4504M	Endo/RA	Bi	IS-1	J+Tines	Poly 80A
4511	Endo/RA	Uni	5	J+Tines	Poly 80A
4512	Endo/RA	Bi	3.2LP	J+Tines	Poly 80A
4523	Endo/RA	Uni	IS-1	J+Tines	Poly
4524	Endo/RA	Bi	IS-1	J+Tines	Poly
4533	Endo/RA	Uni	IS-1	J+Tines	Poly
4534	Endo/RA	Bi	IS-1	J+Tines	Poly
4557	Endo/RA	Uni	5	J+Endo Screw	Poly 80A
4557M	Endo/RA	Uni	IS-1	J+Endo Screw	Poly 80A
4558M	Endo/RA	Bi	IS-1	J+Endo Screw	Poly
4568	Endo/RA	Bi	IS-1	J+Endo Screw	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
4574	Endo/RA	Bi	IS-1	J+Tines	Poly 55D
4581	Endo/RA	Uni	IS-1	J+Tines	Poly 80A
4582	Endo/RA	Bi	IS-1	J+Tines	Poly 80A
4592	Endo/RA	Bi	IS-1	J+Tines	Poly
4951	Myo/RA/RV	Uni	5	Suture	Poly 80A
4951M	Myo/RA/RV	Uni	IS-1	Suture	—
4951P	Myo/RA/RV	Uni	5	Suture	—
4965	Myo/RA/RV	Uni	IS-1	Suture	Silicone
4968	Epi/RA/RV	Bi	IS-1	Suture	Silicone
5023	Endo/RV	Uni	5	Passive	Silicone
5023M	Endo/RV	Uni	IS-1	Passive	Silicone
5024	Endo/RV	Bi	3.2LP	Passive	Silicone
5024M	Endo/RV	Bi	IS-1	Passive	Silicone
5025	Endo/RV	Uni	5	Passive	Silicone
5026	Endo/RV	Bi	3.2LP	Passive	Silicone
5028	Endo/RV	Bi	IS-1	Passive	Silicone
5032	Endo/VDD	Bi	IS-1Bif	Passive	Silicone
5032L	Endo/VDD	Bi	IS-1Bif	Passive	Silicone
5032S	Endo/VDD	Bi	IS-1Bif	Passive	Silicone
5033	Endo/RV	Uni	IS-1	Passive	Silicone
5034	Endo/RV	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
5038	Endo/VDD	Bi	IS-1Bif	Passive	Silicone
5038L	Endo/VDD	Bi	IS-1Bif	Passive	Silicone
5038S	Endo/VDD	Bi	IS-1Bif	Passive	Silicone
5054	Endo/RV	Bi	IS-1	Passive	Silicone
5058	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
5061	Endo/RV	Uni	5	Passive	Silicone
5062	Endo/RV	Bi	3.2LP	Passive	Silicone
5064	Endo/RV	Bi	5Bif	Passive	Silicone
5067	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
5068	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
5069	Myo/RV	Uni	IS-1	Screw	Silicone
5071	Myo/RV	Uni	IS-1	Screw	Silicone
5072	Endo/RA/RV	Bi	IS-1	Screw	Silicone
5076	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
5092	Endo/RV	Bi	IS-1	Passive	Silicone
5523	Endo/RA	Uni	5	J+Tines	Silicone
5523M	Endo/RA	Uni	IS-1	J+Tines	Silicone
5524	Endo/RA	Bi	3.2LP	J+Tines	Silicone
5524M	Endo/RA	Bi	IS-1	J+Tines	Silicone
5525	Endo/RA	Uni	5	J+Tines	Silicone
5534	Endo/RA	Bi	IS-1	J+Tines	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
5554	Endo/RA	Bi	IS-1	J+Tines	Silicone
5561	Endo/RA	Uni	5	J+Tines	Silicone
5562	Endo/RA	Bi	3.2LP	J+Tines	Silicone
5568	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
5592	Endo/RA	Bi	IS-1	J+Tines	Silicone
5594	Endo/RA	Bi	IS-1	J+Tines	Silicone
5814	Myo/RV	Bi	5Bif	Suture	Silicone
5815	Myo/RV	Uni	5	Suture	Silicone
5815A	Myo/RA/RV	Uni	5	Suture	Silicone
5816	Endo/RV	Bi	5Bif	Straight	Silicone
5818	Endo/RV	Bi	5Bif	Straight	Silicone
5819	Endo/RV	Bi	5Bif	Straight	Silicone
6901	Endo/RV	Bi	5Bif	Passive	Silicone
6901R	Endo/RV	Bi	5Bif	Passive	Silicone
6902	Endo/RV	Bi	5Bif	Passive	Silicone
6904	Endo/RV	Bi	5Bif	Passive	Silicone
6904A	Endo/RV	Bi	5Bif	Passive	Silicone
6905	Endo/RV	Uni	5	Passive	Silicone
6907	Endo/RV	Uni	5	Passive	Silicone
6907R	Endo/RV	Uni	5	Passive	Silicone
6909	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
6912	Endo/RV	Bi	5Bif	Passive	Poly 80A
6913	Myo/RV	Uni	5	Suture	Silicone
6914	Myo/RV	Bi	5Bif	Suture	Silicone
6917AT	Myo/RV	Uni	5	Screw	Silicone
6917T	Myo/RV	Uni	5	Screw	Silicone
6950	Endo/RV	Bi	5Bif	Passive	Silicone
6951	Endo/RV	Uni	5	Passive	Silicone
6954	Endo/RV	Bi	5Bif	Screw	Silicone
6957	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly 80A
6957J	Endo/RA	Uni	5	J+Ext/Ret Screw	Poly 80A
6959	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly 80A
6961	Endo/RV	Uni	5	Passive	Silicone
6962	Endo/RV	Bi	5Bif	Passive	Silicone
6971	Endo/RV	Uni	5	Passive	Poly 80A
6972	Endo/RV	Bi	5Bif	Passive	Poly 80A
6990	Endo/RA	Bi	5Bif	J+Tines	Silicone
6990U	Endo/RA	Bi	5Bif	J+Tines	Poly 80A
6991	Endo/RA	Uni	5	J+Tines	Silicone
6991U	Endo/RA	Uni	5	J+Tines	Poly 80A
6993	Endo/RA	Uni	5	J+Tines	Poly 80A
6994	Endo/RA	Bi	5Bif	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
6995	Myo/RA	Uni	5	Pinch on	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
AY61	Endo/RV	Uni	5	Screw	—
CY61	Endo/RV	Uni	5	Screw	—
FF61	Endo/RV	Uni	5	Passive	—
FX61	Endo/RV	Uni	5	Passive	—
FY61	Endo/RV	Uni	5	Screw	—
FY63	Endo/RV	Bi	5Bif	Screw	—
FY64	Endo/RV	Bi	3.2LP	Screw	—
FY64 B1	Endo/RV	Bi	3.2LP	Screw	—
JY61	Endo/RA/RV	Uni	5	J+Ext/Ret Screw	Silicone
KY48	Endo/RA/RV	Uni	5	Screw	Silicone
KY48SBV	Endo/RA/RV	Bi	IS-1	Screw	Silicone
KY48U	Endo/RA/RV	Uni	5	Screw	Poly
KY48USBV	Endo/RA/RV	Bi	IS-1	Screw	Poly
KY48UV	Endo/RA/RV	Uni	IS-1	Screw	Poly
KY48UX	Endo/RA/RV	Uni	5/6	Screw	Poly
KY48V	Endo/RA/RV	Uni	IS-1	Screw	Silicone
KY48X	Endo/RA/RV	Uni	5/6	Screw	Silicone
KY52	Endo/RA/RV	Uni	5	Screw	Silicone
KY52SBV	Endo/RA/RV	Bi	IS-1	Screw	Silicone
KY52U	Endo/RA/RV	Uni	5	Screw	Poly
KY52USBV	Endo/RA/RV	Bi	IS-1	Screw	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
KY52UV	Endo/RA/RV	Uni	IS-1	Screw	Poly
KY52UX	Endo/RA/RV	Uni	5/6	Screw	Poly
KY52V	Endo/RA/RV	Uni	IS-1	Screw	Silicone
KY52X	Endo/RA/RV	Uni	5/6	Screw	Silicone
KY58	Endo/RA/RV	Uni	5	Screw	Silicone
KY58SBV	Endo/RA/RV	Bi	IS-1	Screw	Silicone
KY58U	Endo/RA/RV	Uni	5	Screw	Poly
KY58USBV	Endo/RA/RV	Bi	IS-1	Screw	Poly
KY58UV	Endo/RA/RV	Uni	IS-1	Screw	Poly
KY58UX	Endo/RA/RV	Uni	5/6	Screw	Poly
KY58V	Endo/RA/RV	Uni	IS-1	Screw	Silicone
KY58X	Endo/RA/RV	Uni	5/6	Screw	Silicone
KY61	Endo/RV	Uni	5	Screw	—
MF61	Endo/RV	Uni	5	Passive	—
MP30BI	Myo/RA/RV	Bi	3.2LP	Suture	Silicone
MP30BV	Myo/RA/RV	Bi	IS-1	Suture	Silicone
MP30P	Myo/RA/RV	Uni	5	Suture	—
MP30PV	Myo/RA/RV	Uni	IS-1	Suture	Silicone
MP30PX	Myo/RA/RV	Uni	5/6	Suture	Silicone
MP30V	Myo/RA/RV	Uni	IS-1	Suture	Silicone
MP30X	Myo/RA/RV	Uni	5/6	Suture	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
MP35BV	Myo/RA/RV	Bi	IS-1	Suture	Silicone
MP35P	Myo/RA/RV	Uni	5	Suture	—
MP35PV	Myo/RA/RV	Uni	IS-1	Suture	—
MP40BI	Myo/RA/RV	Bi	3.2LP	Suture	Silicone
MP40BV	Myo/RA/RV	Bi	IS-1	Suture	Silicone
MP40P	Myo/RA/RV	Uni	5	Suture	—
MP40PV	Myo/RA/RV	Uni	IS-1	Suture	Silicone
MP40PX	Myo/RA/RV	Uni	5/6	Suture	Silicone
MP40V	Myo/RA/RV	Uni	IS-1	Suture	Silicone
MP40X	Myo/RA/RV	Uni	5/6	Suture	Silicone
MP41	Myo/RV	Uni	5	Suture	Silicone
MP52BI	Myo/RA/RV	Bi	3.2LP	Suture	Silicone
MP52BV	Myo/RA/RV	Bi	IS-1	Suture	Silicone
MP52P	Myo/RA/RV	Uni	5	Suture	—
MP52PV	Myo/RA/RV	Uni	IS-1	Suture	Silicone
MP52PX	Myo/RA/RV	Uni	5/6	Suture	Silicone
MP52V	Myo/RA/RV	Uni	IS-1	Suture	Silicone
MP52X	Myo/RA/RV	Uni	5/6	Suture	Silicone
MX 63	—/RV	Bi	—	Passive	—
MX 64	Endo/RV	Bi	3.2LP	Passive	—
MX58F	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
MX61	Endo/RV	Uni	5	Passive	—
MX61DBB	Endo/RV	Uni	5	Passive	—
MX63 DBI	Endo/RV	Bi	5Bif	Passive	—
MX64	Endo/RV	Bi	3.2LP	Passive	—
MZ61	Endo/RV	Uni	5	Passive	—
Petite 44 PJB	Endo/RA	Bi	IS-1	Passive	Poly
Petite 48 PJB	Endo/RA	Bi	IS-1	Passive	Poly
Petite 52 PB	Endo/RV	Bi	IS-1	Passive	Poly
Petite 52 PJB	Endo/RA	Bi	IS-1	Passive	Poly
Petite 58 PB	Endo/RV	Bi	IS-1	Passive	Poly
Petite 70 PB	Endo/RV	Bi	IS-1	Passive	Poly
Petite 70 PJB	Endo/RA	Bi	IS-1	Passive	Poly
Petite 78 PB	Endo/RV	Bi	IS-1	Passive	Poly
Physique 44 PJB	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
Physique 48 PJB	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
Physique 52 PB	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
Physique 52 PJB	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
Physique 58 PB	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PR44B	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PR44S	Endo/RA/RV	BI	IS-1	Ext/Ret Screw	Silicone
PR48B	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PR48S	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PR52B	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PR52S	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PR58B	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PR58S	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PU61	Endo/RV	Uni	5	—	—
PY	Endo/RV	Uni	5	Ext/Ret Screw	—
PY100BV	Myo/RA/RV	Bi	IS-1	Screw	Silicone
PY44PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY48	Endo/RA/RV	Uni	5	Ext/Ret Screw	—
PY48P	Endo/RA/RV	Uni	5	Ext/Ret Screw	—
PY48PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY48PU	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
PY48PUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY48PUV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
PY48PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PY48SBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY48U	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
PY48USBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY48UV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
PY48V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PY52	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
PY52P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
PY52PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY52PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY52PU	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
PY52PUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY52PUV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
PY52PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PY52SBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY52U	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
PY52USBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY52UV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY52V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PY58	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
PY58API	Endo/RA/RV	Uni	3.2LP	Ext/Ret Screw	Silicone
PY58BB	Endo/RA/RV	Bi	5Bif	Ext/Ret Screw	Silicone
PY58BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
PY58BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY58P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
PY58PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY58PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
PY58PU	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
PY58PUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY58PUV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
PY58PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PY58SBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY58U	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
PY58USBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PY58UV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
PY58V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PY61	Endo/RA/RV	Uni	5	Ext/Ret Screw	—
PY63BB	Endo/RA/RV	Bi	5Bif	Ext/Ret Screw	—
PY64BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	—
PY66BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PY67 V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	—
PY67PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PY67V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
PYBI	Endo/RV	Bi	3.2LP	Ext/Ret Screw	—
PYPSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PYPUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
PYSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
PYUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
QF61	Endo/RA/RV	Uni	5	—	—
QX61	Endo/RA/RV	Uni	5	—	—
QY48	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
QY48BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
QY48BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
QY48P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
QY48PBI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
QY48PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
QY48PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
QY48V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
QY52	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
QY52BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
QY52BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
QY52P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
QY52PBI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
QY52PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
QY52PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
QY52V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
QY58	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
QY58BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
QY58BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
QY58P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
QY58PBI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
QY58PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
QY58PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
QY58V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
RF61	Endo/RV	Uni	5	Passive	—
RT48T	Endo/RV	Uni	5	Passive	Silicone
RT48TJ	Endo/RA	Uni	5	J+Tines	Silicone
RT48TJV	Endo/RA	Uni	IS-1	J+Tines	Silicone
RT48TJX	Endo/RA	Uni	5/6	J+Tines	Silicone
RT48TV	Endo/RV	Uni	IS-1	Passive	Silicone
RT48TX	Endo/RV	Uni	5/6	Passive	Silicone
RT48W	Endo/RV	Uni	5	J+Tines	Silicone
RT48WJ	Endo/RA	Uni	5	J+Tines	Silicone
RT48WJV	Endo/RA	Uni	IS-1	J+Tines	Silicone
RT48WJX	Endo/RA	Uni	5/6	J+Tines	Silicone
RT48WV	Endo/RV	Uni	IS-1	Passive	Silicone
RT48WX	Endo/RV	Uni	5/6	Passive	Silicone
RT52T	Endo/RV	Uni	5	Passive	Silicone
RT52TJ	Endo/RA	Uni	5	Passive	Silicone
RT52TJV	Endo/RA	Uni	IS-1	J+Tines	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
RT52TJX	Endo/RA	Uni	5/6	J+Tines	Silicone
RT52TV	Endo/RV	Uni	IS-1	Passive	Silicone
RT52TX	Endo/RV	Uni	5/6	Passive	Silicone
RT52W	Endo/RV	Uni	5	Passive	Silicone
RT52WJ	Endo/RA	Uni	5	J+Tines	Silicone
RT52WJV	Endo/RA	Uni	IS-1	J+Tines	Silicone
RT52WJX	Endo/RA	Uni	5/6	J+Tines	Silicone
RT52WV	Endo/RV	Uni	IS-1	Passive	Silicone
RT52WX	Endo/RV	Uni	5/6	Passive	Silicone
RT58R	Endo/RV	Uni	5	Passive	Silicone
RT58T	Endo/RV	Uni	5	Passive	Silicone
RT58TJ	Endo/RA	Uni	5	J+Tines	Silicone
RT58TJV	Endo/RA	Uni	IS-1	J+Tines	Silicone
RT58TJX	Endo/RA	Uni	5/6	J+Tines	Silicone
RT58TV	Endo/RV	Uni	IS-1	Passive	Silicone
RT58TX	Endo/RV	Uni	5/6	Passive	Silicone
RT58W	Endo/RV	Uni	5	Passive	Silicone
RT58WJ	Endo/RA	Uni	5	J+Tines	Silicone
RT58WJV	Endo/RA	Uni	IS-1	J+Tines	Silicone
RT58WJX	Endo/RA	Uni	5/6	J+Tines	Silicone
RT58WV	Endo/RV	Uni	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
RU58TJV	Endo/RA	Uni	IS-1	J+Tines	Poly
RU58TJX	Endo/RA	Uni	5/6	J+Tines	Poly
RU58TSBV	Endo/RV	Bi	IS-1	Passive	Poly
RU58TV	Endo/RV	Uni	IS-1	Passive	Poly
RU58TX	Endo/RV	Uni	5/6	Passive	Poly
RU58W	Endo/RV	Uni	5	Passive	Poly
RU58WBV	Endo/RV	Bi	IS-1	Passive	Poly
RU58WJ	Endo/RA	Uni	5	J+Tines	Poly
RU58WJV	Endo/RA	Uni	IS-1	J+Tines	Poly
RU58WJX	Endo/RA	Uni	5/6	J+Tines	Poly
RU58WV	Endo/RV	Uni	IS-1	Passive	Poly
RU58WX	Endo/RV	Uni	5/6	Passive	Poly
RU61	Endo/RV	Uni	5	Passive	Poly
RUTJSBV	Endo/RA	Bi	IS-1	Passive	Poly
RX100TBB	Endo/RV	Bi	5Bif	Passive	Silicone
RX100TBI	Endo/RV	Bi	3.2LP	Passive	Silicone
RX100TBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX100WBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX48TBB	Endo/RV	Bi	5Bif	Passive	Silicone
RX48TBI	Endo/RV	Bi	3.2LP	Passive	Silicone
RX48TBV	Endo/RV	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
RX48TJBI	Endo/RA	Bi	3.2LP	J+Tines	Silicone
RX48TJBV	Endo/RA	Bi	IS-1	J+Tines	Silicone
RX48WBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX48WJBV	Endo/RA	Bi	IS-1	J+Tines	Silicone
RX52TBB	Endo/RV	Bi	5Bif	Passive	Silicone
RX52TBI	Endo/RV	Bi	3.2LP	Passive	Silicone
RX52TBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX52TJBI	Endo/RA	Bi	3.2LP	J+Tines	Silicone
RX52TJBV	Endo/RA	Bi	IS-1	Passive	Silicone
RX52TSBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX52WBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX52WJBV	Endo/RA	Bi	IS-1	Passive	Silicone
RX58TBB	Endo/RV	Bi	5Bif	Passive	Silicone
RX58TBI	Endo/RV	Bi	3.2LP	Passive	Silicone
RX58TBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX58TJBI	Endo/RA	Bi	3.2LP	J+Tines	Silicone
RX58TJBV	Endo/RA	Bi	IS-1	J+Tines	Silicone
RX58TSBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX58WBV	Endo/RV	Bi	IS-1	Passive	Silicone
RX58WJBV	Endo/RA	Bi	IS-1	J+Tines	Silicone
RXTJBV	Endo/RA	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
RZ52TUV	Endo/RV	Uni	IS-1	Passive	Poly
RZ52TV	Endo/RV	Uni	IS-1	Passive	Silicone
RZ58TUV	Endo/RV	Uni	IS-1	Passive	Poly
RZ58TV	Endo/RV	Uni	IS-1	Passive	Silicone
RZ70TUV	Endo/RV	Uni	IS-1	Passive	Poly
RZ70TV	Endo/RV	Uni	IS-1	Passive	Silicone
RZ78TUV	Endo/RV	Uni	IS-1	Passive	Poly
RZ78TV	Endo/RV	Uni	IS-1	Passive	Silicone
RZ85TUV	Endo/RV	Uni	IS-1	Passive	Poly
RZ85TV	Endo/RV	Uni	IS-1	Passive	Silicone
VY61	Endo/RV	Uni	5	Screw	—
ZY100BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY100PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY100PUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZY100USBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZY44JUSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY44PJUSBV	Endo/RA	Bi	—	Ext/Ret Screw	—
ZY48	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
ZY48BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
ZY48BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY48J	Endo/RA	Uni	5	J+Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
ZY48JBI	Endo/RA	Bi	3.2LP	J+Ext/Ret Screw	Silicone
ZY48JBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY48JU	Endo/RA	Uni	5	J+Ext/Ret Screw	Poly
ZY48JUBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY48JUSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY48JUV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Poly
ZY48JV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
ZY48P	Endo/RV	Uni	5	Ext/Ret Screw	Silicone
ZY48PBV	Endo/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY48PJ	Endo/RA	Uni	5	J+Ext/Ret Screw	Silicone
ZY48PJBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY48PJSBI	Endo/RA	Bi	3.2LP	J+Ext/Ret Screw	Silicone
ZY48PJSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY48PJU	Endo/RA	Uni	5	J+Ext/Ret Screw	Poly
ZY48PJUBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY48PJUSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY48PJUV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Poly
ZY48PJV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
ZY48PSBI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
ZY48PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY48PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
ZY48V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
ZY52	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
ZY52BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
ZY52BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY52J	Endo/RA	Uni	5	J+Ext/Ret Screw	Silicone
ZY52JBI	Endo/RA	Bi	3.2LP	J+Ext/Ret Screw	Silicone
ZY52JBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY52JU	Endo/RA	Uni	5	J+Ext/Ret Screw	Poly
ZY52JUBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY52JUSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY52JUV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Poly
ZY52JV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
ZY52P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
ZY52PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY52PJ	Endo/RA	Uni	5	J+Ext/Ret Screw	Silicone
ZY52PJBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY52PJSBI	Endo/RA	Bi	3.2LP	J+Ext/Ret Screw	Silicone
ZY52PJSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY52PJU	Endo/RA	Uni	5	J+Ext/Ret Screw	Poly
ZY52PJUBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
ZY52PJUSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
ZY52PJUV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Poly
ZY52PJV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
ZY52PSBI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
ZY52PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY52PU	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
ZY52PUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZY52PUV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
ZY52PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
ZY52U	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
ZY52USBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZY52UV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
ZY52V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
ZY58	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
ZY58BI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
ZY58BV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY58J	Endo/RA	Uni	5	J+Ext/Ret Screw	Silicone
ZY58JBI	Endo/RA	Bi	3.2LP	J+Ext/Ret Screw	Silicone
ZY58JBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY58JV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
ZY58P	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
ZY58PBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
ZY58PJ	Endo/RA	Uni	5	J+Ext/Ret Screw	Silicone
ZY58PJSBI	Endo/RA	Bi	3.2LP	J+Ext/Ret Screw	Silicone
ZY58PJSBV	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
ZY58PJV	Endo/RA	Uni	IS-1	J+Ext/Ret Screw	Silicone
ZY58PSBI	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
ZY58PSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
ZY58PU	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
ZY58PUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZY58PUV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
ZY58PV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
ZY58U	Endo/RA/RV	Uni	5	Ext/Ret Screw	Poly
ZY58USBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZY58UV	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Poly
ZY58V	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
ZYBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYJBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYJUBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYJUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYPBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYPJBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYPJUBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
ZYPJUSB	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYPUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
ZYUSBV	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly

Oscor Lead Model Key

Example: ZY58PJSBV

The first 2 letters (**ZY**) designate lead type.

Y = active fixation lead

R or H = passive leads

These are followed by a number (**58**), designating lead length in cm.

The remaining letters indicate lead specifications and functions:

Letter	Description
B	Bipolar (if not present, the lead is unipolar)
BB	5 mm Bifurcated Bipolar
I	3.2 mm LP
J	Atrial J
P	Platinum Iridium Tip (if not present, the tip is MP35N)
R	Arrow Flange
S	11 mm Electrode Spacing (if not present, spacing is 22 mm)
T	Tines
U	Polyurethane (if not present, the outer insulation is silicone)
V	IS-1 (all unipolar leads with IS-1 pin have a “dummy” anode)
W	Umbrella Flange
X	5/6 mm Universal
Blank	Unipolar 5 mm

In the example above, the lead is a 58 cm XY active fixation bipolar IS-1 atrial J lead with 11 mm electrode spacing, a platinum iridium tip, and silicone outer insulation.

