ANIMAL HEALTH CANADA

Product Catalog

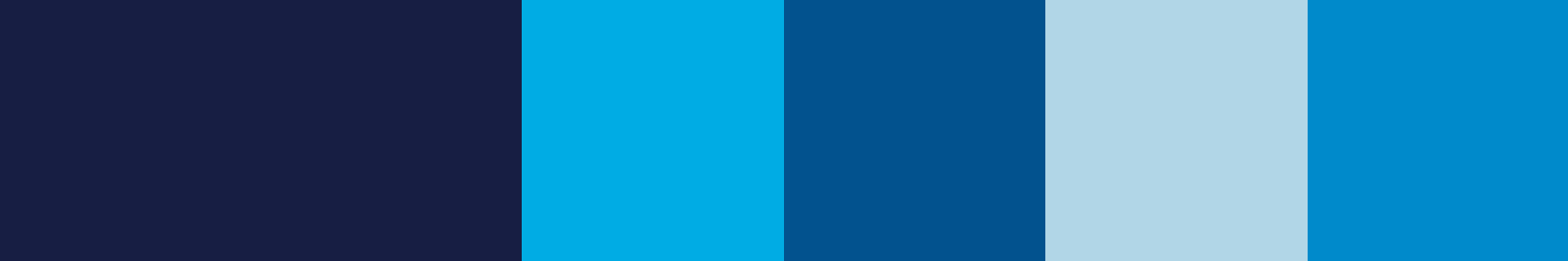**Medtronic**

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NEEDLE CHART

▼ Reverse Cutting ⅜ circle

C-13 19 mm

C-14 24 mm

C-15 26 mm

C-16 30 mm

C-17 39 mm

▼ Reverse Cutting ½ circle

GS-10 26 mm

GS-11 37 mm

⊙ Taper Point ½ circle

CV-23 17 mm

V-20 26 mm

GS-22 27 mm

GS-21 37 mm

SUTURES

Caprosyn™ Monofilament Absorbable Suture

Provides short-term tensile strength with the benefits of rapid absorption (56 days).

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Undyed	SC692	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Undyed	SC691	36
P-13	premium reverse cutting, 3/8 Circle, 13 mm	4-0	18"	Violet	SC5590G	12
P-13	premium reverse cutting, 3/8 Circle, 13 mm	5-0	18"	Violet	SC5587G	12
P-12	premium reverse cutting, 3/8 Circle, 19 mm	4-0	18"	Violet	SC5627G	12
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	Undyed	UC204	36
CV-23	taper point, 1/2 Circle, 17 mm	4-0	30"	Undyed	UC203	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Undyed	UC202	36

Biosyn™ Monofilament Absorbable Suture

Provides mid-term tensile strength with benefits of 1 additional week of wound support compared to Monocryl™ Suture.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Undyed	SM822	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Violet	SM922	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Undyed	SM691	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Violet	SM791	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	30"	Undyed	SM690	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Undyed	SM823	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Violet	SM923	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Undyed	SM693	36
C-23	reverse cutting, 1/2 circle, 24 mm	3-0	30"	Violet	SM632	36
GS-10	reverse cutting, 1/2 circle, 26 mm	2-0	30"	Violet	CM879	36
GS-11	reverse cutting, 1/2 circle, 37 mm	0	30"	Violet	CM817	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2-0	30"	Violet	CM816	36
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	Violet	UM204	36
CV-23	taper point, 1/2 Circle, 17 mm	4-0	30"	Violet	UM203	36
CV-23	taper point, 1/2 Circle, 17 mm	4-0	30"	Violet	UM403	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Violet	UM202	36
V-20	taper point, 1/2 circle, 26 mm	2-0	30"	Violet	GM123	36
V-20	taper point, 1/2 circle, 26 mm	3-0	30"	Violet	GM122	36
V-20	taper point, 1/2 circle, 26 mm	4-0	30"	Violet	GM121	36
GS-22	taper point, 1/2 circle, 27 mm	0	30"	Violet	CM884	36
GS-22	taper point, 1/2 circle, 27 mm	2-0	30"	Violet	CM883	36
GS-22	taper point, 1/2 circle, 27 mm	3-0	30"	Violet	CM882	36

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
GS-22	taper point, 1/2 circle, 30 mm	0	36"	Violet	GM327	36
GS-21	taper point, 1/2 Circle, 37 mm	0	30"	Violet	CM812	36
GS-21	taper point, 1/2 Circle, 37 mm	0	36"	Violet	CM924	36
GS-21	taper point, 1/2 Circle, 37 mm	1	30"	Violet	CM813	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	30"	Violet	CM811	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	36"	Violet	CM923	36
GS-21	taper point, 1/2 Circle, 37 mm	3-0	30"	Violet	CM810	36
GS-25	taper point, 1/2 Circle, 48 mm	1	36"	Violet	CM905	36

Maxon™ Monofilament Absorbable Suture

Provides long-term tensile strength and security for extended wound healing needs of about six weeks.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Green	8886663941	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Clear	8886661231	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Green	8886663931	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	18"	Clear	8886660821	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Clear	8886661851	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Green	8886664151	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Clear	8886661841	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Green	8886664141	36
GS-10	reverse cutting, 1/2 circle, 26 mm	2-0	30"	Green	8886674551	36
GS-11	reverse cutting, 1/2 circle, 37 mm	0	30"	Green	8886675561	36
GS-11	reverse cutting, 1/2 circle, 37 mm	1	30"	Green	8886675571	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2-0	30"	Green	8886675551	36
CV-23	taper point, 1/2 Circle, 17 mm	4-0	30"	Green	8886620731	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Green	8886620721	36
CV-24	taper point, 1/2 circle, 20 mm	3-0	30"	Green	8886621741	36
CV-24	taper point, 1/2 circle, 20 mm	4-0	30"	Green	8886621731	36
V-20	taper point, 1/2 circle, 26 mm	2-0	30"	Green	8886623351	36
V-20	taper point, 1/2 circle, 26 mm	3-0	30"	Green	8886623341	36
V-20	taper point, 1/2 circle, 26 mm	3-0	36"	Green	8886623541	36
V-20	taper point, 1/2 circle, 26 mm	4-0	42"	Green	8886614331	36
V-20	taper point, 1/2 circle, 26 mm	4-0	30"	Green	8886623331	36
GS-22	taper point, 1/2 circle, 27 mm	0	30"	Green	8886624561	36