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1002T	Endo/RV	Bi	IS-1	Passive	Silicone
1003M	—/—	Uni	—	Passive	—
1004T	Endo/RA	Bi	IS-1	Passive	Silicone
1007M	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
1010B	Endo/RV	Bi	5Bif	Passive	Silicone
1010T	Endo/RV	Bi	IS-1	Passive	Silicone
1012T	Endo/RA	Bi	IS-1	Passive	Silicone
1013M	Endo/RA	Uni	5	Passive	Silicone
1014M	—/—	Uni	—	Passive	—
1015M	Endo/RV	Uni	5	Passive	Silicone
1015MC	Endo/RV	Uni	5	Passive	Silicone
1015S	Endo/RV	Uni	6	Passive	Silicone
1016T	Endo/RV	Bi	IS-1	Passive	Silicone
1018T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1019K	Endo/RA/RV	Uni	IS-1	Screw	Silicone
1019M	Endo/RA/RV	Uni	5	Screw	Silicone
1020B	Endo/RV	Bi	—	Passive	—
1021K	Endo/RV	Uni	IS-1	Passive	Silicone
1021M	Endo/RV	Uni	5	Passive	Silicone
1021S	Endo/RV	Uni	6	Passive	Silicone
1022T	Endo/RA	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1023M	Endo/RA	Uni	5	Passive	Silicone
1024K	Endo/RV	Uni	IS-1	Passive	Silicone
1024M	Endo/RV	Uni	5	Passive	Silicone
1025K	—/RV	Uni	—	Passive	—
1025M	Endo/RV	Uni	5	Passive	Silicone
1025S	Endo/RV	Uni	6	Passive	Silicone
1026T	Endo/RV	Bi	IS-1	Passive	Silicone
1027K	Endo/RA	Uni	IS-1	Passive	Silicone
1027M	Endo/RA	Uni	5	Passive	Silicone
1028T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1033M	Endo/RA	Uni	5	Passive	Poly
1035M	Endo/RV	Uni	5	Passive	Poly
1036T	Endo/RV	Bi	IS-1	Passive	Poly
1038T	Endo/RV	Bi	IS-1	Passive	Poly
1041K	Myo/RV	Uni	IS-1	Screw	Silicone
1041M	Myo/RV	Uni	5	Screw	Silicone
1043K	Myo/RV	Uni	IS-1	Screw	Silicone
1043T	—/RV	Bi	—	Screw	—
1050T	Endo/RV	Bi	IS-1	Passive	Silicone
1052T	Endo/RA	Bi	IS-1	Passive	Silicone
1055T	Endo/RV	Bi	IS-1	CS	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1085K	Endo/RV	Uni	IS-1	Passive	Silicone
1124C	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
1126C	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
1128C	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
1135K	Endo/RV	Uni	IS-1	Passive	Silicone
1136T	Endo/RV	Bi	IS-1	Passive	Silicone
1142T	Endo/RA	Bi	IS-1	Passive	Silicone
1143K	Endo/RA	Uni	IS-1	Passive	Silicone
1145K	Endo/RV	Uni	IS-1	Passive	Silicone
1146T	Endo/RV	Bi	IS-1	Passive	Silicone
1148T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1188K	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
1188T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1212T	Endo/RA	Bi	IS-1	Passive	Silicone
1216T	Endo/RV	Bi	IS-1	Passive	Silicone
1222T	Endo/RA	Bi	IS-1	Passive	Silicone
1226T	Endo/RV	Bi	IS-1	Passive	Silicone
1226TC	Endo/RV	Bi	IS-1	Passive	Silicone
1235K	Endo/RV	Uni	IS-1	Passive	Silicone
1236T	Endo/RV	Bi	IS-1	Passive	Silicone
1238T	—/RV	Bi	—	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1242T	Endo/RA	Bi	IS-1	Passive	Silicone
1243K	Endo/RA	Uni	IS-1	Passive	Silicone
1245K	Endo/RV	Uni	IS-1	Passive	Silicone
1246T	Endo/RV	Bi	IS-1	Passive	Silicone
1324C	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
1326C	Endo/VDD	A:Bi V:Bi	IS-1	Passive	Silicone
1328C	Endo/VDD	A:Bi V:Bi	PSIQuad	Passive	Silicone
1335K	Endo/RV	Uni	IS-1	Passive	Silicone
1336T	Endo/RV	Bi	IS-1	Passive	Silicone
1342T	Endo/RA	Bi	IS-1	Passive	Silicone
1343K	Endo/RA	Uni	IS-1	Passive	Silicone
1345K	Endo/RV	Uni	IS-1	Passive	Silicone
1346T	Endo/RV	Bi	IS-1	Passive	Silicone
1354C	Endo/VDD	A:Bi V:Bi	PSIQuad	Passive	Silicone
1356C	Endo/VDD	A:Bi V:Bi	PSIQuad	Passive	Silicone
1358C	Endo/VDD	A:Bi V:Bi	PSIQuad	Passive	Silicone
1368	Endo/RA/RV	Bi	IS-1Bif	Passive	Silicone
1388K	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
1388T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1388TC	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1400K	Endo/RA/RV	Uni	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1401K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1401T	Endo/RA/RV	Bi	IS-1	Passive	Silicone
1402K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1403K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1403T	Endo/RV	Bi	IS-1	Passive	Silicone
1420K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1420T	Endo/RA	Bi	IS-1	Passive	Silicone
1421K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1421T	Endo/RA	Bi	IS-1	Passive	Silicone
1442T	Endo/—	Bi	IS-1	Passive	Silicone
1443K	Endo/—	Uni	IS-1	Passive	Silicone
1445K	Endo/—	Uni	IS-1	Passive	Silicone
1446T	Endo/RV	Bi	IS-1	Passive	Silicone
1450K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1450T	Endo/—	Bi	IS-1	Passive	Silicone
1452K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1452T	Endo/—	Bi	IS-1	Passive	Silicone
1470K	Endo/RV	Uni	IS-1	Passive	Silicone
1470T	Endo/—	Bi	IS-1	Passive	Silicone
1472K	Endo/—	Uni	IS-1	Passive	Silicone
1472T	Endo/RV	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1474K	Endo/RA	Uni	IS-1	Passive	Silicone
1474T	Endo/RA	Bi	IS-1	Passive	Silicone
1480K	Endo/—	Uni	IS-1	Ext/Ret Screw	Silicone
1480T	Endo/—	Bi	IS-1	Ext/Ret Screw	Silicone
1488K	Endo/RA/RV	Uni	IS-1	Ext/Ret Screw	Silicone
1488T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1488TC	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
283C	Myo/RV	Uni	SE	Suture	Silicone
283SC	Myo/RV	Uni	6	Screw	Silicone
288C	Endo/RV	Uni	SE	Passive	Silicone
288D	Endo/RV	Uni	SE	Passive	Silicone
288E	Endo/RV	Uni	SE	Passive	Silicone
288F	Endo/RV	Uni	SE	Passive	Silicone
288J	Endo/RV	Uni	SE	Passive	Silicone
288K	Endo/RV	Uni	SE	Passive	Silicone
288L	Endo/RV	Uni	SE	Passive	Silicone
288M	Endo/RV	Uni	SE	Passive	Silicone
288SJ	Endo/RV	Uni	6	Passive	Silicone
288SK	Endo/RV	Uni	6	Passive	Silicone
288SL	Endo/RV	Uni	6	Passive	Silicone
288SM	Endo/RV	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
288TF	Endo/RV	Uni	SE	Passive	Silicone
288TJ	Endo/RV	Uni	SE	Passive	Silicone
288TM	Endo/RV	Uni	SE	Passive	Silicone
289M	Endo/RV	Uni	SE	Passive	Silicone
289SM	Endo/RV	Uni	6	Passive	Silicone
401S	Myo/RV	Uni	6	Screw	Silicone
402K	Endo/RA/RV	Uni	IS-1	Screw	Silicone
402S	Endo/RA/RV	Uni	6	Screw	Silicone
404B	Endo/RV	Bi	5Bif	Passive	Silicone
405L	Endo/RV	Bi	3.2LP	Passive	Silicone
406L	—/—	Bi	—	Passive	—
407B	Endo/RV	Bi	5Bif	Passive	Silicone
408L	Endo/RV	Bi	3.2LP	Passive	Silicone
411S	Endo/RV	Uni	6	Passive	Silicone
412M	Endo/RV	Uni	5	Passive	Silicone
412S	Endo/RV	Uni	6	Passive	Silicone
414S	Endo/RV	Uni	6	Passive	Silicone
415S	Endo/RV	Uni	6	Passive	Silicone
416S	Endo/RA	Uni	6	Passive	Silicone
418S	Endo/RA	Uni	6	Passive	Silicone
423M	Endo/RA/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
423S	Endo/RA/RV	Uni	6	Passive	Silicone
424K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
424M	Endo/RA/RV	Uni	5	Passive	Silicone
424S	Endo/RA/RV	Uni	6	Passive	Silicone
588A	Endo/RV	Uni	—	Cylinder	Poly
588C	Endo/RV	Uni	6	Passive	Poly
588D	Endo/RV	Uni	6	Hemisphere	Poly
588E	Endo/RV	Uni	6	Hemisphere	Poly
588J	Endo/RV	Uni	SE	Passive	Poly
588K	Endo/RV	Uni	SE	Passive	Poly
588L	Endo/RV	Uni	SE	Blunt	Poly
588M	Endo/RV	Uni	SE	Passive	Poly
588SA	Endo/RV	Uni	6	Passive	Poly
588SC	Endo/RV	Uni	6	Passive	Poly
588SJ	Endo/RV	Uni	6	Passive	Poly
588SL	Endo/RV	Uni	6	Passive	Poly
588SM	Endo/RV	Uni	6	Passive	Poly
813	Endo/RV	Uni	6	Passive	Silicone
815	Endo/RV	Uni	6	Passive	Silicone
816	Endo/RV	Bi	5Bif	Passive	Silicone
817	Endo/RV	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
818	Endo/RV	Bi	5Bif	Passive	Silicone
818A	Endo/RV	Bi	5Bif	Passive	Silicone
819	Endo/RV	Uni	6	Passive	Silicone
820	Endo/RV	Bi	5Bif	Passive	Silicone
825	Endo/RV	Uni	5	Passive	Silicone
829	Endo/RA	Uni	5	Passive	Silicone
829A	Endo/RA	Uni	5	Passive	Silicone
829F	Endo/RA	Uni	5	Passive	Silicone
831	Myo/RV	Uni	5	Screw	Silicone
833	Endo/RV	Uni	6	Passive	Silicone
841	Endo/RV	Uni	5	Passive	Silicone
841F	Endo/RV	Uni	5	Passive	Silicone
850	Endo/RV	Bi	5Bif	Passive	Silicone
850F	Endo/RV	Bi	5Bif	Passive	Silicone
851	Endo/RV	Uni	5	Passive	Silicone
851F	Endo/RV	Uni	5	Passive	Silicone
853	Endo/RA	Uni	5	Passive	Silicone
853F	Endo/RA	Uni	5	Passive	Silicone
854	Endo/RV	Bi	3.2LP	Passive	Silicone
854F	Endo/RV	Bi	3.2LP	Passive	Silicone
855	Endo/RV	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
855F	Endo/RV	Uni	6	Passive	Silicone
856	Endo/RA	Bi	3.2LP	Passive	Silicone
856F	Endo/RA	Bi	3.2LP	Passive	Silicone
857	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
859	Endo/RV	Uni	5	Passive	Silicone
859F	Endo/RV	Uni	5	Passive	Silicone
861	Endo/RA/RV	Uni	5	Screw	Silicone
865	Endo/RA/RV	Uni	5	Passive	Poly
865F	Endo/RV	Uni	5	Passive	Poly
866	Endo/RV	Bi	5Bif	Passive	Poly
866F	Endo/RV	Bi	5Bif	Passive	Poly
867	Endo/RV	Uni	6	Passive	Poly
867F	Endo/RV	Uni	6	Passive	Poly
869F	Endo/RA	Uni	5	Passive	Poly
877	Endo/RA/RV	Uni	5	Screw	Silicone
881	Endo/RV	Uni	5	Passive	Silicone
BL-601	Endo/RV	Bi	PSI	Passive	Silicone
BL-602	Endo/RV	Bi	PSI	Screw	Silicone
BL-652	Myo/RV	Bi	PSI	Suture	Silicone
BL-653	Myo/RV	Bi	PSI	Suture	Silicone
BL-654	Myo/RV	Bi	PSI	Suture	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
BL-655	Myo/RV	Bi	PSI	Suture	Silicone
BL-656	Myo/RV	Bi	PSI	Suture	Silicone
BL-801	Endo/RV	Bi	PSI	Passive	Silicone
BL-802	Endo/RV	Bi	PSI	Passive	Silicone
ML-150	Myo/RV	Uni	5	Screw	Silicone
ML-151	Myo/RV	Uni	5	Screw	Silicone
UL-603	Endo/RV	Uni	PSI	Passive	Silicone
UL-604	Endo/RV	Uni	PSI	Passive	Silicone
UL-658	Myo/RV	Uni	PSI	Suture	Silicone
UL-659	Myo/RV	Uni	PSI	Suture	Silicone
UL-804	Endo/RV	Uni	PSI	Passive	Silicone
UL-813	Endo/RV	Uni	6	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
1084T	Myo/RV	Bipolar	IS-1	Ext/Ret Screw	---
1635K	Endo/RA/RV	Uni	IS-1	J+Fins	Silicone
1636T	Endo/RV	Bi	IS-1	J+Fins	Silicone
1642T	Endo/RA	Bi	IS-1	J+Tines	Silicone
1643K	Endo/RA	Uni	IS-1	J+Tines	Silicone
1644T	Endo/RA	Bi	IS-1	J+Tines	Poly/Silicone
1645K	Endo/RA/RV	Uni	IS-1	Passive	Silicone
1646T	Endo/RA/RV	Bi	IS-1	Passive	Silicone
1648T	Endo/RV	Bi	IS-1	Passive	Poly/Silicone
1688T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1688TC	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1699TC	Endo/RA	Bi	IS-1	Ext/Ret Screw	Silicone
1782TC	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
1788T	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1788TC	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
1882TC	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Silicone
1888TC	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
CC	—/—	—	—	—	Silicone
CCT	—/—	—	—	—	Silicone
CFT 100	—/—	—	—	—	Silicone
CFT 70	—/—	—	—	—	Silicone
CFT 85	—/—	—	—	—	Silicone
CM	—/—	—	—	—	Silicone
CMT	—/—	—	—	—	Silicone
CMT 62	—/—	Uni	Sorin	Passive	—
CMT 85	—/—	Uni	Sorin	Passive	—
CST 62	—/—	Uni	Sorin	Passive	—
CVT 100	—/—	Uni	Sorin	Passive	Silicone
CVT 100A	—/—	Uni	Sorin	Passive	—
CVT 62	—/—	Uni	Sorin	—	Silicone
CVT 62/B	—/—	Uni	Sorin	Passive	—
CVT 62/P	—/—	Uni	Sorin	Passive	—
CVT 62/S	—/—	Uni	Sorin	Passive	—
CVT 62A	—/—	Uni	Sorin	Passive	—
CVT 70	—/—	—	—	—	Silicone
CVT 85	—/—	Uni	Sorin	Passive	Silicone
CVT 85/P	—/—	Uni	Sorin	Passive	—
CVT 85A	—/—	Uni	Sorin	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
EP	—/—	—	—	—	Silicone
EPT 40	—/—	Uni	Sorin	1mm epi needle	Silicone
ESA 35	—/—	Uni	Sorin	Suture	—
ESA 55	—/—	Uni	Sorin	Suture	—
S 100	Endo/RV	Uni	IS-1	Passive	Silicone
S 100/4	—/—	Uni	IS-1	Passive	—
S 100/4 B	—/—	Bi	IS-1	Passive	—
S 200	—/—	Uni	IS-1	Screw	Silicone
S 200 A	—/—	Uni	IS-1	Screw	—
S 200 AB	—/—	Bi	IS-1	Screw	—
S 200 B	—/—	Bi	IS-1	Screw	—
S 80	Endo/RV	Uni	5	Passive	Silicone
S 80 AV	—/—	Uni	IS-1	Passive	—
S 80 J	—/—	Uni	IS-1	Passive	—
S 80 JB	—/—	Bi	IS-1	Passive	—
S 80 T Bi	—/—	Bi	IS-1	Passive	—
S 80 THIN	—/—	Uni	5	Passive	—
S 80 UT	—/—	Uni	IS-1	Passive	—
S 80 UTS	—/—	Uni	IS-1	Passive	—
S 80T	Endo/RV	Uni	IS-1	Passive	Silicone
S 80TB	Endo/RV	Bi	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
S 80W	—/—	Uni	5	Passive	Silicone
S 83 L	—/—	A:Bi V:Uni	IS-1	Passive	—
S 83 M	—/—	A:Bi V:Uni	IS-1	Passive	—
S 83 S	—/—	A:Bi V:Uni	IS-1	Passive	—
S 90	—/RA	Uni	5	Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
030-168	Myo/RA/RV	Uni	5	Suture	Silicone
030-169	Myo/RA/RV	Uni	5	Suture	Silicone
030-170	Myo/RA/RV	Uni	5	Suture	Silicone
030-171	Myo/RA/RV	Uni	5	Suture	Silicone
030-172	Myo/RA/RV	Uni	5	Suture	Silicone
030-173	Endo/RV	Uni	5	None	Silicone
030-174	Endo/RV	Uni	5	None	Silicone
030-175	Endo/RV	Uni	5	None	Silicone
030-176	Endo/RV	Uni	5	Passive	Silicone
030-177	Endo/RV	Uni	5	Passive	Silicone
030-178	Endo/RV	Uni	5	Passive	Silicone
030-179	Endo/RV	Uni	5	Passive	Silicone
030-180	Endo/RV	Uni	5	Passive	Silicone
030-181	Endo/RV	Uni	5	Passive	Silicone
030-185	Endo/RV	Uni	5	Passive	Silicone
030-188	Endo/RV	Uni	5	Passive	Silicone
030-191	Endo/RV	Uni	5	Passive	Silicone
030-192	Endo/RV	Uni	5	Passive	Silicone
030-194	Endo/RV	Uni	5	Passive	Silicone
030-197	Endo/RV	Uni	5	None	Silicone
030-198	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
030-199	Endo/RV	Uni	5	Passive	Silicone
030-200	Endo/RV	Uni	5	—	Silicone
030-202	Endo/RV	Bi	5Bif	Passive	Silicone
030-203	Endo/RV	Bi	5Bif	Passive	Silicone
030-204	Endo/RV	Bi	5Bif	Passive	Silicone
030-205	Endo/RV	Bi	5Bif	Passive	Silicone
030-206	Endo/RV	Bi	5Bif	Passive	Silicone
030-207	Endo/RV	Bi	5Bif	Passive	Silicone
030-208	Endo/RV	Bi	5Bif	None	Silicone
030-209	Endo/RV	Uni	5	Passive	Silicone
030-210	Endo/RV	Uni	5	Passive	Silicone
030-211	Endo/RV	Bi	5Bif	Passive	Silicone
030-212	Endo/RV	Uni	5	Passive	—
030-213	Endo/RV	Uni	5	Passive	—
030-214	Endo/RV	Uni	5	Passive	Silicone
030-215	Endo/RV	Bi	5Bif	Passive	Silicone
030-216	Endo/RV	Bi	5Bif	Passive	Silicone
030-217	Endo/RV	Bi	5Bif	Passive	Silicone
030-218	—/—	Bi	—	Tines	—
030-219	—/—	Bi	—	Tines	—
030-220	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
030-221	Myo/RV	Uni	5	Screw	Silicone
030-222	Myo/RA/RV	Uni	5	Screw	Silicone
030-223	Myo/RA/RV	Uni	5	Screw	Silicone
030-224	Endo/RV	Uni	5	Passive	Silicone
030-225	Endo/RV	Uni	5	Passive	Silicone
030-226	Endo/RV	Uni	5	Passive	Silicone
030-227	Endo/—	Uni	5	Passive	Silicone
030-233	Endo/RV	Uni	5	Passive	Silicone
030-234	Endo/RV	Uni	5	Passive	Silicone
030-236	Endo/RV	Uni	5	Passive	Silicone
030-237	Endo/RV	Uni	5	Passive	Silicone
030-239	Endo/RV	Uni	5	Passive	Poly
030-240	Endo/RV	Uni	5	Passive	Poly
030-241	Endo/RA	Uni	5	J+Tines	Poly
030-242	Endo/RA	Uni	5	Passive	Poly
030-243	Endo/RA	Uni	5	Passive	Poly
030-244	Endo/RV	Bi	5Bif	Passive	Poly 80A
030-245	Endo/RV	Uni	5	Passive	Poly
030-253	Endo/RV	Bi	5Bif	Passive	Silicone
030-255	Endo/RA	Uni	5	Passive	Silicone
030-257	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
030-258	Endo/RV	Uni	5	Passive	Silicone
030-262	Endo/RV	Bi	3.2LP	Ext/Ret Screw	—
030-264	Endo/RV	Bi	5Bif	Passive	Silicone
030-265	Endo/RA	Bi	5Bif	Passive	Poly 80A
030-267	—/—	Uni	5	—	—
030-269	Endo/RA	Bi	3.2LP	Passive	Poly
030-270	Endo/RA	Bi	3.2LP	Passive	Poly
030-271	Endo/RV	Bi	3.2LP	Passive	Poly
030-272	Endo/RV	Uni	3.2LP	Passive	Poly
030-275	—/RA	—	—	—	—
030-276	Endo/RV	Uni	5	Passive	Poly
030-281	Endo/RV	Uni	3.2LP/5	Passive	Poly
030-282	Endo/RA	Bi	3.2LP	J+Tines	Poly
030-283	Endo/RA	Bi	3.2LP	Passive	Poly
030-284	Endo/RV	Bi	3.2LP	Passive	Poly
030-285	Endo/RV	Bi	5Bif	Passive	Silicone
030-300	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
030-342	Endo/RV	Uni	5	Passive	Silicone
030-343	Endo/RV	Uni	5	Passive	Poly
030-348	Endo/RV	Bi	5Bif	Passive	Poly 80A
030-356	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
030-357	Endo/RA/RV	Bi	5Bif	Ext/Ret Screw	Silicone
030-358	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
030-362	Endo/RA/RV	Bi	3.2LP	Ext/Ret Screw	Silicone
030-363	Endo/RA/RV	Bi	5Bif	Ext/Ret Screw	Silicone
030-368	Endo/RV	Uni	5	Passive	—
030-372	—/—	Uni	3.2LP/5	—	—
030-373	—/—	Uni	3.2LP/5	—	—
030-400	Endo/RV	Uni	3.2LP/5	Passive	Silicone
030-401	Endo/RV	Uni	3.2LP/5	Passive	Silicone
030-402	Endo/RV	Uni	3.2LP/5	Passive	Silicone
030-403	Endo/RA	Uni	3.2LP/5	J+Tines	Poly
030-404	Endo/RV	Bi	5Bif	Passive	Poly
030-405	Endo/RA	Bi	5Bif	J+Tines	Poly
030-406	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
030-407	Endo/RV	Uni	3.2LP/5	Passive	Silicone
030-409	Endo/RV	Bi	3.2LP	Passive	Silicone
030-412	Endo/—	Bi	—	Passive	Silicone
030-413	Endo/—	Bi	—	Screw	—
030-436	Endo/RV	Uni	3.2LP/5	Passive	Silicone
030-437	Endo/RV	Bi	3.2LP	Passive	Poly
030-446	Endo/RV	Uni	3.2LP	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
030-574	Myo/RV	Uni	5	Screw	Silicone
030-575	Myo/RV	Uni	5	Screw	Silicone
033-159	Endo/RV	Uni	IS-1	Passive	Poly
033-202	—/RV	Bi	—	Ext/Ret Screw	—
033-212	Endo/RV	Bi	IS-1	Ext/Ret Screw	Poly
033-222	Myo/RV	Uni	IS-1	Screw	Silicone
033-223	Myo/RV	Uni	IS-1	Screw	Silicone
033-281	Endo/RV	Uni	IS-1	Passive	Poly
033-282	Endo/RA	Bi	IS-1	J+Tines	Poly
033-284	Endo/RV	Bi	IS-1	Passive	Poly
033-301	Endo/RV	Bi	IS-1	Passive	Poly
033-303	Endo/RV	Bi	IS-1	Passive	Poly
033-304	Endo/RV	Bi	IS-1	Passive	Poly
033-377	Endo/RV	Bi	IS-1	Ext/Ret Screw	Poly
033-378	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-400	Endo/RV	Uni	IS-1	Passive	Silicone
033-402	Endo/—	Bi	IS-1	Tines	Poly
033-403	Endo/RA	Uni	IS-1	J+Tines	Poly
033-436	Endo/RV	Uni	IS-1	Passive	Silicone
033-441	Endo/RV	Uni	IS-1	Passive	Poly
033-442	Endo/RV	Uni	IS-1	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
033-443	Endo/RV	Uni	IS-1	Passive	Poly
033-444	Endo/RV	Bi	IS-1	Passive	Poly
033-446	Endo/—	Bi	IS-1	None	Poly
033-448	Endo/RV	Bi	IS-1	Passive	Poly
033-452	Myo/RA/RV	Uni	IS-1	Suture	Poly
033-454	Endo/RV	Bi	IS-1	Ext/Ret Screw	Poly
033-458	Endo/RV	Bi	IS-1	Passive	Silicone
033-462	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-462F	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-462M	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-464	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-464F	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-464M	Endo/RA	Bi	IS-1	J+Ext/Ret Screw	Poly
033-482	Endo/RV	Bi	IS-1	Passive	Poly
033-482F	Endo/RV	Bi	IS-1	Passive	Poly
033-484	Endo/RV	Bi	IS-1	Passive	Poly
033-484F	Endo/RV	Bi	IS-1	Passive	Poly
033-486	Endo/RV	Bi	IS-1	Passive	Silicone
033-486F	Endo/RV	Bi	IS-1	Passive	Silicone
033-487	Endo/RA	Uni	IS-1	Passive	Silicone
033-487F	Endo/RA	Uni	IS-1	J+Tines	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
033-488F	Endo/RA	Bi	IS-1	J+Tines	Silicone
033-489	Endo/RA	Uni	IS-1	J+Tines	Poly
033-489F	Endo/RA	Uni	IS-1	J+Tines	Poly
033-490	Endo/RA	Bi	IS-1	J+Tines	Poly
033-490F	Endo/RA	Bi	IS-1	J+Tines	Poly
033-492	Endo/RA	Bi	IS-1	J+Tines	Poly
033-492F	Endo/RA	Bi	IS-1	J+Tines	Poly
033-571	Myo/RA/RV	Uni	IS-1	Screw	Silicone
033-572	Myo/RA/RV	Uni	IS-1	Screw	Silicone
033-586	Myo/RV	Bi	IS-1	Screw	Silicone
033-588	Myo/RV	Bi	IS-1	Screw	Silicone
033-589	Endo/RA	Uni	IS-1	J+Tines	Poly
033-590	Endo/RA	Bi	IS-1	J+Tines	Poly
033-591	Endo/RA	Uni	IS-1	J+Tines	Poly
033-592	Endo/RA	Bi	IS-1	J+Tines	Poly
033-654	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Poly
033-757	Endo/RA	Uni	IS-1	J+Tines	Poly
033-812	Endo/RA	Bi	IS-1	Ext/Ret Screw	Poly
033-856	Endo/RA	Bi	IS-1	J+Tines	Poly
076-001	Endo/RV	Uni	5	Passive	Silicone
076-002	Endo/RV	Uni	5	Passive	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
321-748	Endo/RA	Uni	3.2C	Passive	Silicone
321-748P	Endo/RA	Uni	3.2C	Passive	Silicone
321-749	Endo/RA	Bi	3.2C	Passive	Silicone
322-745	Endo/RA	Uni	6	Passive	Poly 85A
322-764	Endo/RA	Uni	6	J+Tines	Silicone
322-765	Endo/RA	Uni	6	Passive	Silicone
322-769	Endo/RA	Uni	6	Passive	Poly 85A
323-556	—/—	Uni	6	Self Cutting	—
327-753	Endo/RA	Bi	6L	J+Tines	Poly
328-745	Endo/RA	Uni	5	Passive	Poly
328-746	Endo/RA	Bi	5Bif	Passive	Poly
328-747	Endo/RA	Bi	5L	Passive	Poly
328-753	Endo/RA	Bi	5Bif	Passive	Poly
328-754	Endo/RA	Bi	5L	Passive	Poly
328-756	Endo/RA	Uni	5	Passive	Poly
329-201	Endo/RV	Bi	3.2C	Screw	Poly
329-701	Endo/RA	Bi	3.2C	Screw	Poly
329-745	—/—	Uni	3.2C	Passive	—
329-746	—/—	Bi	3.2C	Passive	—
329-747	—/—	Uni	3.2C	—	—
329-750	—/—	Uni	3.2C	—	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
329-752	—/—	Uni	3.2C	Passive	—
329-753	Endo/RA	Bi	3.2C	Passive	Poly
329-754	Endo/RA	Bi	3.2C	J+Tines	Poly
329-755A	Endo/RA	Uni	3.2C/5/6	J+Tines	Poly
330-158	Endo/RV	Uni	IS-1	Passive	Poly
330-201	Endo/RV	Bi	IS-1	Screw	Poly
330-258	Endo/RV	Bi	IS-1	Passive	Poly
330-748	Endo/RA	Uni	IS-1	Passive	Poly
330-755	Endo/RA	Uni	IS-1	J+Tines	Poly
330-801	Endo/RA	Bi	IS-1	Ext/Ret Screw	Poly
330-848	Endo/RA	Bi	IS-1	Passive	Poly
330-854	Endo/RA	Bi	IS-1	J+Tines	Poly
ESI-100	Endo/RA/RV	Uni	5	Ext/Ret Screw	Silicone
ESI-113	Endo/RA/RV	Uni	5	Screw	Silicone
PY3804	Endo/RV	Uni	—	Passive	Silicone
SCT 200	Endo/RV	Bi	5Bif	Passive	Silicone
UDT-230	Endo/RV	Bi	5Bif	Passive	Poly
UDT-302A	Endo/RV	Uni	3.2C/5/6	Passive	Poly
UDT-402	Endo/RV	Uni	5	Passive	Poly

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
F55	Endo/RV	Uni	5	Passive	—
F56	Endo/RV	Uni	5	Passive	—
F59	Endo/RV	Uni	5	Passive	—
FP57/58/59	Endo/RV	Uni	5	Passive	—
FP58	Endo/RV	Uni	5	Passive	—
FP59	Endo/RV	Uni	5	Passive	—
HELIFIX12	—/RV	Uni	—	Passive	—
ICF09B	Endo/RA/RV	Bi	IS-1	Ext/Ret Screw	Silicone
IHP09B	Endo/RV	Bi	IS-1	Passive	Silicone
IHP09JB	Endo/RA	Bi	IS-1	J+Tines	Silicone
IMC49	Endo/RV	Uni	IS-1	Passive	—
IMC49B	Endo/RV	Bi	IS-1	Passive	—
IMC49J	Endo/RA	Uni	IS-1	J+Tines	—
IMD19	Endo/RV	Uni	IS-1	Passive	—
IMD19B	Endo/RV	Bi	IS-1	Passive	—
IMD19JB	Endo/RA	Bi	IS-1	J+Tines	—
IMD49	Endo/RV	Uni	IS-1	Passive	—
IMD49B	Endo/RV	Bi	IS-1	Passive	—
IMD49JB	Endo/RA	Bi	IS-1	J+Tines	—
IME49	Endo/RV	Uni	IS-1	Passive	—
IME49B	Endo/RV	Bi	IS-1	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
IME49JB	Endo/RA	Bi	IS-1	J+Tines	—
IMG49	Endo/RV	Uni	IS-1	Passive	—
IMG49B	Endo/RV	Bi	IS-1	Passive	—
IMG49JB	Endo/RA	Bi	IS-1	J+Tines	—
IMK49B	Endo/RV	Bi	IS-1	Passive	—
IMK49JB	Endo/RA	Bi	IS-1	J+Tines	—
IML49B	Endo/RV	Bi	IS-1	Passive	—
IML49JB	Endo/RA	Bi	IS-1	J+Tines	—
IMP15Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMP16Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMP17Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMP18Q	Endo/VDD	Uni	IS-1	Passive	Silicone
IMR15Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMR16Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMR17Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMR18Q	Endo/RV	Uni	IS-1	Passive	Silicone
IMS19B	Endo/RA/RV	Bi	IS-1	Screw	—
IMS49	Endo/RA/RV	Uni	IS-1	Screw	—
IMS49B	Endo/RA/RV	Bi	IS-1	Screw	—
IMS49J	Endo/RA	Uni	IS-1	J+Fixed Screw	—
IMS49JB	Endo/RA	Bi	IS-1	J+Fixed Screw	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
IMT49	—/RV	Uni	—	Passive	—
IMT49	Endo/RV	Uni	IS-1	Passive	—
IMT49J	Endo/RA	Uni	IS-1	J+Tines	—
IMT49JB	Endo/RA	Bi	IS-1	J+Tines	—
IMU49	Endo/RA/RV	Uni	IS-1	Screw	—
IMU49B	Endo/RA/RV	Bi	IS-1	Screw	—
IMU49JB	Endo/RA	Bi	IS-1	J+Fixed Screw	—
IMV49B	Endo/RV	Bi	IS-1	Passive	—
IMW14Q	Endo/VDD	Uni	IS-1	Passive	—
IMW15Q	Endo/VDD	Uni	IS-1	Passive	—
IMW16Q	Endo/VDD	Uni	IS-1	Passive	—
IMW17Q	Endo/VDD	Uni	IS-1	Passive	—
IMW18Q	Endo/VDD	Uni	IS-1	Passive	—
IMX49	Endo/RA/RV	Uni	IS-1	Screw	—
IMX49B	Endo/RA/RV	Bi	IS-1	Screw	—
IMX49JB	Endo/RA	Bi	IS-1	J+Fixed Screw	—
IRP13	Endo/RV	Uni	IS-1	Passive	—
IRP13B	Endo/RV	Bi	IS-1	Passive	—
IRP13JB	Endo/RA	Bi	IS-1	J+Tines	—
IRP19	Endo/RV	Uni	IS-1	Passive	—
IRP19B	Endo/RV	Bi	IS-1	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
IRP19JB	Endo/RA	Bi	IS-1	J+Tines	—
IS55	—/RV	Uni	—	Passive	—
ISP13	Endo/RV	Uni	IS-1	Passive	—
ISP19	Endo/RV	Uni	IS-1	Passive	—
IT51B	—/RV	Bi	—	Passive	—
ITP13	Endo/RV	Uni	IS-1	Passive	—
ITP19	Endo/RV	Uni	IS-1	Passive	—
ITP53	Endo/RV	Uni	IS-1	Passive	—
ITP53B	Endo/RV	Bi	IS-1	Passive	—
ITP59	Endo/RV	Uni	IS-1	Passive	—
ITP59B	Endo/RV	Bi	IS-1	Passive	—
IU11	—/RV	Uni	—	Passive	—
MIP125	—/RV	Uni	—	Suture	—
MIP125S	—/RV	Uni	—	Suture	—
MIP135	—/RV	Uni	—	—	—
MIP140	—/RV	Uni	—	Passive	—
MIP145	—/RV	Uni	—	—	—
MIP147	—/RV	Uni	—	Passive	—
MIP2000	—/RV	Uni	VIT	Suture	Silicone
MIP2007	—/RV	Uni	VIT	Suture	Silicone
MIP2125S	Myo/RV	Uni	VIT	Suture	Silicone

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
MIP2140	—/RV	Uni	VIT	Passive	Silicone
MIP2145	—/RV	Uni	VIT	None	Silicone
MIP2147	—/RV	Uni	VIT	Passive	Silicone
MIP2147E	—/RV	Uni	—	Passive	—
MIP2147LOE	—/RV	Uni	VIT	Passive	Silicone
MS49	—/RV	Uni	5	Screw	—
MS49J	Endo/RA	Uni	5	J+Fixed Screw	—
S-71	—/RV	Uni	—	Passive	—
S25	Endo/RV	Uni	5	Passive	—
S252147	—/RV	Uni	—	Passive	—
S26	Endo/RV	Uni	5	Passive	—
S29	Endo/RV	Uni	5	Passive	—
S35	Endo/RV	Uni	5	Passive	—
S353147	—/RV	Uni	—	Passive	—
S36	Endo/RV	Uni	5	Passive	—
S39	Endo/RV	Uni	5	Passive	—
S55	Endo/RV	Uni	5	Passive	—
S56	Endo/RV	Uni	5	Passive	—
S59	Endo/RV	Uni	5	Passive	—
S65	Endo/RV	Uni	5	Passive	—
S66	Endo/RV	Uni	5	Passive	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
S69	Endo/RV	Uni	5	Passive	—
S71	Endo/RV	Uni	5	Screw	—
S72	Endo/RV	Uni	5	Screw	—
S79	Endo/RV	Uni	5	Screw	—
S81	Endo/RV	Uni	5	Screw	—
S82	Endo/RV	Uni	5	Screw	—
S89	Endo/RV	Uni	5	Screw	—
T51	Endo/RV	Uni	5	Passive	—
T51B	Endo/RV	Bi	3.2LP	Passive	—
T52	Endo/RV	Uni	5	Passive	—
T59	Endo/RV	Uni	5	Passive	—
T59B	Endo/RV	Bi	3.2LP	Passive	—
TP13	Endo/RV	Uni	5	Passive	—
TP19	Endo/RV	Uni	5	Passive	—
TP53	Endo/RV	Uni	5	Passive	—
TP53B	Endo/RV	Bi	3.2LP	Passive	—
TP59	Endo/RV	Uni	5	Passive	—
TP59B	Endo/RV	Bi	3.2LP	Passive	—
U11	Endo/RV	Uni	5	Screw	—
U19	Endo/RV	Uni	5	Screw	—
U71	Endo/RV	Uni	5	Screw	—

Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
U72	Endo/RV	Uni	5	Screw	—
U79	Endo/RV	Uni	5	Screw	—
VF55	Endo/RV	Uni	VIT	Passive	—
VF56	Endo/RV	Uni	VIT	Passive	—
VF59	Endo/RV	Uni	VIT	Passive	—
VFP57	Endo/RV	Uni	VIT	Passive	—
VFP58	Endo/RV	Uni	VIT	Passive	—
VFP59	Endo/RV	Uni	VIT	Passive	—
VS25	Endo/RV	Uni	VIT	Passive	—
VS26	Endo/RV	Uni	VIT	Passive	—
VS29	Endo/RV	Uni	VIT	Passive	—
VS35	Endo/RV	Uni	VIT	Passive	—
VS36	Endo/RV	Uni	VIT	Passive	—
VS39	Endo/RV	Uni	VIT	Passive	—
VS55	Endo/RV	Uni	VIT	Passive	—
VS56	Endo/RV	Uni	VIT	Passive	—
VS59	Endo/RV	Uni	VIT	Passive	—
VS65	Endo/RV	Uni	VIT	Passive	—
VS66	Endo/RV	Uni	VIT	Passive	—
VS69	Endo/RV	Uni	VIT	Passive	—
VS71	Endo/RV	Uni	VIT	Screw	—

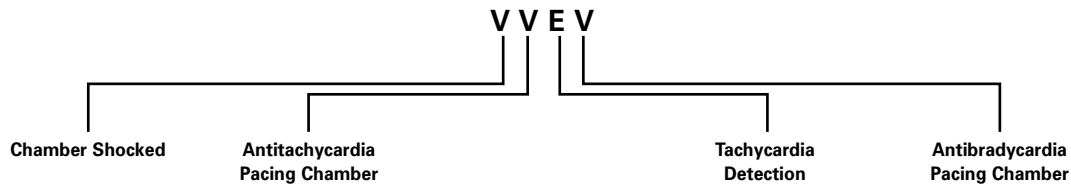
Lead Model	Placement/ Location	Polarity	Connector Size	Fixation	Insulation
VS72	Endo/RV	Uni	VIT	Screw	—
VS79	Endo/RV	Uni	VIT	Screw	—
VS81	Endo/RV	Uni	VIT	Screw	—
VS82	Endo/RV	Uni	VIT	Screw	—
VS89	Endo/RV	Uni	VIT	Screw	—
VT51	Endo/RV	Uni	VIT	Passive	—
VT52	Endo/RV	Uni	VIT	Passive	—
VT59	Endo/RV	Uni	VIT	Passive	—
VTP53	Endo/RV	Uni	VIT	Passive	—
VTP54	Endo/RV	Uni	VIT	Passive	—
VTP59	Endo/RV	Uni	VIT	Passive	—
VU71	Endo/RV	Uni	VIT	Screw	—
VU72	Endo/RV	Uni	VIT	Screw	—
VU79	Endo/RV	Uni	VIT	Screw	—

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NASPE/BPEG (NBD) Generic Defibrillator Code

Position	I	II	III	IV
Category	Shock Chamber	Antitachycardia Pacing Chamber	Tachycardia Detection	Antibradycardia Pacing Chamber
	0 = none A = atrium V = ventricle D = dual (A+V)	0 = none A = atrium V = ventricle D = dual (A+V)	E = electrogram H = hemodynamic	0 = none A = atrium V = ventricle D = dual (A+V)



Adapted from "The NASPE/BPEG Defibrillator Code." PACE, 1993;16:1776-80.

Tachy General Abbreviations

Bi	Bipolar
BiF	Bifurcated Bipolar
CS	Coronary Sinus
CT	Charge Time
Defib	Defibrillation
Endo	Endocardial
Epi	Epicardial
ERI	Elective Replacement Indicator
Ext/Ret	Extendable/Retractable
Mono	Monophasic
N/A	Not Applicable
P/S	Pace/Sense
Poly	Polyurethane
RA	Right Atrium
RV	Right Ventricle
SD	Screwdriver
SubQ	Subcutaneous
SVC	Superior Vena Cava
Uni	Unipolar

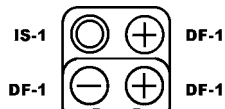
Tachy Device Connector Abbreviations

3.2 LP	3.2 mm, long pin cavity, with sealing rings
4	4 mm connector
4.75	Standard 4.75 mm connector
6.1	Standard 6.1 mm connector
6.5	Standard 6.5 mm connector
DF-1	Standard DF-1 connector
IS-1	3.2 mm, short pin cavity, no sealing rings
GDT-LLHH	4-SITE Single Pin connector

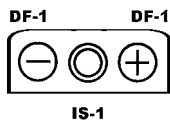
Tachy Wrenches and Screwdrivers

2	No. 2 Hex Wrench/0.035" (1/32)
2/SD	No. 2 Hex Wrench or Screwdriver
3	No. 3 Hex Wrench
4	No. 4 Hex Wrench/0.50"
4/SD	No. 4 Hex Wrench or Screwdriver
CPI	CPI Screwdriver/0.100" Bladed
Intermedics	Intermedics Screwdriver/0.200" Bladed
ScrewCap	ScrewCap Wrench for Intermedics Devices
Ventritex	Ventritex Screwdriver/20 mm Bladed

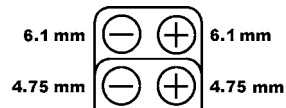
Tachy Headers

**Model Numbers**

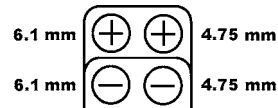
1640, 1740, 1741, 1742,
1743, 1748, 1762, 1763,
1782, 1783, 1792, 1793

**Model Numbers**

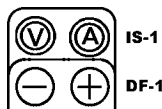
1774, 1850, 1852, 1860

**Model Numbers**

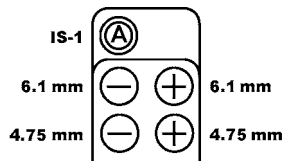
1400, 1410, 1420, 1500,
1510, 1520, 1550, 1555, 1600,
1625, 1635, 1645, 1705,
1715, 1725, 1745, 1746, 1749

**Model Numbers**

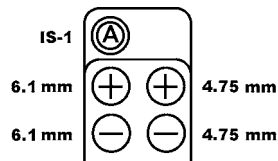
1775, 1776, 1786, 1789,
1796, 1855, 1857

**Model Numbers**

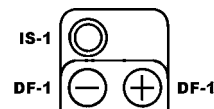
1810, 1820, 1821, 1831,
1851, 1853, 1861, 1871,
1872, A135, A155, T125,
T127, T165, T167

**Model Numbers**

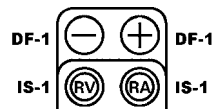
1815, 1825, 1826

**Model Numbers**

1836, 1856, 1858

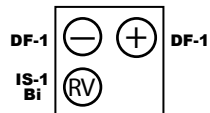
**Model Numbers**

1630, 1720, 1790,
T135, T175, T177

**Model Number**

T180, E110, *F110

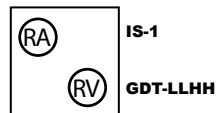
Tachy Headers

**Model Numbers**

E102, *F102

**Model Numbers**

*E103, *F103

**Model Numbers**

*E111, *F111

*Not approved for sale or market distribution in the United States.

X-Ray ID	Mfr.	Model No.
9J	MED	7201B
AN 2000	ANG	2000
AN 2010	ANG	2010
AN 2011	ANG	2011
AN 2012	ANG	2012
AN 2020	ANG	2020
AN 2021	ANG	2021
AN 2022	ANG	2022
B	GDT	1400
B	GDT	1410
BOS 119	BSC	E010
BOS 119	BSC	E020
BOS 119	BSC	E040
BOS 119	BSC	E030
BOS 119	BSC	F010
BOS 119	BSC	F030
BOS112	BSC	E102
BOS112	BSC	E103
BOS112	BSC	E111
BOS112	BSC	E110
BOS112	BSC	F102

X-Ray ID	Mfr.	Model No.
BOS112	BSC	F110
BOS112	BSC	F103
BOS112	BSC	F111
BR	GDT	1420
CPI 101	GDT	1782
CPI 101	GDT	1773
CPI 101	GDT	1772
CPI 101	GDT	1776
CPI 101	GDT	1783
CPI 101	GDT	1786
CPI 101	GDT	1788
CPI 101	GDT	1789
CPI 103	GDT	1831
CPI 103	GDT	1836
CPI 105	GDT	1774
CPI 105	GDT	1775
CPI 106	GDT	1790
CPI 106	GDT	1792
CPI 106	GDT	1793
CPI 106	GDT	1796
CPI 1500	GDT	1500

X-Ray ID	Mfr.	Model No.
CPI 1510	GDT	1510
CPI 1520	GDT	1520
CPI 1550	GDT	1550
CPI 1555	GDT	1555
CPI 1600	GDT	1600
CPI 1620	GDT	1620
CPI 1625	GDT	1625
CPI 1630	GDT	1630
CPI 1635	GDT	1635
CPI 1640	GDT	1640
CPI 1645	GDT	1645
CPI 1652	GDT	1652
CPI 1662	GDT	1662
CPI 1700	GDT	1700
CPI 1705	GDT	1705
CPI 1710	GDT	1710
CPI 1715	GDT	1715
CPI 1720	GDT	1720
CPI 1721	GDT	1721
CPI 1725	GDT	1725
CPI 1740	GDT	1740

X-Ray ID	Mfr.	Model No.
CPI 1741	GDT	1741
CPI 1742	GDT	1742
CPI 1743	GDT	1743
CPI 1745	GDT	1745
CPI 1746	GDT	1746
CPI 1748	GDT	1748
CPI 1749	GDT	1749
CPI 1752	GDT	1752
CPI 1753	GDT	1753
CPI 1762	GDT	1762
CPI 1763	GDT	1763
CPI 1800	GDT	1800
CPI 1805	GDT	1805
CPI 1810	GDT	1810
CPI 1815	GDT	1815
CPI 1820	GDT	1820
CPI 1821	GDT	1821
CPI 1825	GDT	1825
CPI 1826	GDT	1826
CR	BIO	121162
CR	BIO	121491

X-Ray ID	Mfr.	Model No.
CR	BIO	121492
CS	BIO	118862
CZ	BIO	121493
CZ	BIO	126086
CZ	BIO	330649
CZ	BIO	122331
EI	BIO	341517
EI	BIO	345424
ELA 615	ELA	615
ELA 624	ELA	624
ELA 625	ELA	625
ELA9001	ELA	9001
ELA9201	ELA	9201p
ELA9201	ELA	9201
ELAO	ELA	6550
ELAO	ELA	6250
EV	BIO	330437
EV	BIO	334341
EV	BIO	331156
EV	BIO	334342
EV	BIO	334344

X-Ray ID	Mfr.	Model No.
EV	BIO	335868
EV	BIO	335870
EV	BIO	336243
EV	BIO	122499
FA	BIO	342874
FA	BIO	342873
FA	BIO	331135
FA	BIO	338172
FA	BIO	338173
FA	BIO	338170
FA	BIO	338171
FA	BIO	330444
GDT 005	GDT	B301
GDT 104	GDT	1850
GDT 104	GDT	1851
GDT 104	GDT	1852
GDT 104	GDT	1853
GDT 104	GDT	1855
GDT 104	GDT	1856
GDT 104	GDT	1857
GDT 104	GDT	1858

X-Ray ID	Mfr.	Model No.
GDT 104	GDT	T127
GDT 104	GDT	T135
GDT 104	GDT	1860
GDT 104	GDT	1861
GDT 104	GDT	T125
GDT 108	GDT	1900
GDT 109	GDT	T165
GDT 109	GDT	T167
GDT 109	GDT	T175
GDT 109	GDT	T177
GDT 109	GDT	1870
GDT 109	GDT	1871
GDT 109	GDT	1872
GDT 109	GDT	T174
GDT 109	GDT	T176
GDT 109	GDT	T162
GDT 109	GDT	T163
GDT 114	GDT	A154
GDT 114	GDT	A135
GDT 114	GDT	A155
GDT 117	GDT	T181

X-Ray ID	Mfr.	Model No.
GDT 117	GDT	T180
GDT 117	GDT	T183
GDT 117	GDT	T182
HR	BIO	340 DR-T
HR	BIO	340 VR-T
HR	BIO	340 VR-T XL
HR	BIO	500 DR-T
HR	BIO	540 DR-T
HR	BIO	500 VR-T
HR	BIO	540 VR-T
IEC	IMC	101-01
IFC	IMC	101-01R
IFX	IMC	101-07
IGN	IMC	101-09
IHE	IMC	101-03
IHF	IMC	101-05
IJF	MED	7253
IKC	IMC	101-10
InC 3020	GDT	6330
PAE	MED	7219D
PBT	MED	7218C

X-Ray ID	Mfr.	Model No.
PBU	MED	7218D
PCB	MED	7219B
PCD	MED	7218B
PCE	MED	7219E
PCH	MED	7202E
PCV	MED	7220B
PCW	MED	7220C
PCY	MED	7220D
PDA	MED	7220E
PE	BIO	3
PE	BIO	114871
PF	BIO	122382
PF	BIO	121000
PF	BIO	121001
PFJ	MED	7221D
PFK	MED	7221C
PFK	MED	7221Cx
PFL	MED	7221B
PFM	MED	7221E
PFR	MED	7223Cx
PIC	MED	7250G

X-Ray ID	Mfr.	Model No.
PID	MED	7250H
PIM	MED	7271
PIP	MED	7227Cx
PIR/B01	MED	7227/5227B
PIR/D01	MED	7227/5227D
PIR/E01	MED	7227/5227E
PIR1	MED	7227
PJJ	MED	7229Cx
PJK	MED	7273
PJL	MED	7231
PJM	MED	7275
PKC	MED	7274
PKE	MED	7276
PKH	MED	7253B
PNR	MED	D154ATG
PNR	MED	D153ATG
PNR	MED	D153DRG
PNT	MED	D153VRC
PNT	MED	D154VRC
PRM	MED	7278
PRN	MED	7232

X-Ray ID	Mfr.	Model No.
PRN	MED	7232Cx
PRP	MED	7290Cx
PUA	MED	7287
PUB	MED	7288
PUG	MED	D234DRG
PUG	MED	D284DRG
PUG	MED	D284VRC
PVR	MED	D154AWG
PVR	MED	D154VWC
SJM JC	SJM	V-240
SJM JC	VEN	V-232
SJM JF	SJM	V-199
SJM JF	SJM	V-194
SJM JJ	SJM	V-197
SJM JJ	SJM	V-235
SJM JN	SJM	V-168
SJM JN	SJM	V-265
SJM JN	SJM	V-268
SJM JT	SJM	V-233
SJM JT	SJM	V-239
SJM JT	SJM	V-196

X-Ray ID	Mfr.	Model No.
SJM JT	SJM	V-196T
SJM JT	SJM	V-239T
SJM JV	SJM	V-158
SJM JV	SJM	V-255
SJM JV	SJM	V-258
SJM JX	SJM	V-243
SJM JX	SJM	V-193
SJM JX	SJM	V-193C
SJM JX	SJM	V-242
SJM KC	SJM	1207-30
SJM KC	SJM	1207-36
SJM KC	SJM	2207-30
SJM KC	SJM	2207-36
SJMJT	SJM	V-236
SS	MED	7216A
TAJ	TPS	4202
TBJ	MED	7217D
TBK	MED	7201D
TBL	MED	7219C
TBN	MED	7202C
TBP	MED	7202D

X-Ray ID	Mfr.	Model No.
TCL	TPS	4310
TEJ	TPS	4310HC
TLZ	TPS	4211
TPW	TPS	4203
TQW	TPS	4204
TWV	TPS	4210
TWW	TPS	4215
V-100	VEN	V-100C
V-100	VEN	V-100D
V-100	VEN	V-100
V-100	VEN	V-100B
V-105	VEN	V-105
V-105	VEN	V-105B
V-105	VEN	V-105C
V-105	VEN	V-105D
V-105AC	VEN	V-105AC
V-110	VEN	V-110
V-110	VEN	V-110B
V-110	VEN	V-110C
V-110	VEN	V-110D
V-110	VEN	V-110E

X-Ray ID	Mfr.	Model No.
V-112	VEN	V-112
V-112	VEN	V-112B
V-112	VEN	V-112C
V-112	VEN	V-112D
V-112	VEN	V-112E
V-115	VEN	V-115
V-115	VEN	V-115B
V-115	VEN	V-115C
V-115	VEN	V-115D
V-115AC	VEN	V-115AC
V-135	VEN	V-135
V-135	VEN	V-135AC
V-135	VEN	V-135D
V-145	VEN	V-145D
V-145	VEN	V-145
V-145	VEN	V-145B
V-145	VEN	V-145C
V-145AC	VEN	V-145AC
V-175	VEN	V-175D
V-175	VEN	V-175
V-175	VEN	V-175B

X-Ray ID	Mfr.	Model No.
V-175	VEN	V-175C
V-175AC	VEN	V-175AC
V-180	VEN	V-180F
V-180HVC	VEN	V-180HV3
V-185	VEN	V-185
V-185	VEN	V-185B
V-185	VEN	V-185C
V-185	VEN	V-185D
V-185AC	VEN	V-185AC
V-186F	VEN	V-186F
V-186HV3	VEN	V-186HV3
V-190	VEN	V-190F
V-190HV3	VEN	V-190HV3
ZB	MED	7217B

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
2000	Sentinel	VVEV	AN 2000	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2010	Sentinel	VVEV	AN 2010	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2011	Sentinel	VVEV	AN 2011	V:IS-1Bi	(1) DF-1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2012	Sentinel	VVEV	AN 2012	4.75BiF	(2) 6.1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2020	Lyra	VVEV	AN 2020	V:IS-1Bi	(3) 6.1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2021	Lyra	VVEV	AN 2021	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2022	Lyra	VVEV	AN 2022	4.75BiF	(2) 6.1	Mono/Biphasic	2	Charge Time >= 24 sec. Battery Voltage <= 5.0V. Programmer Indicates ERI
2030	Lyra	---	---	---	---	---	---	---

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
114871	Phylax 03	VVEV	PE	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
118748	Phylax 06	VVEV	CS	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
118862	Phylax 06	VVEV	CS	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
121737	Phylax 06	VVEV	CS	V:(2) 4.75 Bi	(2) 6.1	---	2	Programmer Indicates ERI
121162	Phylax XM Replacment	VVEV	CR	V:(2) 4.75 Bi	(2) 6.1	---	2	Programmer Indicates ERI
121491	Phylax XM	VVEV	CR	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
121492	Phylax XM Active Housing	VVEV	CR	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
121493	MycroPhylax XM HC	VVEV	CZ	V:IS-1 Bi	(2) DF-1	---	2	Programmer Indicates ERI
122333	MycroPhylax Plus	VVEV	CZ	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
122382	Phylax AV Active Housing	VVEV	PF	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
122499	Tachos DR	VVED	EV	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring Voltage <= 5.87V. Programmer Indicates ERI
126086	Mycro Phylax BT	VVEV	CZ	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
330437	Tachos MSA	DDED	EV	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 5.87V. Programmer Indicates ERI
330444	Belos VR	VVEV	FA	V:IS-1 Bi	(2) DF-1	---	2	Monitoring Voltage <= 5.75V. Programmer Indicates ERI
330649	Mycro Phylax Plus BT	VVEV	CZ	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
331135	Belos VR-T	VVEV	FA	V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
331156	Tachos MSV-VDD	DDED	EV	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Programmer Indicates ERI
334341	Deikos A+	DDED	EV	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring Voltage <= 5.87V. Programmer Indicates ERI

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
3338170	Belos DR	VVED	FA	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
338171	Belos DR-T	VVED	FA	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
338172	Belos A+	VVEV	FA	V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
338173	Belos A+/T	VVEV	FA	V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
340 DR-T	Lumax	VVED	HR	A:IS-1Bi V:IS-1Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V
340 VR-T	Lumax	VVED	HR	A:IS-1Bi V:IS-1Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V
340 VR-T XL	Lumax	VVEV	HR	V:IS-1Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V
341517	Cardiac Airbag-T	VVEV	EI	V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
342873	Belos VR (4085)	VVEV	FA	V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
342874	Belos	---	FA	---	---	Biphasic	2	---
345424	Cardiac Airbag	VVEV	EI	V:IS-1 Bi	(2) DF-1	Biphasic	2	Programmer Indicates ERI
500 DR-T	Lumax	VVED	HR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V
500 VR-T	Lumax	VVEV	HR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V
540 DR-T	Lumax	VVED	HR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V
540 VR-T	Lumax	VVEV	HR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic/Biphasic 2	2	Monitoring voltage <= 2.85V

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
E030	CONFIENT	VVED	BOS 119	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >13.1 sec or Monitoring voltage <= 2.60V. Programmer Indicates ERI
E102	TELIGEN	VVEV	BOS112	V:IS-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*E103	TELIGEN	VVEV	BOS112	V:GDT-LLHH	GDT-LLHH	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
E110	TELIGEN	VVEV	BOS112	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec.. Prgm indicates Explant.
*E111	TELIGEN	VVEV	BOS112	A:IS-1 V:GDT-LLHH	GDT-LLHH	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*F030	CONFIENT	VVED	BOS 119	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >13.1 sec or Monitoring voltage <= 2.60V. Programmer Indicates ERI
*F102	TELIGEN	VVEV	BOS112	V:IS-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*F103	TELIGEN	VVEV	BOS112	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*F110	TELIGEN	VVEV	BOS112	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*F111	TELIGEN	VVEV	BOS112	A:IS-1 V:	GDT-LLHH	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.

*Not approved for sale or market distribution in the United States.

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
615	Alto VR	—	ELA 615	V:IS-1 Bi	(2) DF-1	---	2	Monitoring voltage <= 4.86 V Magnet rate <= 80 ppm
624	Alto 2 DR	VVED	ELA 624	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring voltage <= 4.86 V Magnet rate <= 80 ppm Programmer indicates ERI
625	Alto 2 VR	VVEV	ELA 625	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring voltage <= 4.86 V Magnet rate <= 80 ppm Programmer indicates ERI
6250	Ovatio VR	VVEV	ELAO	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 4.8 V Magnet rate <= 80 ppm Programmer indicates ERI
6550	Ovatio DR	VVED	ELAO	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 4.8 V Magnet rate <= 80 ppm Programmer indicates ERI
9001	Defender (DC)	VVED	ELA9001	A:IS-1 Bi V:IS-1 Bi	(3) DF-1	---	2	Monitoring Voltage <= 4.90V. Magnet Rate <=80. Programmer Indicates ERI
9201	Defender II	VVED	ELA9201	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	---	2	Monitoring Voltage <= 4.90V. Magnet Rate <=80. Programmer Indicates ERI
9201p	Defender II	VVED	ELA9201	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	---	2	Monitoring Voltage <= 4.90V. Magnet Rate <=80. Programmer Indicates ERI
9201s	Defender II	VVED	—	—	—	Biphasic	2	---

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1400	AID-B	VOEO	B	V:(2) 4.75Bi	(2) 6.1	Monophasic	4/SD	2nd Charge Time=1.2 X 2nd CT at 8 mos
1420	AID-B	VOEO	BR	V:(2) 4.75Bi	(2) 6.1	Monophasic	4/SD	2nd Charge Time=1.2 X 2nd CT at 8 mos
1500	VENTAK	VOEO	CPI 1500	V:(2) 4.75Bi	(2) 6.1	Monophasic	4/SD	2nd Charge Time=1.2 X 2nd CT at 8 mos
1510	VENTAK	VOEO	CPI 1510	V:(2) 4.75Bi	(2) 6.1	Monophasic	4/SD	2nd Charge Time=1.2 X 2nd CT at 8 mos
1520	VENTAK	VOEO	CPI 1520	V:(2) 4.75Bi	(2) 6.1	Monophasic	4/SD	2nd Charge Time=1.2 X 2nd CT at 8 mos
1550	VENTAK	VOEO	CPI 1550	V:(2) 4.75Bi	(2) 6.1	Monophasic	2	ChargeTime After Reform=1.33 X BOL CT
1555	VENTAK	VOEO	CPI 1555	V:(2) 4.75Bi	(2) 6.1	Monophasic	2	ChargeTime After Reform=1.33 X BOL CT
1600	VENTAK P	VOEO	CPI 1600	V:(2) 4.75Bi	(2) 6.1	Monophasic	2	ChargeTime After Reform=1.33 X BOL CT
1620	VENTAK P2	VOEV	CPI 1620	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage of 4.99V
1625	VENTAK P2	VOEV	CPI 1625	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1630	VENTAK P3	VOEV	CPI 1630	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1635	VENTAK P3	VOEV	CPI 1635	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1640	VENTAK MINI+ HC S	VVEV	CPI 1640	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1645	VENTAK MINI+ S	VVEV	CPI 1645	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1652	VENTAK MINI II	VVEV	CPI 1652	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1662	VENTAK MINI II	VVEV	CPI 1662	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1700	VENTAK PRx	VVEV	CPI 1700	V:3.2LP	(2) 3.2 Defib	Monophasic	2	Programmer Indicates ERT 1
1705	VENTAK PRx	VVEV	CPI 1705	V:(2) 4.75Bi	(2) 6.1	Monophasic	2	Programmer Indicates ERT 1

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1710	VENTAK PRx3	VVEV	CPI 1710	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage of 4.99V
1715	VENTAK PRx II	VVEV	CPI 1715	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1720	VENTAK PRx III	VVEV	CPI 1720	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1721	VENTAK PRx III HC	VVEV	CPI 1721	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1725	VENTAK PRx III	VVEV	CPI 1725	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	Battery Voltage <= 4.99V. Programmer Indicates ERI
1740	VENTAK MINI	VVEV	CPI 1740	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1741	VENTAK MINI+	VVEV	CPI 1741	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1742	VENTAK MINI HC	VVEV	CPI 1742	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1743	VENTAK MINI+ HC	VVEV	CPI 1743	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1745	VENTAK MINI	VVEV	CPI 1745	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1746	VENTAK MINI+	VVEV	CPI 1746	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1748	VENTAK MINI HE	VVEV	CPI 1748	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1749	VENTAK MINI HE	VVEV	CPI 1749	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1752	VENTAK MINI II	VVEV	CPI 1752	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1753	VENTAK MINI II+	VVEV	CPI 1753	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1762	VENTAK MINI II	VVEV	CPI 1762	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1763	VENTAK MINI II+	VVEV	CPI 1763	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1772	VENTAK MINI III	VVEV	CPI 101	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1773	VENTAK MINI III+	VVEV	CPI 101	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1774	VENTAK VR	VVEV	CPI 105	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 20 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1775	VENTAK VR	VVEV	CPI 105	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 20 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1776	VENTAK MINI III+	VVEV	CPI 101	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1782	VENTAK MINI III	VVEV	CPI 101	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1783	VENTAK MINI III+	VVEV	CPI 101	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1786	VENTAK MINI III+	VVEV	CPI 101	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1788	VENTAK MINI III+ HE	VVEV	CPI 101	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1789	VENTAK MINI III+ HE	VVEV	CPI 101	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1790	VENTAK MINI IV	VVEV	CPI 106	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 20 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1792	VENTAK MINI IV	VVEV	CPI 106	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 20 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1793	VENTAK MINI IV+	VVEV	CPI 106	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 20 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1796	VENTAK MINI IV+	VVEV	CPI 106	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 20 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1800	VENTAK AV	WVED	CPI 1800	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1805	VENTAK AV	WVED	CPI 1805	A:IS-1Bi V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1810	VENTAK AV	WVED	CPI 1810	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1815	VENTAK AV	WVED	CPI 1815	A:IS-1Bi V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1820	VENTAK AV II DDD	WVED	CPI 1820	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1821	VENTAK AV II DR	WVED	CPI 1821	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1825	VENTAK AV II DDD	WVED	CPI 1825	A:IS-1Bi V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1826	VENTAK AV II DR	VVED	CPI 1826	A:IS-1Bi V:(2) 4.75BiF	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1831	VENTAK AV III DR	VVED	CPI 103	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1836	VENTAK AV III DR	VVED	CPI 103	A:IS-1Bi V:(2) 4.75BiF	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 4.90V. Programmer Indicates ERI
1850	VENTAK PRIZM VR	VVEV	GDT 104	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1851	VENTAK PRIZM DR	VVED	GDT 104	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1852	VENTAK PRIZM VR HE	VVEV	GDT 104	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1853	VENTAK PRIZM DR HE	VVED	GDT 104	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1855	VENTAK PRIZM VR	VVEV	GDT 104	V:(2) 4.75BiF	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1856	VENTAK PRIZM DR	VVED	GDT 104	A:IS-1Bi V:(2) 4.75BiF	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1857	VENTAK PRIZM VR HE	VVEV	GDT 104	V:(2) 4.75Bi	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1858	VENTAK PRIZM DR HE	VVED	GDT 104	A:IS-1Bi V:(2) 4.75BiF	(2) 6.1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
1860	VENTAK PRIZM 2 VR	VVEV	GDT 104	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >=17.5 sec. Or Battery Voltage <= 2.50V. Programmer Indicates ERI

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1861	VENTAK PRIZM 2 DR	VVED	GDT 104	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >=17.5 sec. Or Battery Voltage <= 2.50V. Programmer Indicates ERI
1870	VITALITY VR	VVEV	GDT 109	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.48V. Programmer Indicates ERI
1871	VITALITY DR	VVED	GDT 109	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.48V. Programmer Indicates ERI
1872	VITALITY DR+	VVED	GDT 109	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.48V. Programmer Indicates ERI
1900	VENTAK PRIZM AVT	DDED	GDT 108	A:IS-1Bi V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Battery Voltage <= 2.45V. Programmer Indicates ERI
6330	METRIX	AAEA	InC 3020	V:IS-1Bi RA:(1) DF-1 CS:(1) DF-1	Biphasic		3	Battery Voltage <= 2.60V
*A135	VITALITY AVT	DDED	GDT 114	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 17.9 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 23.0 seconds. Programmer Indicates ERI
*A154	VITALITY AVT	DDED	GDT 114	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.50V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 17.9 seconds. Programmer Indicates ERI
*A155	VITALITY AVT	DDED	GDT 114	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.50V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 17.9 seconds. Programmer Indicates ERI
*B301	ASSURE	DDED	GDT 005	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
T125	VITALITY DS DR	VVED	GDT 104	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI

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Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
T127	VITALITY EL DR	VVED	GDT 104	A:IS-1Bi V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.52V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
T135	VITALITY DS VR	VVEV	GDT 104	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
*T162	VITALITY 2 DR	VVED	GDT 109	A:IS-1 V:GDT-LLHH	GDT-LLHH	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
*T163	VITALITY 2 DR EL	VVED	GDT 109	A:IS-1 V:GDT-LLHH	GDT-LLHH	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.52V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
T165	VITALITY 2 DR	VVED	GDT 109	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
T167	VITALITY 2 DR EL	VVED	GDT 109	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.52V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
*T174	VITALITY 2 VR	VVEV	GDT 109	V:GDT-LLHH	GDT-LLHH	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
T175	VITALITY 2 VR	VVEV	GDT 109	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
*T176	VITALITY 2 VR EL	VVEV	GDT 109	V:GDT-LLHH	GDT-LLHH	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.52V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI

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Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
T177	VITALITY 2 VR EL	VVEV	GDT 109	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.52V, ERI Charge Time is 18.9 seconds. Programmer Indicates ERI
T180	VITALITY DR HE	VVEV	GDT 117	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or Charge Time > 14.6 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
101-01	Res-Q	VVEV	IEC	IS-1Uni	(2) 4	Biphasic	ScrewCap	Battery Voltage <= 4.70V
101-01R	Res-Q	VVEV	IFC	4.75Uni	(2) 6.1	Biphasic	ScrewCap	Battery Voltage <= 4.70V
101-03	ResQ II	VVEV	IHE	A:IS-1Bi V:IS-1Uni	(3) DF-1	Biphasic	ScrewCap	Battery Voltage <= 5.10V
101-05	Res-Q Micron	VVEV	IHF	V:4.75 Uni (+inactive port)	(2) 6.1	Biphasic	ScrewCap	Battery Voltage <= 5.30V
101-07	ResQ II	VVEV	IFX	A:IS-1Bi V:IS-1Uni	(3) DF-1	Biphasic	ScrewCap	Battery Voltage <= 5.10V
101-09	Res-Q Micron	VVEV	IGN	A:IS-1Bi V:IS-1Uni	(2) DF-1	Biphasic	ScrewCap	Battery Voltage <= 5.30V
101-10	ResQ Micron Advantage	VVEV	IKC	A:IS-1Bi V:IS-1Uni	(2) DF-1	Biphasic	2	Battery Voltage <= 5.30V
101-10A	ResQ Micron Advantage	—	—	—	—	—	#2 torque driver & splined cap	—

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
7201B	CD	VOEV	9J	V:3.2LP (IS-1 Bi Comp)	(3) 6.5	Monophasic	2	2nd Charge Time >= 11sec. Monitoring Voltage <= 4.97V
7201D	CD	VOEV	TBK	V:IS-1 Bi	(3) DF-1	Monophasic	2	2nd Charge Time >= 11sec. Monitoring Voltage <= 4.97V
7202B	Jewel CD	VOEV	---	---	---	MonBi	2	---
7202C	Jewel CD	VOEV	TBN	V:IS-1 Bi	(1) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7202D	Jewel CD	VOEV	TBP	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7202E	Jewel CD	VOEV	PCH	V:(2) 5 Bi	(2) 6.5	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7216A	PCD	VVEV	SS	V:3.2LP (IS-1 Bi Comp) (1) 3.2LP, (1) 5		Monophasic	2	2nd Charge Time >= 11sec. Monitoring Voltage <= 5.11V. <5.24V for L23 devices
7217B	PCD	VVEV	ZB	V:3.2LP (IS-1 Bi Comp)	(3) 6.5	Monophasic	2	2nd Charge Time >= 11sec. Monitoring Voltage <= 4.97V. <5.24V for L23 devices
7217D	PCD	VVEV	TBJ	V:IS-1 Bi	(3) DF-1	Monophasic	2	2nd Charge Time >= 11sec. Monitoring Voltage <= 4.97V
7218B	Micro Jewel II	VVEV	PCD	V:3.2LP (IS-1 Bi Comp)	(3) 6.5	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7218C	Micro Jewel II	VVEV	PBT	V:IS-1 Bi	(1) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7218D	Micro Jewel II	VVEV	PBU	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7218E	Micro Jewel II	VVEV	---	---	---	---	2	---
7219B	Jewel PCD	VVEV	PCB	V:3.2LP (IS-1 Bi Comp)	(3) 6.5	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7219C	Jewel PCD	VVEV	TBL	V:IS-1 Bi	(1) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7219D	Jewel PCD	VVEV	PAE	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Battery Voltage <= 4.91V
7219E	Jewel PCD	VVEV	PCE	5BiF	(2) 6.5	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Battery Voltage <= 4.91V
7220B	Jewel Plus	VVEV	PCV	V:3.2LP (IS-1Bi Comp)	(3) 6.5	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Battery Voltage <= 4.91V
7220C	Jewel Plus	VVEV	PCW	V:IS-1Bi	(1) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Battery Voltage <= 4.91V

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
7220D	Jewel Plus	VVEV	PCY	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7220E	Jewel Plus	VVEV	PDA	V:(2) 5 Bi	(2) 6.5	Mono/Biphasic	2	2nd Charge Time >= 14.5sec. Monitoring Voltage <= 4.91V
7221B	Micro Jewel	VVEV	PFL	V:3.2LP (IS-1 Bi Comp)	(3) 6.5	Mono/Biphasic	2	Monitoring Voltage <= 4.91V
7221C	Micro Jewel	VVEV	PFK	---	---	MonBi	2	---
7221Cx	Micro Jewel	VVEV	PFK	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 4.91V
7221D	Micro Jewel	VVEV	PFJ	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 4.91V
7221E	Micro Jewel	VVEV	PFM	V:(2) 5 Bi	(2) 6.5	Mono/Biphasic	2	Monitoring Voltage <= 4.91V
7223Cx	Micro Jewel II	VVEV	PFR	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 4.91V
7227	GEM VR	---	PIR1	---	---	Mono/Biphasic	2	---
7227/5227B	GEM	VVEV	PIR/B01	V:3.2LP (IS-1 Bi Comp)	(3) 6.5	Biphasic	2	Monitoring voltage <= 2.55V
7227/5227D	GEM	VVEV	PIR/D01	V:IS-1 Bi	(3) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7227/5227E	GEM	VVEV	PIR/E01	V:(2) 5 Bi	(2) 6.5	Biphasic	2	Monitoring voltage <= 2.55V
7227Cx	GEM	VVEV	PIP	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7229Cx	GEM II VR	VVEV	PJJ	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7230	Marquis	---	---	---	---	---	---	---
7230B	Marquis	---	---	---	---	---	---	---
7230Cx	Marquis	---	---	---	---	---	---	---
7230E	Marquis	---	---	---	---	---	---	---
7231	GEM III VR	VVEV	PJL	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7232	Maximo VR	VVEV	PRN	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring Voltage <= 2.62V
7232Cx	Maximo VR	VVEV	PRN	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <=2.62V
7250G	Jewel AF	DDED	PIC	---	---	MonBi	2	---

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
7250H	JEWEL AF	VVED	PID	A:IS-1 Bi V:IS-1 Bi	(3) DF-1	Biphasic	2	Monitoring Voltage <= 4.94V
7253	---	OADD	IJF	---	---	N/A	2	---
7253B	---	OADD	PKH	---	---	N/A	2	---
7271	GEM DR	VVED	PIM	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring Voltage <= 4.91V
7273	GEM II DR	VVED	PJK	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7274	MARQUIS DR	VVED	PKC	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.62V
7275	GEM III DR	VVED	PJM	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7276	GEM III AT	DDED	PKE	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.55V
7278	Maximo DR	VVED	PRM	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring Voltage <= 2.62V
7287	INTRINSIC 30	VVED	PUA	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.62V
7288	INTRINSIC	VVED	PUB	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.62V
7290Cx	Onyx VR	VVEV	PRP	V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring Voltage <= 2.62V
D153ATG	EnTrust	DDED	PNR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.61V
D153DRG	EnTrust	VVED	PNR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.61V
D153VRC	EnTrust	VVEV	PNT	V:IS-1Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.61V
D154ATG	EnTrust	DDED	PNR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.61V
D154AWG	Virtuoso DR	VVED	PVR	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.62V
D154VRC	EnTrust	VVEV	PNT	V:IS-1Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.61V
D154VWC	Virtuoso VR	VVEV	PVR	V:IS-1Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.62V
D234DRG	Secura	DDED	PUG	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	Monitoring voltage <= 2.62V
D284DRG	Maximo II DR	VVED	PUG	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Biphasic	2	<=2.63V
D284VRC	Maximo II VR	VVEV	PUG	V:IS-1Bi	(2) DF-1	Biphasic	2	<=2.63V7274

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
1207-30	Current VR RF	VVEV	SJM KC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
1207-36	Current VF RF	VVEV	SJM KC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
2120TH	Sieure	VVEV	---	V:IS-1 Bi	---	---	---	---
2207-30	Current DR RF	VVED	SJM KC	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
2207-36	Current DR RF	VVED	SJM KC	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
CD1211-36	Current Plus VR	---	---	V:IS-1Bi	(2) DF-1	---	2	---
CD1211-36Q	Current Plus VR	---	---	V:SJ4 LLHH	SJ4 LLHH	---	2	---
CD2211-36	Current Plus VR	---	---	V:IS-1Bi	(2) DF-1	---	2	---
CD2211-36Q	Current Plus VR	---	---	V:SJ4 LLHH	SJ4 LLHH	---	2	---
V-158	Epic VR	VVEV	SJM JV	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-168	ATLAS II VR		SJM JN	V:IS-1Bi	(2) DF-1	---	2	Monitoring Voltage <= 2.45V
V-193	Atlas Plus VR	VVEV	SJM JX	V: IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-193C	Atlas Plus VR	VVEV	SJM JX	V:(2) 5 Bi	(2) 6.1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-194	Photon Micro VR	VVEV	SJM JF	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-196	Epic Plus VR	VVEV	SJM JT	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-196T	Epic Plus VR	VVEV	SJM JT	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-197	Epic VR	VVEV	SJM JJ	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-199	ATLAS SR	VVEV	SJM JF	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-233	Epic DR	VVED	SJM JT	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-235	Epic DR	VVED	SJM JJ	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-236	Epic + DR	VVED	SJMJT	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	---

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
V-239	Epic Plus DR	VVED	SJM JT	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	—
V-239T	Epic Plus DR	VVED	SJM JT	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	—
V-240	ATLAS DR	VVED	SJM JC	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-242	Atlas DR	VVED	SJM JX	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring voltage <= 2.45V
V-243	Atlas Plus DR	VVED	SJM JX	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-255	Epic DR	VVED	SJM JV	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-258	Epic + DR	VVED	SJM JV	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	—
V-265	Atlas II DR		SJM JN	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Prog. Waveforms	2	Monitoring voltage <= 2.45V
V-268	Atlas II+ DR		SJM JN	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Prog. Waveforms	2	Monitoring voltage <= 2.45

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
4202	Guardian	VVEV	TAJ	V:3.2 in-line Bi	(2) 6.1	Monophasic	2	2nd Charge Time >= 24 or 1st-3rd CT>30 sec. Cell impedance 21K
4203	Guardian	VVEV	TPW	V:3.2 in-line Bi	(2) DF-1	Monophasic	2	2nd Charge Time >= 24 or 1st-3rd CT>30 sec. Cell impedance 21K
4204	Guardian II	VVEV	TQW	V:VS-1B	(2) DF-1	Monophasic	2	5% Monitoring Telemetered
4210	Guardian ATP	VVEV	TWV	V:VS-1B	(2) DF-1	Monophasic	2	5% Monitoring Telemetered
4211	Guardian ATP II	VVEV	tLZ	V:VS-1B	(2) DF-1	Mono/Biphasic	2	>20% Monitoring Telemetered
4215	Guardian ATP III	VVEV	tWW	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	>10% Monitoring Telemetered
4310	Sentry	VVEV	tCL	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	>10% Monitoring Telemetered
4310HC	Sentry	VVEV	tEJ	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	>10% Monitoring Telemetered

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
V-100	Cadence	VVEV	V-100	V:IS-1Bi	(2) 5	Mono/Biphasic	4/SD	Battery Voltage <= 5.10V
V-100B	Cadence	VVEV	V-100	4.75BiF	(2) 5	Mono/Biphasic	4/SD	Battery Voltage <= 5.10V
V-100C	Cadence	VVEV	V-100	4.75BiF	(2) 6.1	Mono/Biphasic	4/SD	Battery Voltage <= 5.10V
V-100D	Cadence	VVEV	V-100	V:IS-1Bi	(3) DF-1	Mono/Biphasic	4/SD	Battery Voltage <= 5.10V
V-105	Cadet LT	VOEV	V-105	V:IS-1Bi	(2) 5	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-105AC	Cadet LT	VOEV	V-105AC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-105B	Cadet LT	VOEV	V-105	4.75BiF	(2) 5	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-105C	Cadet LT	VOEV	V-105	4.75BiF	(2) 6.1	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-105D	Cadet LT	VOEV	V-105	V:IS-1Bi	(3) DF-1	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-110	Cadence	VVEV	V-110	V:IS-1Bi	(2) 5	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-110B	Cadence	VOEV	V-110	4.75BiF	(2) 5	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-110C	Cadence	VOEV	V-110	4.75BiF	(2) 6.1	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-110D	Cadence	VOEV	V-110	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-110E	Cadence	VOEV	V-110	4.75BiF	(2) DF-1	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-112	Cadence	VOEV	V-112	V:IS-1Bi	(2) 5	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-112B	Cadence	VOEV	V-112	4.75BiF	(2) 5	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-112C	Cadence	VOEV	V-112	4.75BiF	(2) 6.1	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-112D	Cadence	VOEV	V-112	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-112E	Cadence	VOEV	V-112	4.75BiF	(2) DF-1	Mono/Biphasic	2/SD	Battery Voltage <= 5.10V
V-115	Cadet	VVEV	V-115	V:IS-1Bi	(2) 5	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-115AC	Cadet	VVEV	V-115AC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	SD	Battery Voltage <= 2.55V

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
V-115B	Cadet	VVEV	V-115	4.75BiF	(2) 5	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-115C	Cadet	VVEV	V-115	4.75BiF	(2) 6.1	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-115D	Cadet	VVEV	V-115	V:IS-1Bi	(3) DF-1	Mono/Biphasic	SD	Battery Voltage <= 2.55V
V-135	Contour LT	VOEV	V-135	V:IS-1Bi	NULL	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-135AC	Contour LT	VOEV	V-135	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-135D	Contour LT	VOEV	V-135	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-145	Contour	VVEV	V-145	V:IS-1Bi	(2) 5	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-145AC	Contour	VVEV	V-145AC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-145B	Contour	VVEV	V-145	4.75BiF	(2) 5	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-145C	Contour	VVEV	V-145	4.75BiF	(2) 6.1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-145D	Contour	VVEV	V-145	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-175	Contour MD	VVEV	V-175	V:IS-1Bi	(2) 5	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-175AC	Contour MD	VVEV	V-175AC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-175B	Contour MD	VVEV	V-175	4.75BiF	(2) 5	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-175C	Contour MD	VVEV	V-175	4.75BiF	(2) 6.1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-175D	Contour MD	VVEV	V-175	V:IS-1Bi	(3) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-180F	Angstrom II	VVEV	V-180	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-180HV3	Angstrom II	VVEV	V-180HVC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-185	Contour II	VVEV	V-185	V:IS-1Bi	(2) 5	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-185AC	Contour II	VVEV	V-185AC	V:IS-1Bi	(2) DF-1	Mono/Biphasic	2	Battery Voltage <= 2.55V
V-185B	Contour II	VVEV	V-185	4.75BiF	(2) 5	Mono/Biphasic	2	Battery Voltage <= 2.55V

Model No.	Model Name	NBD Code	X-Ray ID	Sense Connector	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
V-185C	Contour II	VVEV	V-185	V:(2) 4.75 Bi	(2) 6.1	Mono/Biphasic	2	Monitoring Voltage <= 2.55V
V-185D	Contour II	VVEV	V-185	V:IS-1 Bi	(3) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.55V
V-186F	Profile MD	VVEV	V-186F	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.55V
V-186HV3	Profile MD	VVEV	V-186HV3	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.55V
V-190F	Angstrom MD	VVEV	V-190	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.55V
V-190HV3	Angstrom MD	VVEV	V-190HV3	V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.55V
V-230HV	Photon	VVED	---	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V
V-232	Photon Micro DR	VVEV	SJM JC	A:IS-1 Bi V:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.45V

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Abbreviations for Tachy Terms, Connectors & Tools

3.2 In-Line Bi	3.2 mm bipolar coaxial lead
3.2LP	Long pin, no sealing rings, 3.2 mm lead
4.75Bi	4.75 mm bipolar lead (bifurcated; does not include sealing rings in this measurement)
4.75Uni	4.75 mm unipolar lead (does not include sealing rings in this measurement)
5Bi	5 mm bipolar lead (bifurcated; includes sealing rings in measurement)
5Uni	5 mm unipolar lead (includes sealing rings in measurement)
6.1	6.1 mm unipolar lead (does not include sealing rings in measurement)
6.5	6.5 mm unipolar lead (includes sealing rings in measurement)
DF-1	DF-1 unipolar lead
IS-1Bi	Short pin, sealing rings, 3.2 mm bipolar lead
IS-1Uni	Short pin, sealing rings, 3.2 mm unipolar lead
LV-1Uni	LV-1 unipolar lead
Endo-RV	Single shocking coil, located in right ventricle
Endo-RV/SVC	Dual shocking coils, located in right ventricle and SVC
Endo-SVC	Single shocking coil, located in SVC
Endo-SVC/CS	Single shocking coil, located in SVC or CS
Endo-CS	Single shocking coil, located in CS

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
ANG	1524	Endocure RV	RV-Apex	IS-1	(1) DF-1	Bi	Tines	SILHP
ANG	4007	Angeflex	RV-Apex	N/A	(2) DF-1	N/A	Tines	SILHP
ANG	4020	AngeFlex	Endo-RV	N/A	(2) DF-1	N/A	Tines	Silicone
ANG	4021	AngeFlex	Endo-RV	N/A	(2) DF-1	N/A	Tines	Silicone
ANG	4022	AngeFlex	Endo-RV	N/A	(2) DF-1	N/A	Tines	Silicone
ANG	4023	AngeFlex	Endo-RV	N/A	(2) DF-1	N/A	Tines	Silicone
ANG	4040	AngePass	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
ANG	4041	AngePass	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
ANG	4042	AngePass	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
ANG	4080	AngePass	Endo-SVC	N/A	(1) DF-1	N/A	Tines	Silicone
ANG	4081	AngePass	Endo-SVC	N/A	(1) DF-1	N/A	None	Silicone
ANG	4082	AngePass	Endo-SVC	N/A	(1) DF-1	N/A	None	Silicone
ANG	4090	AngeFix	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
BIO	115084	PAT 81-UP	SubQ-Patch	N/A	(1) DF-1	Uni	Suture	Silicone
BIO	116414	SL-ICD 100/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	117132	EPT 80/12-UP	Epi-Patch	N/A	(1) DF-1	Uni	Suture	Silicone
BIO	117133	EPT 81/22-UP	Epi-Patch	N/A	(1) DF-1	Uni	Suture	Silicone
BIO	118375	SL-ICD 100/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	118873	SPS 65-UP/BP	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	118875	SL-ICD 65/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	118876	SL-ICD 65/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	119077	SL-ICD 100/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	119177	SL-ICD 65/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	120395	SL-ICD 75/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	120396	SL-ICD 75/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	120397	SL-ICD 75/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	120398	SPS 75 UP/BP	RV-Apex	IS-1	(1) DF-1	Bi	Tines	SILHP
BIO	124005	KAINOX RV 75	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	124217	KAINOX SL 75/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124218	KAINOX SL 75/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124219	KAINOX SL 75/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124235	KAINOX SL 65/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124236	KAINOX SL 65/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
BIO	124237	KAINOX SL 65/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124238	KAINOX SL 100/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124239	KAINOX SL 100/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124240	KAINOX SL 100/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124325	KAINOX VCS 60	Endo-SVC	N/A	(1) DF-1	N/A	None	Silicone
BIO	124574	KAINOX RVS 75	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	124934	KAINOX VDD 75/15	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	124235	KAINOX SL 65/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124236	KAINOX SL 65/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124237	KAINOX SL 65/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124238	KAINOX SL 100/13	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124239	KAINOX SL 100/16	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124240	KAINOX SL 100/18	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	124325	KAINOX VCS 60	Endo-SVC	N/A	(1) DF-1	N/A	None	Silicone
BIO	124574	KAINOX RVS 75	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	124934	KAINOX VDD 75/15	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	124935	KAINOX VDD 75/17	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	332231	KENTROX RV 75	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	332232	KENTROX RV 65	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	338148	KENTROX RV-S 65	Endo-RV	IS-1	(1) DF-1	Bi	Fixed Screw	Silicone

Mfg	Model No.	Lead Model Name	PS Placement	Defib Connector	PS Connector	Fixation Polarity	Type	Outer Insulation
BIO	341434	KAINOX A+ 75/17	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	341435	KAINOX A+ 75/15	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	343080	KENTROX RV-S 65	Endo-RV	IS-1	(1) DF-1	Bi	Fixed Screw	Silicone
BIO	345988	KENTROX SL-S 65/16cm	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone
BIO	345989	KENTROX SL-S 65/18cm	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone
BIO	347349	KENTROX SL 100/16cm	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	347350	KENTROX SL 100/18cm	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	347351	KENTROX SL 65/16cm	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	347352	KENTROX SL 65/18cm	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	347353	KENTROX SL 75/16cm	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	347354	KENTROX SL 75/18cm	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	348090	KENTROX RV 65	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	348091	KENTROX RV 75	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
BIO	350053	LINOX SD	---	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone
BIO	SL-ICD 100/10	SL-ICD 100/10	---	IS-1	(2) DF-1	Bi	Tines	Silicone
BIO	SL-ICD 65/13	118875	---	IS-1	(2) DF-1	Bi	Ext/Ret Screw	---
BIO	SPS100-UP/BP	SPS 100 UP/BP	RV-Apex	---	---	---	Tines	SILHP

Mfg	Model No.	Lead Model Name	PS Placement	Defib Connector	PS Connector	Fixation Polarity	Type	Outer Insulation
BSC	*0265	ENDOTAK RELIANCE 4-SITE	Endo-RV	GDT LLHH	GDT LLHH	Bi	Tines	Silicone
BSC	*0266	ENDOTAK RELIANCE 4-SITE	Endo-RV	GDT LLHH	GDT LLHH	Bi	Tines	Silicone
BSC	*0275	ENDOTAK RELIANCE 4-SITE	Endo-RV	GDT LLHH	GDT LLHH	Bi	Ext/Ret Screw	Silicone
BSC	*0276	ENDOTAK RELIANCE 4-SITE	Endo-RV	GDT LLHH	GDT LLHH	Bi	Ext/Ret Screw	Silicone
BSC	*0282	ENDOTAK RELIANCE 4-SITE SG	Endo-RV	GDT LLHO	GDT LLHO	Bi	Tines	Silicone
BSC	*0283	ENDOTAK RELIANCE 4-SITE SG	Endo-RV	GDT LLHO	GDT LLHO	Bi	Tines	Silicone
BSC	*0285	ENDOTAK RELIANCE 4-SITE G	Endo-RV	GDT LLHH	GDT LLHH	Bi	Tines	Silicone
BSC	*0286	ENDOTAK RELIANCE 4-SITE G	Endo-RV	GDT LLHH	GDT LLHH	Bi	Tines	Silicone
BSC	*0292	ENDOTAK RELIANCE 4-SITE SG	Endo-RV	GDT LLHO	GDT LLHO	Bi	Ext/Ret Screw	Silicone
BSC	*0293	ENDOTAK RELIANCE 4-SITE SG	Endo-RV	GDT LLHO	GDT LLHO	Bi	Ext/Ret Screw	Silicone
BSC	*0295	ENDOTAK RELIANCE 4-SITE G	Endo-RV	GDT LLHH	GDT LLHH	Bi	Ext/Ret Screw	Silicone
BSC	*0296	ENDOTAK RELIANCE 4-SITE G	Endo-RV	GDT LLHH	GDT LLHH	Bi	Ext/Ret Screw	Silicone

*Not approved for sale or market distribution in the United States.

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
GDT	0020	C10	Endo-SVC	N/A	(1) 6.1	N/A	None	Silicone
GDT	0040	A 67	Epi-Patch Small	N/A	(1) 6.1	N/A	Suture	Silicone
GDT	0041	L 67	Epi-Patch Large	N/A	(1) 6.1	N/A	Suture	Silicone
GDT	0044	Endotak C	RV Apex	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0047	ENDOTAK SQ	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
GDT	0048	ENDOTAK SQ Array	SubQ	N/A	(1) 6.1	N/A	Suture	Silicone
GDT	0049	ENDOTAK SQ Array	SubQ	N/A	(1) DF-1	N/A	Suture	Silicone
GDT	0050	Endotak C	RV Apex	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0052	Endotak C	RV Apex	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0054	Endotak C	RV Apex	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0060	ENDOTAK C	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0062	ENDOTAK C	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0063	ENDOTAK SQ	SubQ-Patch	N/A	(1) 6.1	N/A	Suture	Silicone
GDT	0064	ENDOTAK C	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0065	Epi-Patch Small	Epi-Patch Small	N/A	(1) 3.2LP	N/A	Suture	Silicone
GDT	0066	Epi-Patch Large	Epi-Patch Large	N/A	(1) 3.2LP	N/A	Suture	Silicone
GDT	0067	Epi-Patch Small	Epi-Patch Small	N/A	(1) DF-1	N/A	Suture	Silicone
GDT	0068	Epi-Patch Large	Epi-Patch Large	N/A	(1) DF-1	N/A	Suture	Silicone
GDT	0070	ENDOTAK C	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0072	ENDOTAK C	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
GDT	0073	ENDOTAK C	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0074	ENDOTAK C	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0075	ENDOTAK C	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0085	ENDOTAK SQ ARRAY XP	SubQ	N/A	(1) DF-1	N/A	Suture	Silicone
GDT	0092	ENDOTAK DSP	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0093	ENDOTAK DSP	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0094	ENDOTAK DSP	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0095	ENDOTAK DSP	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0096	ENDOTAK DSP	Endo-RV	4.75Bif	(2) 6.1	Bi	Tines	Silicone
GDT	0097	ENDOTAK DSP	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0113	ENDOTAK C	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0115	ENDOTAK C	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0123	ENDOTAK DSP	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0125	ENDOTAK DSP	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0127	ENDOTAK RELIANCE S	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
GDT	0128	ENDOTAK RELIANCE S	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
GDT	0134	ENDOTAK ENDURANCE	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0135	ENDOTAK ENDURANCE	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0136	ENDOTAK ENDURANCE	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0137	ENDOTAK RELIANCE S	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
GDT	0138	ENDOTAK RELIANCE S	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0139	ENDOTAK RELIANCE S	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0144	ENDOTAK ENDURANCE Rx	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0145	ENDOTAK ENDURANCE Rx	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0146	ENDOTAK ENDURANCE Rx	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0147	ENDOTAK RELIANCE	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0148	ENDOTAK RELIANCE	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0149	ENDOTAK RELIANCE	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0154	ENDOTAK ENDURANCE EZ	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0155	ENDOTAK ENDURANCE EZ	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0156	ENDOTAK ENDURANCE EZ	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0157	ENDOTAK RELIANCE	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0158	ENDOTAK RELIANCE	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0159	ENDOTAK RELIANCE	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0160	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0161	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0162	ENDOTAK RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0163	ENDOTAK RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0164	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0165	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
GDT	0166	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0167	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0170	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
GDT	0171	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
GDT	0172	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
GDT	0173	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
GDT	0174	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0175	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0176	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0177	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
GDT	0180	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0181	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0182	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0183	RELIANCE SG	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0184	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0185	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0186	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0187	RELIANCE G	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
GDT	0202	Perimeter CS	CS	N/A	(1) DF-1	N/A	Passive	Silicone/Poly
GDT	0203	Perimeter CS	CS	N/A	(1) DF-1	N/A	Passive	Silicone/Poly

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
GDT	0204	Perimeter CS	CS	N/A	(1) DF-1	N/A	Passive	Silicone/Poly
GDT	A67	0040	Epi-Patch	N/A	(1) 6.1	N/A	Suture	Silicone
GDT	C10	---	Superior Vena Cava	N/A	(1) 6.1	N/A	None	Silicone
GDT	L67	0041	Epi-Patch Large	N/A	(1) 6.1	N/A	Suture	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
IMC	497-01	---	Epi-Patch Small	N/A	(1) 4	N/A	Suture	Silicone
IMC	497-02	---	Epi-Patch Large	N/A	(1) 4	N/A	Suture	Silicone
IMC	497-04	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
IMC	497-05	Intervene	Endo-RV	IS-1	(1) 4	Uni	Fixed Screw	Silicone
IMC	497-06	Intervene	Endo-RV	IS-1	(1) 4	Uni	Fixed Screw	Silicone
IMC	497-07	Intervene	RV	IS-1	(1) DF-1	Uni	Screw	SILHP
IMC	497-08	Intervene	RV	IS-1	(1) DF-1	Uni	Screw	SILHP
IMC	497-09	Intervene	Endo-RV	IS-1	(1) 4	Uni	Fixed Screw	Silicone
IMC	497-10	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
IMC	497-11	---	Epi-Patch RV	N/A	(1) 4	N/A	Suture	Silicone
IMC	497-12	---	Epi-Patch LV	N/A	(1) 4	N/A	Suture	Silicone
IMC	497-13	---	Epi-Patch RV	N/A	(1) DF-1	N/A	Suture	Silicone
IMC	497-14	---	Epi-Patch LV	N/A	(1) DF-1	N/A	Suture	Silicone
IMC	497-15	---	SubQ-Patch	N/A	(1) 4	N/A	Suture	Silicone
IMC	497-16	---	Endo-SVC	N/A	(1) 4	N/A	None	Silicone
IMC	497-17	SVC Coil	SVC	N/A	(1) DF-1	N/A	Floating/Suture	SILHP
IMC	497-19	Intervene	Endo-RV	IS-1	(1) DF-1	Uni	Tines	Silicone
IMC	497-20	Intervene	Endo-RV	IS-1	(1) DF-1	Uni	Fixed Screw	Silicone
IMC	497-22	Intervene	Endo-SVC	N/A	(1) DF-1	N/A	None	Silicone
IMC	497-23	Intervene	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
IIMC	497-24	Intervene	Endo-RV	IS-1	(1) DF-1	Bi	Fixed Screw	Silicone
IMC	497-26	Intervene II	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
IMC	497-27	Intervene II	Endo-RV	IS-1	(1) DF-1	Bi	Tines	SILHP
IMC	497-28	Intervene II	Endo-RV	IS-1	(1) DF-1	Bi	Fixed Screw	SILHP

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
MED	6721L	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
MED	6721M	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
MED	6721S	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
MED	6881	---	Endo-SVC/CS	N/A	(1) 3.2LP	N/A	Passive	Silicone
MED	6884	---	Endo-RV	3.2LP	(1) 3.2LP	Bi	Ext/Ret Helix	Poly
MED	6894	---	Endo-SVC/CS	3.2LP	(1) 3.2LP	Bi	Tines	Poly
MED	6894S	---	Endo-RV	3.2LP	(1) 3.2LP	Bi	Tines	Poly
MED	6895	---	SubQ Patch	N/A	(1) 3.2LP	N/A	Suture	Silicone
MED	6897L	---	Epi-Patch	N/A	(1) 3.2LP	N/A	Suture	Silicone
MED	6897M	---	Epi-Patch	N/A	(1) 3.2LP	N/A	Suture	Silicone
MED	6897S	---	Epi-Patch	N/A	(1) 3.2LP	N/A	Suture	Silicone
MED	6921L	---	Epi-Patch	N/A	(1) 6.5	N/A	Suture	Silicone
MED	6921M	---	Epi-Patch	N/A	(1) 6.5	N/A	Suture	Silicone
MED	6921S	---	Epi-Patch	N/A	(1) 6.5	N/A	Suture	Silicone
MED	6930	Sprint Fidelis	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone/ETFE
MED	6931	Sprint Fidelis	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone/ETFE
MED	6932	Sprint SP	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
MED	6933	Transvene CS/SVC	Endo-SVC/CS	N/A	(1) DF-1	N/A	Passive	Silicone
MED	6934S	Transvene RV	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
MED	6935	SPRINT Quattro Secure S	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
MED	6948	Sprint Fidelis	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone/ETFE
MED	6949	Sprint Fidelis	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone/ETFE
MED	6963	Transvene CS/SVC	Endo-SVC/CS	N/A	(1) 6.5	N/A	Passive	Silicone
MED	6966	Transvene RV	Endo-RV	3.2LP	(1) 6.5	Bi	Ext/Ret Screw	Poly
MED	6996SQ	---	Subcutaneous	N/A	(1) DF-1	N/A	Passive	Silicone
MED	6999	Transvene SubQ	SubQ-Patch	N/A	(1) 6.5	N/A	Suture	Silicone

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
PSI	1538	---	Endo-RA	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
PSI	1558	---	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
PSI	1580	Vectra ADX	Endo-RV	IS-1	(1) DF-1	Bi	---	Silicone (wFastPass)
PSI	1581	Vectra ADX	Endo-RV	IS-1	(1) DF-1	Bi	---	Silicone (wFastPass)
SJM	1560	Riata i	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	1561	Riata i	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	1562	Riata i	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	1570	Riata	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
SJM	1571	Riata	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
SJM	1572	Riata	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	1580	Riata	Vectra ADX	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
SJM	1581	Riata	Vectra ADX	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone
SJM	1582	Riata	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone (wFastPass)
SJM	1590	Riata i	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone (wFastPass)
SJM	1591	Riata i	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Screw	Silicone (wFastPass)
SJM	1592	Riata i	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone (wFastPass)
SJM	7000	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone (wFastPass)
SJM	7001	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone (wFastPass)
SJM	7002	Riata ST	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Helix	Silicone (wFastPass)
SJM	7010	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone (wFastPass)

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
SJM	7011	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone (wFastPass)
SJM	7012	Riata ST	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Helix	Silicone (wFastPass)
SJM	7020	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone/Poly
SJM	7021	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone/Poly
SJM	7022	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone/Poly
SJM	7030	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone/Poly
SJM	7031	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret Helix	Silicone/Poly
SJM	7040	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	7041	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	7042	Riata ST	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	7050	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	7051	Riata ST	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	7052	Riata ST	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone (wFastPass)
SJM	7070	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone/Poly
SJM	7071	Riata ST Optim	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone/Poly
SJM	7120	Durata	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone/Poly
SJM	7120Q	Durata SJ4	Endo-RV	SJ4 LLHH	SJ4 LLHH	Bi	Ext/Ret	Silicone/Poly
SJM	7121	Durata	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone/Poly
SJM	7121Q	Durata	Durata	SJ4	SJ4 LLHH	Bi	Ext/Ret	Silicone/Poly

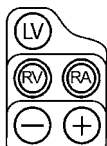
Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
SJM	7122	Durata	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret	Silicone/Poly
SJM	7122Q	Durata	Endo-RV	SJ4 LLHO	SJ4 LLHO	Bi	Ext/Ret	Silicone/Poly
SJM	7130	Durata	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone/Poly
SJM	7131	Durata	Endo-RV	IS-1	(2) DF-1	Bi	Ext/Ret	Silicone/Poly
SJM	7171	Durata	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone/Poly

Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
TPS	040-022	EnGuard PFX	Endo-RA	IS-1	(1) DF-1	Bi	Tines	Poly
TPS	040-036	EnGuard PFX	Endo-RA	IS-1	(1) DF-1	Bi	Tines	Poly
TPS	040-068	EnGuard PFX	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Poly
TPS	040-069	EnGuard PFX	Endo-RA	IS-1	(1) DF-1	Bi	Tines	Poly
TPS	040-105	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-106	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Poly
TPS	040-107	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-112	EnGuard/Atrial DF	Endo-RA	IS-1	(1) DF-1	Bi	Tines	Poly
TPS	040-113	EnGuard/Accufix DF	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Poly
TPS	040-122	Accufix DF	---	IS-1	(1) DF-1	Bi	Tines	—
TPS	040-125	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-126	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-127	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-128	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-129	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-130	---	SubQ-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
TPS	040-136	Enguard PFX	Endo-RV	IS-1	(1) DF-1	Bi	Tines	—

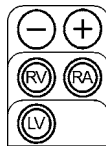
Mfg	Model No.	Model Name	Lead Placement	PS Connector	Defib Connector	PS Polarity	Fixation Type	Outer Insulation
VEN	DP-3238	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
VEN	DP-5019	---	Epi-Patch	N/A	(1) 5	N/A	Suture	Silicone
VEN	DP-5038	---	Epi-Patch	N/A	(1) 5	N/A	Suture	Silicone
VEN	RV-1101	TVL	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
VEN	RV01	TVL	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
VEN	RV02	TVL	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
VEN	RV06	TVL	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
VEN	RV07	TVL	Endo-RV	IS-1	(1) DF-1	Bi	Tines	Silicone
VEN	SP01	SPL	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
VEN	SP02	SPL	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
VEN	SP03	SPL	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
VEN	SP04	SPL	Endo-RV	IS-1	(2) DF-1	Bi	Tines	Silicone
VEN	SQ-701	TVL	SubQ-Patch	N/A	(1) DF-1	---	Suture	Silicone
VEN	SQ01	TVL	SubQ-Patch	N/A	(1) DF-1	---	Suture	Silicone
VEN	SV-1101	TVL	Endo-SVC	N/A	(1) DF-1	---	None	Silicone
VEN	1559	TVL-ADX	Endo-RV	IS-1	(1) DF-1	Bi	Ext/Ret Screw	Silicone
VEN	DP-3219	---	Epi-Patch	N/A	(1) DF-1	N/A	Suture	Silicone
VEN	SV01	TVL	Endo-SVC	N/A	(1) DF-1	---	None	Silicone
VEN	SV02	TVL	Endo-SVC	N/A	(1) DF-1	---	None	Silicone
VEN	SV03	TVL	Endo-SVC	N/A	(1) DF-1	---	None	Silicone

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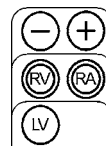
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**CONTAK CD/RENEWAL 1/2 CRT-D Header**

Model Numbers: 1823, H115, H119, H135, *H155

**CONTAK RENEWAL 3/4, LIVIAN, COGNIS CRT-D IS-1 Header**

Model Numbers: H170, H177, *H190, *H197, H210, H217, H220, H227, *H240, *H247, *N107, N119, *P107

**CONTAK RENEWAL 3/4, LIVIAN, COGNIS CRT-D LV-1 Header**

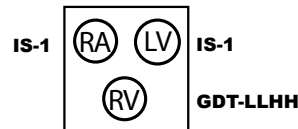
Model Numbers: H175, H179, *H195, *H199, H215, H219, H225, H229, *H245, *H249, *N106, N118, *P106

**CONTAK RENEWAL TR/TR2 CRT-P IS-1 Header**

Model Numbers: H120, *H140

**CONTAK RENEWAL TR/TR2 CRT-P LV-1 Header**

Model Numbers: H125, *H145

**4-SITE CRT-D Header**

Model Number: *P108, *N108

***Not approved for sale or market distribution in the United States.**

**Cardiac Resynchronization Therapy
Pacemakers (CRT-P)**

X-Ray ID	Mfr.	Model No.
CPI 1240	GDT	1240
ela 313	ELA	313
ela 343	ELA	343
ela 353	ELA	353
ela 363	ELA	363
ela 7336	ELA	7336
ela 7337	ELA	7337
GDT 201	GDT	1241
GDT 204	GDT	H120
GDT 204	GDT	H125
GDT 204	GDT	H140
GDT 204	GDT	H145
LE	BIO	341458
LE	BIO	341459
LE	BIO	122541
LE	BIO	112594
PIN	MED	8040
PKF	MED	8042
SV	BIO	338200

X-Ray ID	Mfr.	Model No.
SV	BIO	338207
SV	BIO	338201
SV	BIO	338206
VT	SJM	5508L
VT	SJM	5510L
VT	SJM	5508
VT	SJM	5510
VW	SJM	5596
VW	SJM	5586

**Cardiac Resynchronization Therapy
Defibrillators (CRT-D)**

X-Ray ID	Mfr.	Model No.
---	SJM	CD3211-36
---	SJM	CD3211-36Q
BOS 112	BSC	N108
BOS 112	BSC	N120
BOS 203	BSC	H220
BOS 203	BSC	H227
BOS 203	BSC	H240
BOS 203	BSC	H225
BOS 203	BSC	H245
BOS 203	BSC	H247
BOS 203	BSC	H229
BOS 203	BSC	H249
BOS 203	BSC	H261
BOS 203	BSC	H263
BOS 203	BSC	H223
BOS 203	BSC	H226
BOS 203	BSC	H228
BOS 203	BSC	H231
BOS 203	BSC	H266

X-Ray ID	Mfr.	Model No.
BOS 203	BSC	H267
BOS112	BSC	N107
BOS112	BSC	P107
BOS112	BSC	N118
BOS112	BSC	N106
BOS112	BSC	P106
BOS112	BSC	P108
BOS112	BSC	N119
CPI 1821	GDT	1822
ELA O	ELA	6750
ELA O	SOR	8750
GDT 104	GDT	H115
GDT 104	GDT	H119
GDT 116	GDT	M170
GDT 116	GDT	M175
GDT 116	GDT	M177
GDT 116	GDT	M179
GDT 116	GDT	M150
GDT 116	GDT	M155

X-Ray ID	Mfr.	Model No.
GDT 116	GDT	M157
GDT 116	GDT	M159
GDT 200	GDT	1823
GDT 202	GDT	H196
GDT 202	GDT	H155
GDT 202	GDT	H175
GDT 202	GDT	H179
GDT 202	GDT	H199
GDT 202	GDT	H197
GDT 202	GDT	H195
GDT 202	GDT	H170
GDT 202	GDT	H190
GDT 202	GDT	H171
GDT 202	GDT	H135
GDT 202	GDT	H191
GDT 202	GDT	H176
GDT 202	GDT	H177
GDT 202	GDT	H173
GDT 203	GDT	H215

**Cardiac Resynchronization Therapy
Defibrillators (CRT-D)**

X-Ray ID	Mfr.	Model No.
GDT 203	GDT	H217
GDT 203	GDT	H210
GDT 203	GDT	H219
GDT 203	GDT	H251
GDT 203	GDT	H256
GDT 203	GDT	H239
GDT 203	GDT	H235
GDT 203	GDT	H257
GDT 203	GDT	H259
GDT 203	GDT	H230
GDT 203	GDT	H250
GDT 203	GDT	H255
GDT 203	GDT	H271
GDT 203	GDT	H276
PJP	MED	7272
PLT	MED	7277
PLU	MED	7279
PLU	MED	7289
PPC	MED	7285

X-Ray ID	Mfr.	Model No.
PRH	MED	7295
PRK	MED	7299
PRK	MED	7298
PRL	MED	7304
PRL	MED	7303
PUG	MED	D284TRK
PUG	MED	D224TRK
PVR	MED	C154DWK
SH	BIO	500 HF-T
SH	BIO	540 HF-T
SJM JX	SJM	V-343
SJM JX	SJM	V-341
SJM JX	SJM	V-340
SJM JY	SJM	V-339
SJM JY	SJM	V-338
SJM JY	SJM	V-337
SJM JY	SJM	V-350
STN KA	SJM	3207-36
STN KC	SJM	3207-30

Biotronik (1.800.547.0394)		NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI Mag Rate	Elective Replacement Indicator (ERI)
122541	Triplos LV	DDDR	LE	A/RV/LV: IS-1	RV->LV/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
112594	Triplos LV	DDDR	LE	A/RV/LV:IS-1	RV:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
341458	Triplos LV-T	DDDR	LE	A/RV/LV:IS-1	RV:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338207	Stratos LA	DDDR	SV	RA/LA/RV:IS-1	LA:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338201	Stratos LV	DDDR	SV	A/RV/LV:IS-1	RV:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
341459	Triplos LV-T	DDDR	LE	A/RV/LV:IS-1	RV:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338206	Stratos LA	DDDR	SV	RA/LA/RV:IS-1	LA:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)
338200	Stratos LV	DDDR	SV	A/RV/LV:IS-1	RV:Uni/Bi	2	PR/PR-11%	90/80	Mag Rate 80 ppm (cycles 1-10) (see manual)

ELA Medical, Inc. (1.800.352.6466)		NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI Mag Rate	Elective Replacement Indicator (ERI)
7336	Chorum MSP	DDDR	ELA 7336	A/RV/LV:IS-1	A:Uni/Bi RV/LV:Uni	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
7337	Chorum MSP	DDDR	ELA 7337	RA/LA/RV:IS-1	A:Uni/Bi RA/LV:Uni	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
313	Talent MSP	DDDR	ELA 313	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
343	Talent AF MSP	DDDR	ELA 343	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
353	Talent 3 MSP	DDDR	ELA 353	A/RV/LV:IS-1	A/RV:Uni/Bi; LV:Uni	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70
363	Talent 3 MSP	DDDR	ELA 363	A/RV/LV:IS-1	A/RV:Uni/Bi; LV:Uni	2	PR/VVI 70	96/80	Gradual change in magnet rate. Rate and Mode change to VVI 70

Guidant (BSC) (1.800.227.3422)		NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI Mag Rate	Elective Replacement Indicator (ERI)
1240	Vigor CHF	DDDR	CPI 1240	A/RV/LV:IS-1 Comp	A/RV:Uni/Bi LV:Uni/Bi	2	PR/PR	100/90/85	Two-step Change in Mag Rate
1241	Contak TR	DDDR	GDT 201	A/RV:IS-1 LV:LV-1 Uni	A/RV:Uni/Bi LV:Uni/ExtBi	2	PR/PR	100/85	Single step drop in Mag Rate
H120	CONTAK RENEWAL TR	DDDR	GDT 204	A/RV/LV:IS-1	A/RV:Uni/Bi LV:Uni/Bi/ExtBi	2	PR/PR	100/85	Single step drop in Mag Rate
H125	CONTAK RENEWAL TR	DDDR	GDT 204	A/RV:IS-1 LV:LV-1	A/RV:Uni/Bi LV:Uni/Bi/ExtBi	2	PR/PR	100/85	Single step drop in Mag Rate
H140	CONTAK RENEWAL TR2	DDDR	GDT 204	A/RV/LV:IS-1	A/RV:Uni/Bi LV:Uni/Bi/ExtBi	2	PR/PR	100/85	Single step drop in Mag Rate
H145	CONTAK RENEWAL TR2	DDDR	GDT 204	A/RV:IS-1 LV:LV-1	A/RV:Uni/Bi LV:Uni/Bi/ExtBi	2	PR/PR	100/85	Single step drop in Mag Rate

Medtronic (1.800.328.2518)		NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI Mag Rate	Elective Replacement Indicator (ERI)
8040	InSync	DDDR	PIN	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Single step drop in Mag Rate
8042	InSync III	DDDR	PKF	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	2	PR/65 (VVI)	85/65 (VOO)	Single step drop in Mag Rate

St. Jude Medical (1.800.722.3774)		NBG Code	X-Ray ID	Connector	Polarity	Wrench	BOL/ERI Rate	BOL/ERI Mag Rate	Elective Replacement Indicator (ERI)
5508	Frontier 3x2	DDDR	VT	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	QL	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5508L	Frontier	DDDR	VT	A/RV/LV:IS-1 Comp	A/RV/LV:Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5510	Frontier 3x2	DDDR	VT	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	QL	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5510L	Frontier	DDDR	VT	A/RV/LV:IS-1 Comp	A/RV/LV:Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5586	Frontier II	DDDR	VW	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate
5596	Frontier II	DDDR	VW	A/RV/LV:IS-1	A/RV/LV:Uni/Bi	2	PR/PI+100ms	98.6/86.3	Gradual Decrease in Mag Rate

Biotronik (1.800.547.0394)		NBD	X-Ray		HV	Defib		
Model No./Model Name		Code	ID	Polarity	Connector	Waveform	Wrench	Elective Replacement Indicator (ERI)
347406	Kronos LV-T	VVED	FL	A/RV/LV:IS-1 Bi	(2) DF-1	Biphasic		Battery voltage <= 5.7V. Programmer indicated ERI.
355262	Lumax 300 HF-T	VVED	HR	A/RV/LV:IS-1 Bi	(2) DF-1	Biphasic/Bisphasic 2		2.5 V
355263	Lumax 340 HF-T	VVED	HR	A/RV/LV:IS-1 Bi	(2) DF-1	Biphasic/Bisphasic 2		2.5 V
360342	Lumax 500 HF-T	VVED	SH	A/RV/LV:IS-1 Bi	(2) DF-1	Biphasic/Bisphasic 2	2	2.50/2.85; Battery ID dependent
360347	Lumax 540 HF-T	VVED	SH	A/RV/LV:IS-1 Bi	(2) DF-1	Biphasic/Bisphasic 2	2	2.50/2.85; Battery ID dependent
334344	Tupos LV ATX	DDED	EV	A/RV:IS-1 Bi LV:IS-1 Uni	(2) DF-1	Biphasic		Monitoring Voltage <= 5.87V. Programmer indicated ERI manual

Boston Scientific (1.800.227.3422)		NBD	X-Ray		HV	Defib		
Model No./Model Name		Code	ID	Polarity	Connector	Waveform	Wrench	Elective Replacement Indicator (ERI)
H220	LIVIAN	VVED	BOS 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 10.5 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
H225	LIVIAN	VVED	BOS 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 10.5 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
H227	LIVIAN	VVED	BOS 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 13.1 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
H229	LIVIAN	VVED	BOS 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 13.1 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
*H240	LIVIAN	VVED	BOS 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 10.5 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
*H245	LIVIAN	VVED	BOS 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 10.5 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
*H247	LIVIAN	VVED	BOS 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 13.1 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI

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Boston Scientific (1.800.227.3422)		NBD	X-Ray	Polarity		HV	Defib	Wrench	Elective Replacement Indicator (ERI)
Model No./Model Name		Code	ID			Connector	Waveform		
*H249	LIVIAN	VVED	BOS 203	A/RV:IS-1 Bi	LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 13.1 sec. Or Monitoring Voltage <= 2.60V. Programmer Indicates ERI
*N106	COGNIS	VVED	BOS112	A/RV:IS-1 Bi	LV:LV-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*N107	COGNIS	VVED	BOS112	A/RV/LV:IS-1 Bi		(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*N108	COGNIS	VVED	BOS 112	A/LV: IS-1Bi	RV: DF-4 LLHHDF-4 LLHH		Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
N118	COGNIS	VVED	BOS 112	A/RV:IS-1 Bi	LV:LV-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
N119	COGNIS	VVED	BOS 112	A/RV/LV:IS-1 Bi		(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*P106	COGNIS	VVED	BOS 112	A/RV:IS-1 Bi	LV:LV-1 Bi	(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*P107	COGNIS	VVED	BOS 112	A/RV/LV:IS-1 Bi		(2) DF-1	Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.
*P108	COGNIS	VVED	BOS 112	A/LV: IS-1Bi	RV: DF-4 LLHHDF-4 LLHH		Biphasic - Non-programmable	2	Explant or 2nd Chrg Time >=15 sec. Prgm indicates Explant.

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ELA Medical, Inc. (1.800.352.6466)		NBD	X-Ray		HV	Defib		
Model No./Model Name		Code	ID	Polarity	Connector	Waveform	Wrench	Elective Replacement Indicator (ERI)
6750	Ovatio	VVED	ELA O	A/RV/LV:IS-1 Bi	---	---	2	Monitoring voltage <= 4.8 V Magnet rate <= 80 ppm

Guidant (BSC) (1.800.227.3422)		NBD	X-Ray		HV	Defib		
Model No./Model Name		Code	ID	Polarity	Connector	Waveform	Wrench	Elective Replacement Indicator (ERI)
1822	VENTAK CHF	VVED	CPI 1821	A/RV:IS-1 Bi LV:IS-1 Uni	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage of 4.90V or 2nd ACR of >20 sec.
1823	CONTAK CD	VVED	GDT 200	A/RV:IS-1 Bi LV:LV-1 Uni	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Monitoring Voltage <= 4.90V. Programmer Indicates ERI
H115	CONTAK CD 2	VVED	GDT 104	A/RV:IS-1 Bi LV:LV-1 Uni	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Monitoring Voltage <= 2.45V. Programmer Indicates ERI
H119	CONTAK CD 2 HE	VVED	GDT 104	A/RV:IS-1 Bi LV:LV-1 Uni	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Monitoring Voltage <= 2.45V. Programmer Indicates ERI
H135	CONTAK RENEWAL	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Monitoring Voltage <= 2.45V. Programmer Indicates ERI
*H155	CONTAK RENEWAL 2	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	2nd Charge Time >= 18 sec. Or Monitoring Voltage <= 2.45V. Programmer Indicates ERI
H170	CONTAK RENEWAL 3	VVED	GDT 202	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 12.5 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 20.0 seconds. Programmer Indicates ERI
*H171	CONTAK RENEWAL 3	VVED	GDT 202	A/LV: IS-1Bi RV: GDT-LLHH	GDT-LLHH	Mono/Biphasic	2	---
*H173	CONTAK RENEWAL 3	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 15 seconds if Monitoring Voltage is < 2.53V. Programmer Indicates ERI
H175	CONTAK RENEWAL 3	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 12.5 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 20.0 seconds. Programmer Indicates ERI

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Guidant (BSC) (1.800.227.3422) Model No./Model Name		NBD Code	X-Ray ID	Polarity	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
H177	CONTAK RENEWAL 3 HE	VVED	GDT 202	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI
H179	CONTAK RENEWAL 3 HE	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI
*H190	CONTAK RENEWAL 4	VVED	GDT 202	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 12.5 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 20.0 seconds. Programmer Indicates ERI
*H195	CONTAK RENEWAL 4	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 12.5 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.53V, ERI Charge Time is 20.0 seconds. Programmer Indicates ERI
*H197	CONTAK RENEWAL 4 HE	VVED	GDT 202	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI

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Guidant (BSC) (1.800.227.3422) Model No./Model Name		NBD Code	X-Ray ID	Polarity	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
*H199	CONTAK RENEWAL 4 HE	VVED	GDT 202	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI
H210	CONTAK RENEWAL 3 RF	VVED	GDT 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 12.5 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.5V, ERI Charge Time is 20.0 seconds. Programmer Indicates ERI
H215	CONTAK RENEWAL 3 RF	VVED	GDT 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 12.5 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.5V, ERI Charge Time is 20.0 seconds. Programmer Indicates ERI
H217	CONTAK RENEWAL 3 RF HEVVED		GDT 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to .55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI
H219	CONTAK RENEWAL 3 RF HEVVED		GDT 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 13.1 seconds. NOTE: If Monitoring Voltage is 3.0V to 2.55V, ERI Charge Time is 26.1 seconds. Programmer Indicates ERI
*H230	CONTAK RENEWAL 4 RF	VVED	GDT 203	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 15 seconds if Monitoring Voltage is < 2.55V. Programmer Indicates ERI
*H235	CONTAK RENEWAL 4 RF	VVED	GDT 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 15 seconds if Monitoring Voltage is < 2.55V. Programmer Indicates ERI

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Guidant (BSC) (1.800.227.3422) Model No./Model Name		NBD Code	X-Ray ID	Polarity	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
*H239	CONTAK RENEWAL 4 RF HEVVED	GDT 203	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 20 seconds if Monitoring Voltage is < 2.55V. Programmer Indicates ERI	
*M155	CONTAK RENEWAL 3 AVT DDED	GDT 116	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 15 seconds if Monitoring Voltage is < 2.53V. Programmer Indicates ERI	
*M159	CONTAK RENEWAL 3 HE AVTDDDED	GDT 116	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 20 seconds if Monitoring Voltage is < 2.55V. Programmer Indicates ERI	
*M170	CONTAK RENEWAL 4 AVT DDED	GDT 116	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 15 seconds if Monitoring Voltage is < 2.53V. Programmer Indicates ERI	
*M175	CONTAK RENEWAL 4 AVT DDED	GDT 116	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.48V or 2nd Charge Time > 15 seconds if Monitoring Voltage is < 2.53V. Programmer Indicates ERI	
*M177	CONTAK RENEWAL 4 HE AVTDDDED	GDT 116	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 20 seconds if Monitoring Voltage is < 2.55V. Programmer Indicates ERI	
*M179	CONTAK RENEWAL 4 HE AVTDDDED	GDT 116	A/RV:IS-1 Bi LV:LV-1 Bi	(2) DF-1	Mono/Biphasic	2	Monitoring Voltage <= 2.5V or 2nd Charge Time > 20 seconds if Monitoring Voltage is < 2.55V. Programmer Indicates ERI	

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Medtronic (1.800.328.2518)		NBD Code	X-Ray ID	Polarity	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
7272	INSYNC ICD	VVED	PJP	A/RV:IS-1 Bi LV:IS-1 Uni	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 4.91V
7277	InSync Marquis	VVED	PLT	A/RV:IS-1 Bi LV:IS-1 Uni	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7279	InSync III Marquis	VVED	PLU	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7285	InSync III Protect	VVED	PPC	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7289	InSync II Marquis	VVED	PLU	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7295	InSync II Protect	VVED	PRH	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7298	InSync Sentry	VVED	PRK	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7299	InSync Sentry	VVED	PRK	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V




Medtronic (1.800.328.2518)		NBD Code	X-Ray ID	Polarity	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (ERI)
7303	InSync Maximo	VVED	PRL	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
7304	InSync Maximo	VVED	PRL	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.62V
C154DWK	Concerto	VVED	PVR	A/RV/LV:IS-1 Bi	(2) DF-1		2	—
D224TRK	Consulta	DDED	PUG	A/RV/LV:IS-1 Bi	(2) DF-1	—	2	—
D284TRK	Maximo II	VVED	PUG	A/RV/LV:IS-1 Bi	(2) DF-1	—	2	<=2.63V on 3 consecutive daily measurements
St. Jude Medical (1.800.722.3774)		NBD Code	X-Ray ID	Polarity	HV Connector	Defib Waveform	Wrench	Elective Replacement Indicator (E)
3207-30	Promote RF	VVED	STN KC	A/RV/LV:IS-1 Bi	(2) DF-1	—	2	Battery voltage <= 2.45V
3207-36	Promote RF HE	VVED	STN KA	A/RV/LV:IS-1 Bi	(2) DF-1	—	2	Battery voltage <= 2.45V
CD3211-36	Promote Plus	—	—	A/RV/LV:IS-1 Bi	(2) DF-1	—	2	—
CD3211-36Q	Promote Plus	—	—	A/LV:IS-1 Bi V: SJ4 LLHH	SJ4 LLHH	—	2	—
V-337	Epic HF	VVED	SJM JY	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
V-338	Epic HF	VVED	SJM JY	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
V-339	Epic HF	VVED	SJM JY	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
V-340	Atlas Plus HF	VVED	SJM JX	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
V-341	Atlas Plus HF	VVED	SJM JX	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
V-343	Altas Plus HF	VVED	SJM JX	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
V-350	Epic Plus HF	VVED	SJM JY	A/RV/LV:IS-1 Bi	(2) DF-1	Mono/Biphasic	2	Battery voltage <= 2.45V
8750	Paradym	VVED	ELA O	A/RV/LV:IS-1 Bi	(2) DF-1	—	2	Battery voltage <=2.66 V Magnet rate <= 80 ppm Programmer indicates ERI





Biotronik (1.800.547.0394)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
346542	Corox OTW 75-UP	ENDO LV	Uni	IS-1	Passive	Silicone	77cm
346543	Corox OTW 85-UP	ENDO LV	Uni	IS-1	Passive	Silicone	87cm
Boston Scientific (1.800.227.3422)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
4591	ACUITY Spiral	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	80cm
4592	ACUITY Spiral	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	90cm
4593	ACUITY Spiral	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	100cm
Cordis (SJM) (1.800.525.7042)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
3324-758	—	ENDO CS	Uni	6	None	Silicone	58cm
Guidant (BSC) (1.800.227.3422)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
0720	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	T-Bar suture	Silicone/Poly	35cm
0721	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	T-Bar suture	Silicone/Poly	45cm
0722	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	T-Bar suture	Silicone/Poly	55cm
0723	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	T-Bar suture	Silicone/Poly	90cm
0725	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	T-Bar suture	Silicone/Poly	35cm
0726	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	T-Bar suture	Silicone/Poly	45cm
0727	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	T-Bar suture	Silicone/Poly	55cm
0728	EASYTRAK EPI	Epicardial LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	T-Bar suture	Silicone/Poly	90cm
4510	EASYTRAK	ENDO LV	ExtBi/Uni	LV-1 Single Electrode	Passive	Silicone/Poly	65cm
4511	EASYTRAK	ENDO LV	ExtBi/Uni	LV-1 Single Electrode	Passive	Silicone/Poly	72cm
4512	EASYTRAK	ENDO LV	ExtBi/Uni	LV-1 Single Electrode	Passive	Silicone/Poly	80cm



Guidant (BSC) (1.800.227.3422)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
4513	EASYTRAK	ENDO LV	ExtBi/Uni	LV-1 Single Electrode	Passive	Silicone/Poly	90cm
4514	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	60cm
4515	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	65cm
4516	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	72cm
4517	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	80cm
4518	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	90cm
4519	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	95cm
4520	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	100cm
4522	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	65cm
4524	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	80cm
4525	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	90cm
4527	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	LV-1 Dual Electrode	Passive	Silicone/Poly	100cm
4535	EASYTRAK	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	65cm
4536	EASYTRAK	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	72cm
4537	EASYTRAK	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	80cm
4538	EASYTRAK	ENDO LV	ExtBi/Uni	IS-1 Single Electrode	Passive	Silicone/Poly	90cm
4542	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	80cm
4543	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	90cm
4544	EASYTRAK 2	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	100cm
4548	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	80cm
4549	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	90cm
4550	EASYTRAK 3	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	100cm




Guidant (BSC) (1.800.227.3422)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
4554	ACUITY Steerable	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	80cm
4555	ACUITY Steerable	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	90cm
4556	ACUITY Steerable	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Silicone/Poly	100cm
Medtronic (1.800.328.2518)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
2187	Attain	ENDO CV	Uni	IS-1	Passive	Poly 55D	75, 85cm
2188	Attain	ENDO CS/CV	Bi	IS-1	Passive	Poly 55D	58, 65, 76cm
4189	Attain SD	ENDO CV	Uni	IS-1	Preformed	Poly 55D	65, 75, 85cm
4193	Attain OTW	ENDO CV	Uni	IS-1	Passive	Poly 55D	20-100cm
4194	Attain OTW	ENDO LV	Bi	IS-1	Passive	Poly 55D	20-110cm
4195	Attain Starfix	ENDO LV	Uni	IS-1	Passive	--	79, 88, 103cm
4196	Attain Ability OTW IS-1 Bi	ENDO LV	Bi/ExtBi/Uni	IS-1 Dual Electrode	Passive	Poly/SI-PI	20-110cm
6992	--	ENDO CS	Bi	5Bif	Passive	Silicone	59cm
6992A	--	ENDO CS	Bi	5Bif	Passive	Silicone	59cm
St. Jude Medical (1.800.722.3774)							
Model No.	Model Name	Placement/Location	Polarity	Connector	Fixation	Insulation	Length
1055K	Aescula	ENDO LV	Uni	IS-1	CS	Silicone	75cm
1055T	Aescula	ENDO LV	Bi	IS-1	CS	Silicone	75cm
1056K	QuickSite	ENDO LV	Uni	IS-1	CS	Poly/Silicone	75, 86cm
1056T	QuickSite	ENDO LV	Bi	IS-1	CS	Poly/Silicone	75, 86cm
1058T	QuickSite XL	ENDO LV	Bi	IS-1	CS	Poly/Silicone	75, 86cm
1156T	QuickFlex	ENDO LV	Bi	IS-1	S-shape/Helical	Poly/Sil	75, 86cm
1158T	QuickFlex	ENDO LV	Bi	IS-1	S-shape/Helical	Poly/Sil	75, 86cm




Product	Description	Intended use and features	Units per package	Diagram
LV-1 hemostasis valve 6789 (packaged with 2 wire guides)	<ul style="list-style-type: none"> Bleedback control valve flushing port for LV-1 leads 	<ul style="list-style-type: none"> Controls bleedback Facilitates lead flushing during implant 	1	
LV-1 lead port plug 6743	<ul style="list-style-type: none"> LV-1 lead port plug 	<ul style="list-style-type: none"> Seals unused LV-1 port 	1	
LV-1 lead cap 6742	<ul style="list-style-type: none"> LV-1 lead cap 	<ul style="list-style-type: none"> Protects EASYTRAK lead LV-1 connector pin 	1	
Rotating hemostatic valve 6745	<ul style="list-style-type: none"> Bleedback control valve ID—0.096" 	<ul style="list-style-type: none"> Controls bleedback Attaches to proximal end of guide catheter 	1	



Product	Description	Intended use and features	Units per package	Diagram
IS-1 hemostasis valve 6799 (packaged with 2 wire guides)	<ul style="list-style-type: none"> Bleedback control valve with flushing port for IS-1 leads 	<ul style="list-style-type: none"> Controls bleedback Facilitates lead flushing during implant 	1	
IS-1 lead port plug 6998	<ul style="list-style-type: none"> IS-1 lead port plug 	<ul style="list-style-type: none"> Seals unused IS-1 port 	2	
Lead cap kit 6623	<ul style="list-style-type: none"> (2) DF-1 lead caps (2) IS-1 lead caps (2) 4.75-mm lead caps 	<ul style="list-style-type: none"> Protects DF-1, IS-1, and 4.75-mm connector pins 	2 of each size (6 total)	



Product	Description	Intended use and features	Units per package	Diagram
ACUITY Universal Cutter 7060	<ul style="list-style-type: none"> Cutter compatible with all Boston Scientific left ventricular leads 	<ul style="list-style-type: none"> Universal lead management system accepts lead bodies up to 6F Enlarged proximal space accommodates a pre-loaded suture sleeve Metal lead shield designed to protect lead during cutting 	1	
ACUITY Rotating hemostatic valve 7565	<ul style="list-style-type: none"> Bleedback control valve ID—0.185" Compatible with BSC or Guidant cuttable families of guide catheters 	<ul style="list-style-type: none"> Controls bleedback Attaches to proximal end of guide catheter 	1	
ACUITY Bleedback control valve 7568	<ul style="list-style-type: none"> Spring type Bleedback control valve ID—0.187" Compatible with BSC or Guidant cuttable families of guide catheters 	<ul style="list-style-type: none"> Controls bleedback, minimizes blood loss without restricting device movement Attaches to proximal end of guide catheter 	1	
IS-1 lead delivery system accessory kit 7611	<ul style="list-style-type: none"> Torque device (6740) (2) Three-way stopcock (6798) Rotating hemostasis valve (6745) RAPDIO Cut-Away cutter (7566) RAPDIO Cut-Away rotating hemostatic valve (7565) RAPDIO Cut-Away bleedback control valve (7568) Guide wire introducer 	<ul style="list-style-type: none"> Conveniently provides commonly used accessories in one kit 	1	



Product	Description	Intended use and features	Units per package	Diagram
Balloon catheter 6714 , 90 cm 6747 , 110 cm	<ul style="list-style-type: none"> • 6F • 90 cm • Manufactured by Arrow International 	<ul style="list-style-type: none"> • Aids in obtaining venograms by occluding the CS 	1	
Safesheath introducer 6709 , 9F 6713 , 11F	<ul style="list-style-type: none"> • Hemostatic • Tear-away • Manufactured by Pressure Products Medical Supplies Inc. 	<ul style="list-style-type: none"> • Introduces various types of pacing leads and catheters into the venous system 	5	



Product	Description	Intended use and features	Units per package	Diagram
Three-way stopcock 6798	<ul style="list-style-type: none"> Manufactured by DeRoyal Industries 	<ul style="list-style-type: none"> Provides control to the open port on an RHV 	1	
Suture sleeve 6773	<ul style="list-style-type: none"> Adjustable, tubular reinforcement positioned over outer lead insulation Silicone 	<ul style="list-style-type: none"> Secures and protects EASYTRAK family of leads at venous entry site after lead placement 	1	
Torque device 6740 7135	<ul style="list-style-type: none"> Torque device 	<ul style="list-style-type: none"> Tracks over the proximal end of the guide wire and locks into position Steers guide wire into position 	1	


Product	Description	Intended use and features	Units per package	Diagram
Lead adapter 4402	<ul style="list-style-type: none"> • BLV/BIS-17 • 17 cm, unipolar/bipolar • Manufactured by Oscor, Inc. 	<ul style="list-style-type: none"> • Joins an IS-1 lead to an LV-1 lead port 	1	
Lead adapter 4403	<ul style="list-style-type: none"> • BLV/BIS-17 • 17 cm, unipolar/bipolar • Manufactured by Oscor, Inc. 	<ul style="list-style-type: none"> • Joins an LV-1 lead to an IS-1 lead port 	1	
Lead adapter 6744		<ul style="list-style-type: none"> • Lead adapter, (1) IS-1 Uni to (1) LV-1 Uni 	1	



Product	Description	Intended use and features	Units per package	Diagram
ACUITY Break-Away Extended Hook (CS-EH) Outer Guide Catheter 7068 Working length – 49 cm Overall length – 55 cm 7067 Working length – 54 cm Overall length – 61 cm	-OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	
ACUITY Break-Away MultiPurpose (CS-MP) Outer Guide Catheter 7074 Working length – 49 cm Overall length – 55 cm 7073 Working length – 54 cm Overall length – 61 cm	-OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	



Product	Description	Intended use and features	Units per package	Diagram
ACUITY Break-Away Extended Hook Straight Right (CS-EH ST R) Outer Guide Catheter 7070 Working length – 49 cm Overall length – 55 cm 7069 Working length – 54 cm Overall length – 61 cm	-OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	
ACUITY Break-Away Hook (CS-H) Outer Guide Catheter 7076 Working length – 49 cm Overall length – 55 cm 7075 Working length – 54 cm Overall length – 61 cm	-OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	


Product	Description	Intended use and features	Units per package	Diagram
ACUITY Break-Away Wide (CS-W) Outer Guide Catheter 7072 Working length – 49 cm Overall length – 55 cm 7071 Working length – 54 cm Overall length – 61 cm	-OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	
ACUITY Break-Away Amplatzer (CS-A6) Outer Guide Catheter 7078 Working length – 49 cm Overall length – 55 cm 7077 Working length – 54 cm Overall length – 61 cm	-OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	




Product	Description	Intended use and features	Units per package	Diagram
ACUITY Break-Away Straight (CS-ST) Outer Guide Catheter 7080 Working length – 49 cm Overall length – 55 cm 7079 Working length – 54 cm Overall length – 61 cm	OD - 8F, .105", 2.67mm -ID - 6.78F, .089", 2.26mm -Compatible with IS-1 and LV-1 leads	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Outer Catheter 1 Universal Cutter 1 Torque Device 1 Guide Wire Introducer	
ACUITY Break-Away 90 Degree (IC-90) Inner Guide Catheter 7064 Working length – 63 cm Overall length – 70 cm 7063 Working length – 68 cm Overall length – 75 cm	-OD - 6.4F, .084", 2.13mm -ID - 5.18F, .068", 1.73mm	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Inner Catheter	

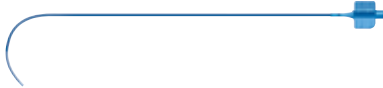


Product	Description	Intended use and features	Units per package	Diagram
ACUITY Break-Away 130 Degree (IC-130) Inner Guide Catheter 7066 Working length – 63 cm Overall length – 70 cm 7065 Working length – 68 cm Overall length – 75 cm	-OD - 6.4F, .084", 2.13mm -ID - 5.18F, .068", 1.73mm	Serves as a conduit for the delivery of contrast medium and devices, including implantable coronary venous leads, introduced into the coronary venous system. <ul style="list-style-type: none"> • Inner catheter lead delivery with ACUITY Spiral • Integrated hemostasis valve • Breakable hub 	1 Inner Catheter	

Product	Description	Intended use and features	Units per package	Diagram
RAPIDO Coronary Sinus Inner Catheter 50 Compact (CS-IC 50C) guide catheter 7720 Working length – 79 cm Overall length – 85 cm 7552 Working length – 69 cm Overall length – 75 cm	-Outer diameter (OD) – 6 French (F) -Inner diameter (ID) – 4.9F/0.064"/1.63 mm -Compatible with RAPIDO ADVANCE and RAPIDO Cut-Away	Provides access to the coronary venous system when used with an outer guide catheter <ul style="list-style-type: none"> • Offers flexibility during coronary sinus (CS) cannulation • Aids in deep-seating outer catheter • Facilitates branch vein subselection • Enables selective venogram 	1	
RAPIDO Coronary Sinus Inner Catheter 90 (CS-IC 90) guide catheter 7721 Working length – 79 cm Overall length – 85 cm 6776 Working length – 69 cm Overall length – 75 cm	-OD – 6F -ID – 4.9F/0.064"/1.63 mm -Compatible with RAPIDO and RAPIDO Cut-Away	Provides access to the coronary venous system when used with an outer guide catheter <ul style="list-style-type: none"> • Offers flexibility during coronary sinus (CS) cannulation • Aids in deep-seating outer catheter • Facilitates branch vein subselection • Enables selective venogram 	1	



Product	Description	Intended use and features	Units per package	Diagram
RAPIDO ADVANCE Coronary Sinus Extended Hook (CS-EH) guide catheter 7711 Working length – 47 cm Overall length – 53 cm 7712 Working length – 52 cm Overall length – 58 cm 7713 Working length – 57 cm Overall length – 63 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the superior vena cava (SVC) to provide access to the CS and branch vein for guide wire and direct lead delivery	1	
RAPIDO ADVANCE Coronary Sinus Extended Hook Right (CS-EH R) guide catheter 7714 Working length – 47 cm Overall length – 53 cm 7715 Working length – 52 cm Overall length – 58 cm 7716 Working length – 57 cm Overall length – 63 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the superior vena cava (SVC) to provide access to the CS and branch vein for guide wire and direct lead delivery	1	



Product	Description	Intended use and features	Units per package	Diagram
RAPIDO ADVANCE Coronary Sinus Extended Hook Straight Right (CS-EH ST R) guide catheter 7717 Working length – 47 cm Overall length – 53 cm 7718 Working length – 52 cm Overall length – 58 cm 7719 Working length – 57 cm Overall length – 63 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the SVC to provide access to the CS and branch vein for guide wire and direct lead delivery	1	



Product	Description	Intended use and features	Units per package	Diagram
RAPIDO Cut-Away Coronary Sinus Extended Hook (CS-EH) guide catheter 7511 Working length – 42 cm Overall length – 48 cm 7553 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the SVC to provide access to the CS and branch vein for guide wire and direct lead delivery	1	
RAPIDO Cut-Away Coronary Sinus Hook (CS-H) guide catheter 7556 Working length – 42 cm Overall length – 48 cm 7557 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the SVC to provide access to the CS and branch vein for guide wire and direct lead delivery	1	
RAPIDO Cut-Away Coronary Sinus Extended Hook Right (CS-EH R) guide catheter 7519 Working length – 42 cm Overall length – 48 cm 7563 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the SVC to provide right-sided access to the CS for guide wire and lead delivery	1	



Product	Description	Intended use and features	Units per package	Diagram
RAPIDO Cut-Away Coronary Sinus Extended Hook Straight Right (CS-EH ST R) guide catheter 7521 Working length – 42 cm Overall length – 48 cm 7564 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the SVC to provide access to the CS for guide wire and lead delivery	1	
RAPIDO Cut-Away Coronary Sinus Multi Purpose Hook (CS-MP) guide catheter 7554 Working length – 42 cm Overall length – 48 cm 7555 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the right atrium to provide access to the CS for guide wire and lead delivery	1	
RAPIDO Cut-Away Coronary Sinus Multi Purpose Hook (CS-MPH) guide catheter 7558 Working length – 42 cm Overall length – 48 cm 7559 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the right atrium to provide access to the CS for guide wire and lead delivery	1	


Product	Description	Intended use and features	Units per package	Diagram
RAPIDO Cut-Away Coronary Sinus Wide (CS-W) guide catheter 7516 Working length – 42 cm Overall length – 48 cm 7560 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the SVC to provide access to the CS for guide wire and lead delivery	1	
RAPIDO Cut-Away Coronary Sinus Straight (CS-ST) guide catheter 7599 Working length – 42 cm Overall length – 48 cm 7598 Working length – 47 cm Overall length – 53 cm	-OD – 8F -ID – 6.6F/0.087"/2.21 mm -Compatible with IS-1 and LV-1 EASYTRAK family of leads	Catheter shape gains support from the right atrium to provide access to the CS for guide wire and lead delivery	1	



Product	Description	Intended use and features	Units per package	Diagram
ACUITY Strait-Trak Guide Wire 7082 , 182 cm	.014" wire diameter Tip shape: Straight Coating: Hydrophilic	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Provides greater distal support as compared to Whisper View guide wire • Straightens the ACUITY Spiral lead body with less wire extending beyond the distal tip • Designed to facilitate deep-seating in tapering vessels • Soft atraumatic distal tip 	1	
ACUITY Mailman Guide Wire 7081 , 182 cm	.014" wire diameter Tip shape: Straight Coating: Hydrophilic	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Offers a comparable support profile to the Iron Man guide wire • Designed to provide more support than other BSC Guide Wires for direct delivery 	1	

Product	Description	Intended use and features	Units per package	Diagram
Hi-Torque WHISPER VIEW ES .014" guide wire 4634, 190 cm	Extra support -Parabolic ground core for transitionless profile Hydrocoat (hydrophilic coating) plus polymer on distal 30 cm -Enhanced radiopacity for exceptional visualization 36% brighter at the tip and 360% brighter proximal to the tip when compared to WHISPER	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Easy access to distal anatomy • Core-to-tip design • Increased radiopacity • Gradual increase to extra support 	1	
Hi-Torque WHISPER VIEW ES CS-J .014" guide wire 4635, 190 cm	Extra support -Parabolic ground core for transitionless profile Hydrocoat (hydrophilic coating) plus polymer on distal 30 cm -Enhanced radiopacity for exceptional visualization 36% brighter at the tip and 360% brighter proximal to the tip when compared to WHISPER	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Easy access to distal anatomy • Core-to-tip design • Increased radiopacity • Gradual increase to extra support 	1	

Product	Description	Intended use and features	Units per package	Diagram
Hi-Torque WHISPER VIEW DS .014" guide wire 4636 , 190 cm	Distal support -Parabolic ground core for transitionless profile Hydrocoat (hydrophilic coating) plus polymer on distal 30 cm -Enhanced radiopacity for exceptional visualization 36% brighter at the tip and 360% brighter proximal to the tip when compared to WHISPER	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Easy access to distal anatomy • Core-to-tip design • Increased radiopacity • Gradual increase to distal support 	1	
Hi-Torque WHISPER VIEW DS CS-J .014" guide wire 4637 , 190 cm	Distal support -Parabolic ground core for transitionless profile Hydrocoat (hydrophilic coating) plus polymer on distal 30 cm -Enhanced radiopacity for exceptional visualization 36% brighter at the tip and 360% brighter proximal to the tip when compared to WHISPER	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Easy access to distal anatomy • Core-to-tip design • Increased radiopacity • Gradual increase to distal support 	1	

Product	Description	Intended use and features	Units per package	Diagram
Hi-Torque WHISPER VIEW EDS .014" guide wire 4638 , 190 cm	Extra distal support -Parabolic ground core for transitionless profile Hydrocoat (hydrophilic coating) plus polymer on distal 30 cm -Enhanced radiopacity for exceptional visualization 36% brighter at the tip and 360% brighter proximal to the tip when compared to WHISPER	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Easy access to distal anatomy • Core-to-tip design • Increased radiopacity • Gradual increase to extra distal support 	1	
Hi-Torque WHISPER VIEW EDS CS-J .014" guide wire 4639 , 190 cm	Extra distal support -Parabolic ground core for transitionless profile Hydrocoat (hydrophilic coating) plus polymer on distal 30 cm -Enhanced radiopacity for exceptional visualization 36% brighter at the tip and 360% brighter proximal to the tip when compared to WHISPER	Aids in selective placement of compatible LV leads <ul style="list-style-type: none"> • Easy access to distal anatomy • Core-to-tip design • Increased radiopacity • Gradual increase to extra distal support 	1	

Product	Description	Intended use and features	Units per package	Diagram
.035" Hydrophilic guide wire 6411 , 180 cm	Manufactured and labeled by Lake Region Manufacturing, Inc. -.035" hydrophilic coated guide wire -Preformed angled tip -Compatible torque device included	Facilitates placement of the catheter during left ventricular lead implant procedure <ul style="list-style-type: none">• Coating durability for multiple insertions/withdrawals• Nitinol core designed to provide excellent kink resistance• 1:1 torque control to enable vessel navigation• Radiopaque polymer jacket for enhanced visualization• Preformed angled tip for steering and subselection	1	

Product	Description	Intended use and features	Units per package	Diagram
FINISHING WIRE SUPPORTRAK LV-1 6681 , 65 cm 6682 , 72 cm 6683 , 80 cm 6684 , 90 cm 6685 , 100 cm	-Compatible with EASYTRAK LV-1, EASYTRAK 2 LV-1, and EASYTRAK 3 LV-1	Smaller tip diameter profile designed for easier tracking through tortuous anatomy	1	
FINISHING WIRE SUPPORTRAK IS-1 6667 , 80 cm 6668 , 90 cm 6669 , 100 cm	-Compatible with EASYTRAK IS-1, EASYTRAK 2 IS-1, EASYTRAK 3 IS-1, ACUITY Steerable, and ACUITY Spiral	Smaller tip diameter profile designed for easier tracking through tortuous anatomy	1	

Finishing Wire Compatibility Chart

Lead	SUPPORTRAK Finish- ing Wire (6667-6669)
4517-EASYTRAK 2 IS-1 80 cm (LV-1)	6683
4518-EASYTRAK 2 IS-1 90 cm (LV-1)	6684
4520-EASYTRAK 2 IS-1 100 cm (LV-1)	6685
4542-EASYTRAK 2 IS-1 80 cm	6667
4543-EASYTRAK 2 IS-1 90 cm	6668
4544-EASYTRAK 2 IS-1 100 cm	6669
4524-EASYTRAK 3 IS-1 80 cm (LV-1)	6683
4525-EASYTRAK 3 IS-1 90 cm (LV-1)	6684
4527-EASYTRAK 3 IS-1 90 cm (LV-1)	6685
4548-EASYTRAK 3 IS-1 80 cm	6667
4549-EASYTRAK 3 IS-1 90 cm	6668
4550-EASYTRAK 3 IS-1 100 cm	6669
4554-ACUITY Steerable 80 cm	6667
4555-ACUITY Steerable 90 cm	6668
4591-ACUITY Spiral 80 cm	6667
4592-ACUITY Spiral 90 cm	6668
4593-ACUITY Spiral 100 cm	6669

**ACUITY Break-Away Guide
Catheter Length to Lead Length Recommendation**

ACUITY Break-Away outer catheter working length	Recommended lead length	
49 cm	80 cm or longer	
54 cm	*90 cm or longer	
*Depending on patient anatomy 80 cm leads may be used.		
ACUITY Break-Away outer catheter working length	ACUITY Break-Away inner catheter compatibility	Recommended ACUITY Spiral lead length
49 cm	63 cm	90 cm or longer
54 cm	68 cm	90 cm or longer







Recommendations based off of average vessel lengths in the following study: "Variability of Coronary Venous Anatomy in Patients Undergoing Cardiac Resynchronization Therapy: A High Speed Rotational Venography Study" by Jagmeet P. Singh, MD, PhD. 2007.







**RAPIDO ADVANCE Guide
Catheter Length to Lead Length Recommendation**


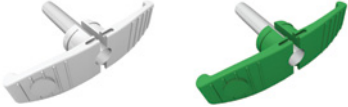




8F RAPIDO ADVANCE working length	6F inner catheter compatibility	Minimum recommended EASYTRAK lead length
47 cm	69 cm	80 cm
52 cm	79 cm	90 cm
57 cm	79 cm	90 cm




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Product	Model	From	To	Length (cm)	Diagram
Lead Adapter Sleeve	6016	(1) 3.2 mm low-profile or IS-1 unipolar connector	(1) 5 mm unipolar terminal	N/A	
Lead Adapter	6017	(1) 3.2 mm low-profile or IS-1 bipolar connector	(1) 4.75 mm bifurcated bipolar terminal	16	
Lead Adapter	6018 6161	(1) 5.38 mm unipolar connector	(1) 3.2 mm low-profile unipolar terminal	15	
Lead Adapter	6020	(1) 4.75 mm unipolar connector	(1) 3.2 mm low-profile unipolar terminal	15	
Lead Adapter Sleeve	6022	(1) 3.2 mm low-profile or IS-1 connector	(1) 6 mm unipolar terminal	N/A	
Lead Adapter (Uses 2-unipolar 4.75 mm or 1-Bif. Bipolar 4.75 mm)	6024 6162	(2) 4.75 mm connectors	(1) IS-1 bipolar terminal	16	

Product	Model	From	To	Length (cm)	Diagram
Lead Cap Kit	6504	(2) 3.2 mm and (2) 4.75 mm connectors	N/A	N/A	
Lead Adapter Sleeve	6526	(2) 4.75 mm connectors	(1) 6 mm terminal	N/A	
Lead Cap Kit	6811	(2) 4.75 mm connectors	N/A	N/A	
Lead Adapter	6986	(1) IS-1 or 3.2 mm low-profile bipolar connector	(1) IS-1 bipolar terminal	14	
Lead Extender/Adapter	6987	(1) IS-1 or 3.2 mm low-profile bipolar connector	(1) IS-1 bipolar terminal	45	
IS-1 Port Plug (1)	6998	N/A	(1) IS-1 terminal	N/A	

Product	Model	From	To	Length (cm)	Diagram
DF-1 Port Plug (1)	6996	N/A	(2) DF-1 terminals	N/A	
TVI Tool Kit (For use with RELIANCE G leads)	7600	(1) 9F TVI tool (white handle) (1) 11F TVI tool (green handle)	Hemostatic introducer	N/A	
Lead Cap Kit	6623	(2) DF-1 (2) IS-1 (2) 4.75 mm connectors	N/A	N/A	
Lead Cap Kit	6810	(2) 6.1 mm connectors	N/A	N/A	
Lead Adapter	6833	(2) 6.1 mm connectors	(1) DF-1 terminal	15	
Lead Adapter	6835	(2) DF-1 connectors	(1) DF-1 terminal	15	

Product	Model	From	To	Length (cm)	Diagram
Lead Adapter	6836	(2) 6.1 mm connectors	(1) 6.1 mm terminal	15	
Lead Adapter	6931	(1) 6.1 mm connector	(1) DF-1 terminal	14	
Lead Adapter	6952	(2) DF-1 and (1) IS-1 connectors	(2) DF-1 and (1) IS-1 terminals	60	

Model	Type	Detail
2xBIS/BIS	Adaptor/Bifurcated	From (2) IS-1 Bi connectors to (1) IS-1 Bi terminal; 17, 40 cm
B/IS	Adaptor/Bifurcated	From (2) 5 mm Uni connectors to (1) IS-1 Bi terminal; 15, 20 cm
BIS/BIS	Extension/Bipolar	Extension from (1) IS-1 Bi connector to (1) IS-1 Bi terminal; 17, 40 cm
BIS/BLV	Adaptor/Bipolar	From (1) IS-1 Bi connector to (1) LV-1 Bi terminal; 13, 17 cm
BIS/IS	Adaptor/Bifurcated	From (2) IS-1 Uni connectors to (1) IS-1 Bi terminal; 15, 20 cm
BLV/BIS	Adaptor/Bipolar	From (1) LV-1 Bi connector to (1) IS-1 Bi terminal; 10, 17 cm
C/IS	Adaptor/Unipolar	From (1) 6 mm Uni connector to (1) IS-1 Uni terminal; 10, 40 cm
C/M	Adaptor/Unipolar	From (1) 6 mm Uni connector to (1) 5 mm Uni terminal; 10, 40 cm
DYAD-IS	Adaptor/Bifurcated	From (1) IS-1 Uni & (1) IS-1 Bi connector to (1) IS-1 Bi terminal; 17 cm
DYAD-LV	Adaptor/Bifurcated	From (1) LV-1 Uni & (1) IS-1 Bi connector to (1) IS-1 Bi terminal; 17 cm
iLink-BIS	Adaptor/Bipolar	From (2) IS-1 Bi connectors to (1) IS-1 Bi terminal; 10 cm
iLink-BLV	Adaptor/Bipolar	From (1) IS-1 Bi & (1) LV-1 Bi connector to (1) IS-1 Bi terminal; 10 cm
IS/LV	Adaptor/Unipolar	From (1) IS-1 Uni connector to (1) LV-1 Uni terminal; 10 cm
LV/IS	Adaptor/Unipolar	From (1) LV-1 Uni connector to (1) IS-1 Uni terminal; 10, 40 cm
M/IS	Adaptor/Unipolar	From (1) 5 mm Uni connector to (1) IS-1 Uni terminal; 10, 40 cm
VKU-C	Extension/Unipolar	Universal Coupler (1.4 mm max outer/2.4 mm max insulation diam) to (1) 6 mm Uni terminal; 10, 20, 40 cm
VKU-M	Extension/Unipolar	Universal Coupler (1.4 mm max outer/2.4 mm max insulation diam) to (1) 5 mm Uni terminal; 10, 20, 40 cm
VKU-V	Extension/Unipolar	Universal Coupler (1.4 mm max outer/2.4 mm max insulation diam) to (1) IS-1 Uni terminal; 10, 20, 40 cm
VV	Extension/Unipolar	Extension from (1) IS-1 Uni connector to (1) IS-1 Uni terminal; 10, 40 cm

Type	Length (cm)	Firmness	Diameter (in)	Model	Knob Color	Cap Color
Wide Atrial J	45	Soft	0.014	6053	Green	White
Wide Atrial J	45	Firm	0.016	6057	White	Yellow
Wide Atrial J	52	Soft	0.014	6054	Green	Red
Wide Atrial J	52	Firm	0.016	6058	White	Green
Wide Atrial J	59	Soft	0.014	6055	Green	Yellow
Wide Atrial J	58	Firm	0.016	6059	White	Purple
Straight	45	Soft	0.014	6505	Green	White
Straight	45	Firm	0.016	6507	White	White
Straight	52	Soft	0.014	6585	Green	Red

Type	Length (cm)	Firmness	Diameter (in)	Model	Knob Color	Cap Color
Straight	52	Firm	0.016	6583	White	Red
Straight	52	Soft	0.014	6585	Green	Red
Straight	59	Soft	0.014	6601	Green	Yellow
Straight	59	Firm	0.016	6602	White	Yellow
Atrial J	45	Soft	0.014	6506	Green	White
Atrial J	45	Firm	0.016	6508	White	White
Atrial J	52	Firm	0.016	6584	White	Red
Atrial J	59	Soft	0.014	6603	Green	Yellow
Atrial J	59	Firm	0.016	6604	White	Yellow

Type	Length (cm)	Firmness	Diameter (in)	Model	Knob Color	Cap Color
Tapered	45	Soft	0.013	6044	Yellow	Yellow
Tapered	45	Limber	0.014	6032	Green	Yellow
Tapered	45	Firm	0.016	6035	White	Yellow
Tapered	52	Soft	0.013	6045	Yellow	Mint
Tapered	52	Limber	0.014	6033	Green	Mint
Tapered	52	Firm	0.016	6036	White	Mint
Tapered	58	Soft	0.013	6046	Yellow	Purple
Tapered	58	Limber	0.014	6034	Green	Purple
Tapered	58	Firm	0.016	6037	White	Purple
Atrial J	45	Soft	0.013	6050	Yellow	Yellow
Atrial J	45	Limber	0.014	6038	Green	Yellow
Atrial J	45	Firm	0.016	6041	White	Yellow
Atrial J	52	Soft	0.013	6051	Yellow	Mint
Atrial J	52	Limber	0.014	6039	Green	Mint
Atrial J	52	Firm	0.016	6042	White	Mint

Type	Length (cm)	Firmness	Diameter (in)	Model	Knob Color	Cap Color
Atrial J	58	Soft	0.013	6052	Yellow	Purple
Atrial J	58	Limber	0.014	6040	Green	Purple
Atrial J	58	Firm	0.016	6043	White	Purple
Straight	45	Soft	0.013	6047	Yellow	Yellow
Straight	45	Limber	0.014	6061	Green	Yellow
Straight	45	Firm	0.016	6064	White	Yellow
Straight	52	Soft	0.013	6048	Yellow	Mint
Straight	52	Limber	0.014	6062	Green	Mint
Straight	52	Firm	0.016	6065	White	Mint
Straight	58	Soft	0.013	6049	Yellow	Purple
Straight	58	Limber	0.014	6063	Green	Purple
Straight	58	Firm	0.016	6066	White	Purple

Type	Length (cm)	Firmness	Diameter (in)	Model	Knob Color	Cap Color
6601	59	Straight	Soft	0.014	Green	Yellow
6602	59	Straight	Firm	0.016	White	Yellow
6771	90	Straight	Firm	0.016	White	Orange
6772	90	Straight	Soft	0.014	Green	Orange
6826	100	Straight	Firm	0.016	White	White
6828	100	Straight	Soft	0.014	Green	White
6963	70	Straight	Firm	0.016	White	Black
6964	70	Straight	Soft	0.014	Green	Black
6971	64	Straight	Firm	0.016	White	Green
6972	64	Straight	Soft	0.014	Green	Green

Guidant (BSC)/(Oscor) PY/PR Repositioning Kits

Model	Length	Includes
6067	44 cm	1 red-handled straight stylet, 1 yellow-handled compact J stylet, 1 blue fixture crank
6068	48 cm	1 red-handled straight stylet, 1 yellow-handled compact J stylet, 1 blue fixture crank
6069	52 cm	1 red-handled straight stylet, 1 yellow-handled compact J stylet, 1 blue fixture crank
6625	58 cm	1 red-handled straight stylet, 1 yellow-handled compact J stylet, 1 blue fixture crank

Model	Size	Length	Description
8000	7 F (2.3mm)	25 cm	7 Fr SafeSheath Long w/Side Port 25cm
8001	8 F (2.67mm)	25 cm	8 Fr SafeSheath Long w/Side Port 25cm
8002	9 F (3.0mm)	25 cm	9 Fr SafeSheath Long w/Side Port 25cm
8003	10 F (3.3mm)	25 cm	10 Fr SafeSheath Long w/Side Port 25cm
8004	10.5 F (3.5mm)	25 cm	10.5 Fr SafeSheath Long w/Side Port 25cm
8005	11 F (3.67mm)	25 cm	11 Fr SafeSheath Long w/Side Port 25cm
7133	12 F (4.0mm)	24.8 cm	12 Fr ACC Introducer Long
7131	11 F (3.67mm)	24.8 cm	11 Fr ACC Introducer Long
7129	10 F (3.33mm)	24.8 cm	10 Fr ACC Introducer Long
7127	9 F (3.0mm)	24.8 cm	9 Fr ACC Introducer Long
7099	12 F (4.0mm)	14.2cm	12 Fr ACC Introducer Standard
7097	11 F (3.67mm)	14.2 cm	11 Fr ACC Introducer Standard
7096	10.5 F (3.50mm)	14.2 cm	10.5 Fr ACC Introducer Standard
7095	10 F (3.33mm)	14.2 cm	10 Fr ACC Introducer Standard
7093	9 F (3.0mm)	14.2 cm	9 Fr ACC Introducer Standard
7091	8 F (2.67mm)	14.2 cm	8 Fr ACC Introducer Standard
7090	7.5 F (2.5mm)	14.2 cm	7.5 Fr ACC Introducer Standard
7089	7 F (2.3mm)	14.2 cm	7 Fr ACC Introducer Standard
7115	7 F (2.3mm)	13 cm	SafeSheath 7 Fr Tear Away Valve Sheath with Side Port
7116	8 F (2.67mm)	13 cm	SafeSheath 8 Fr Tear Away Valve Sheath with Side Port
6709	9 F (3.0mm)	13 cm	SafeSheath 9 Fr Tear Away Valve Sheath with Side Port

Model	Size	Length	Description
7117	10 F (3.3mm)	13 cm	SafeSheath 10 Fr Tear Away Valve Sheath with Side Port
7118	10.5 F (3.5mm)	13 cm	SafeSheath 10.5 Fr Tear Away Valve Sheath with Side Port
6713	11 F (3.67mm)	13 cm	SafeSheath 11 Fr Tear Away Valve Sheath with Side Port
7119	12 F (4.0mm)	13 cm	SafeSheath 12 Fr Tear Away Valve Sheath with Side Port
7120	9.5 F (3.17mm)	13 cm	SafeSheath 9.5 Fr Tear Away Valve Sheath with Side Port

Model	Description	Details
6220	FINELINE Suture Sleeve	Polyurethane
6221	FINELINE Suture Sleeve	Silicone
6223	Intermedics Screw Cap Wrench	For IMC models 101-05, 101-09, 101-01, 101-01R, 271-03, 283-01S, 283-01, 284-02
6500	Pacing Accessories Kit	6504 Lead Cap Kit, 6503 Lead Stabilizer Kit, 6529 Mineral Oil, 6541 Vein Pick, 6526 Adapter Sleeve, 6022 Adapter Sleeve, 6517 Medical Adhesive, 6942 Torque Wrench, 6501 Wrench Kit. Lead Stylets Models: 6521, 6543, 6585, and 6586.
6501	Wrench Kit	(1) #2 hex., (1) #4 hex., (1) #6 hex.w/screwdriver, (1) #6 L hex.
6503	Lead Stabilizer Kit (Suture Sleeves)	(1 Each) standard lead stabilizer, bipolar thin stabilizer, unipolar thin stabilizer
6504	Lead Cap Kit - 4.75 mm/3.2 mm caps	(2) 4.75 mm, (2) 3.2 mm Caps
6517	Medical Adhesive	
6529	Mineral Oil	(1) 2 ml Bottle
6541	Vein Pick	
6562	Horseshoe Magnet	
6563	#2 Hex Wrench	
6616	FLEXTEND Fixation Tool	For FLEXTEND and RELIANCE Active Fix leads
6623	Lead Cap Kit - IS-1/DF-1/4.75 mm caps	(2) IS-1 lead caps, (2) DF-1 lead caps, and (2) 4.75 mm lead caps
6698	Wrist Magnet	
6810	Lead Caps - 6.1 mm	(2) 6.1 mm Caps terminal connectors
6811	Lead Caps - 4.75 mm terminal connectors	(2) 4.75 mm Caps

Model	Description	Details
6830	Lead anchors	2 Anchors
6860	Doughnut Magnet	
6902	Setscrew Kit #2	
6942	#2 Bidirectional Torque Wrench	
7600	Transvalvular Insertion Tool (TVI)	For use with RELIANCE G/SG. 2 per pack: (1) 11Fr TVI (green handle) for use w/ or w/o wire, (1) 9Fr TVI (white handle) for use w/o wire

Model	Description	Accessory Models
6126	Safety Adapter (Remington ADAP1)	For 3014 single-chamber Pace Medical external pacemaker system compliance, must use (1) GDT 6128 cable with (1) GDT 6126 adapter. For 4570 dual-chamber Pace Medical external pacemaker system compliance, use (2) GDT 6128 cables with (2) GDT 6126 adapters. For 4800 Pace Medical PSA system compliance, use (2) GDT 6697 cables with (2) GDT 6126 adapters.
6127	Safety Adapter (Remington ADAP2)	For 3100 SeaMed PSA system compliance, must use (2) GDT 6697 cables with (1) GDT 6127 adapter.
6128	Disposable Extension Cable	For 3014 single-chamber Pace Medical external pacemaker system compliance, must use (1) GDT 6128 with (1) GDT 6126 (Remington FL-601097) adapter. For 4570 dual-chamber Pace Medical external pacemaker system compliance, must use (2) GDT 6128 cables with (2) GDT 6126 adapters.
6130	Safety Adapter (Remington ADAP3)	For 4800 Pace Medical PSA (w/ flat terminals) system compliance, must use (2) GDT 6129 cables with (2) GDT 6130 adapters.
6133	Reusable PSA Safety Adapter	To use with 3105 Biotronik PSA, need (2) GDT 6697 cables with (1) GDT 6133 adapter. (Remington ADAP-2R)
6135	Disposable Bi-Ventricular Pacing Cable	Similar to GDT 6697 disposable pacing cable (for use with GDT 6126 adapter). GDT 6135 has additional black (negative) wire/alligator clip that is electrically common to black alligator clip on 6697. 6135 eliminates need to tie EASYTRAK to negative RV lead electrode when testing lead system for use with bi-ventricular systems.
6136	Disposable Extension Cable for	For use with 3104 and 4570 Pace Medical external pacemakers. GDT 6136 only accepts heart wires that have a protected Protected-Pin Heart Wires connector pin. For use with GDT 6126 adapter.
6610	Permanent (Reusable) PSA Pacing Cable	For use with 3100 SeaMed PSA.
6646	PSA Pacing Cable Connector (10ft) for use	For 3105 Biotronik PSA system compliance, must use (2) GDT 6651 cables with (1) GDT 6646 (or GDT 6653) pacing cable. with 6651/6652
6648	6648 (2) - Rechargeable Battery	For 3105

Model	Description	Accessory Models
6649	6649 (2) - PSA Thermal Paper	For 3105
6650	Reusable Pacer Test Cable	For Biotronik 3105
6651	PSA Disposable Cable (box of 5)	For 3105 Biotronik PSA system compliance, must use (2) GDT 6651 cables with (1) GDT 6646 pacing cable.
6652	Resterilizable Pacing Cable for 3105 PSA	For 3105 Biotronik PSA system compliance, must use (1) GDT 6652 cable with (1) GDT 6646 (or (1) GDT 6653) pacing cable connector.
6653	PSA Pacing Cable Connector (2ft) for use	For 3105 Biotronik PSA system compliance, must use (2) GDT 6651 cables with (1) GDT 6653 (or GDT 6646) pacing cable. with 6651/6652
6654	PSA Lead Adapter	For 3105 Biotronik PSA system compliance, must use (2) GDT 6651 cables with (1) GDT 6646 pacing cable.
6659	Pace Medical 4235	For 3014 single-chamber Pace Medical external pacemaker system compliance, must use (1) GDT 6128 cable with (1) GDT 6126 adapter.
6660	Pace Medical 4235A	For 4570 dual-chamber Pace Medical external pacemaker system compliance, must use (2) GDT 6128 cables with (2) GDT 6126 adapters.
6661	Pace Medical 4235V	For 4570 dual-chamber Pace Medical external pacemaker system compliance, must use (2) GDT 6128 cables with (2) GDT 6126 adapters.
6697	Disposable Surgical Cable (Remington S-101-97)	For 4800 Pace Medical (w/ thumb screws) system compliance, must use (2) GDT 6697 cables with (2) GDT 6126 adapters. For compliant 4800 Pace Medical (w/ flat terminals) system, must use (2) GDT 6129 cables with (2) GDT 6130 adapters. For 3100 SeaMed PSA system compliance, must use (2) 6697 cables with (1) 6127 adapter. For compliant 3105 Biotronik PSA system, must use (2) GDT 6651 cables with (1) GDT 6646 pacing cable.

Rate (bpm)	Interval (ms)	Rate (bpm)	Interval (ms)	Rate (bpm)	Interval (ms)
30	2000	67	896	110	545
31	1935	68	882	112	536
32	1875	69	870	114	526
33	1818	70	857	116	517
34	1765	71	845	118	508
35	1714	72	833	120	500
36	1667	73	822	122	492
37	1622	74	811	124	484
38	1579	75	800	125	480
39	1538	76	789	126	476
40	1500	77	779	128	469
41	1463	78	769	130	462
42	1429	80	750	135	444
43	1395	81	741	140	429
44	1364	82	732	145	414
45	1333	83	723	150	400
46	1304	84	714	155	387
47	1277	85	706	160	375
48	1250	86	698	165	364
49	1224	87	690	170	353
50	1200	88	682	175	343
51	1176	89	674	180	333
52	1154	90	667	190	316
53	1132	91	659	200	300
54	1111	92	652	210	286
55	1091	93	645	220	273
56	1071	94	638	230	261
57	1053	95	632	240	250
58	1034	96	625	250	240
59	1017	97	619	260	231
60	1000	98	612	270	222
61	984	99	606	280	214
62	968	100	600	290	207
63	952	102	588	300	200
64	938	104	577	400	150
65	923	106	566	500	120
66	909	108	556	600	100

Interval (ms) = 60,000/Rate (bpm)
Rate (bpm) = 60,000/Interval (ms)



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