NEEDLE CHART

Reverse Cutting ⅜ circle
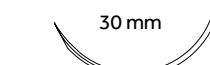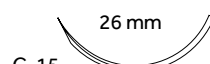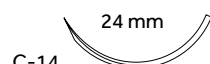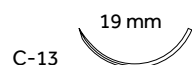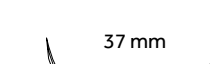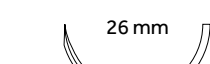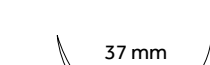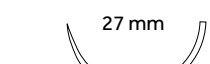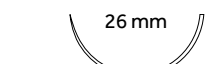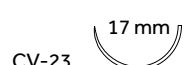
C-13 19 mm
C-14 24 mm
C-15 26 mm
C-16 30 mm
C-17 39 mm

Reverse Cutting ½ circle

GS-10 26 mm
GS-11 37 mm

Taper Point ½ circle

CV-23 17 mm
V-20 26 mm
GS-22 27 mm
GS-21 37 mm

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
GS-22	taper point, 1/2 circle, 27 mm	2-0	30"	Green	8886624551	36
GS-22	taper point, 1/2 circle, 27 mm	3-0	30"	Green	8886624541	36
GS-21	taper point, 1/2 Circle, 37 mm	0	30"	Green	8886626761	36
GS-21	taper point, 1/2 Circle, 37 mm	0	36"	Green	8886626961	36
GS-21	taper point, 1/2 Circle, 37 mm	1	30"	Green	8886626771	36
GS-21	taper point, 1/2 Circle, 37 mm	1	36"	Green	8886626971	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	30"	Green	8886626751	36
GS-21	taper point, 1/2 Circle, 37 mm	3-0	30"	Green	8886626741	36
GS-25	taper point, 1/2 Circle, 48 mm	1	60"	Green	8886630972	24
GS-26	taper point, 1/2 Circle, 65 mm	1	96"	Green	GMM344L	12
GS-26	taper point, 1/2 Circle, 65 mm	1	60"	Green	8886631972	24

Velosorb™ Braided Fast Absorbable Suture

Provides soft tissue approximation when only 7-10 days of wound support is required.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Undyed	SV2298	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Undyed	SV2297	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Undyed	SV2253	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Undyed	SV2252	36
C-14	reverse cutting, 3/8 Circle, 24 mm	4-0	30"	Undyed	SV2251	36
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	Undyed	CV1215	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Undyed	CV1213	36

Polysorb™ Braided Absorbable Suture

Provides mid-term tensile strength with exclusive braiding process which give the suture excellent strength over the critical wound healing period and knot security.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
P-10	premium reverse cutting, 3/8 Circle, 11 mm	6-0	18"	Undyed	SL1625	36
P-13	premium reverse cutting, 3/8 Circle, 13 mm	4-0	18"	Undyed	SL5690	36
P-13	premium reverse cutting, 3/8 Circle, 13 mm	5-0	18"	Undyed	SL5687G	12
PC-13	conventional cutting, 3/8 circle, 11 mm	5-0	18"	Undyed	SL1659	36
C-12	reverse cutting, 3/8 Circle, 12 mm	5-0	30"	Violet	SL630	36
C-1	reverse cutting, 3/8 Circle, 16 mm	5-0	18"	Undyed	SL172	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Violet	SL636	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Undyed	SL822	36

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Violet	SL635	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	Undyed	SL691	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	30"	Violet	SL634	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	30"	Undyed	SL690	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Violet	CL823	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	Undyed	SL823	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Undyed	SL693	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Violet	SL694	36
C-14	reverse cutting, 3/8 Circle, 24 mm	4-0	30"	Undyed	SL692	36
C-16	reverse cutting, 3/8 Circle, 30 mm	2-0	60"	Undyed	CL977	36
C-16	reverse cutting, 3/8 Circle, 30 mm	2-0	30"	Undyed	SL611	36
C-16	reverse cutting, 3/8 Circle, 30 mm	3-0	30"	Undyed	SL696	36
C-17	reverse cutting, 3/8 Circle, 39 mm	2	36"	Undyed	SL675	36
C-23	reverse cutting, 1/2 circle, 24 mm	3-0	30"	Violet	SL632	36
GS-10	reverse cutting, 1/2 circle, 26 mm	3-0	30"	Undyed	CL868	36
GS-11	reverse cutting, 1/2 circle, 37 mm	0	30"	Undyed	CL544	36
GS-11	reverse cutting, 1/2 circle, 37 mm	0	30"	Violet	CL817	36
GS-11	reverse cutting, 1/2 circle, 37 mm	1	30"	Undyed	CL545	36
GS-11	reverse cutting, 1/2 circle, 37 mm	1	30"	Violet	CL818	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2	36"	Undyed	CL533	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2	36"	Violet	CL919	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2-0	30"	Undyed	CL543	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2-0	30"	Violet	CL816	36
CV-11	taper point, 3/8 circle, 13mm	5-0	30"	Violet	GL890	36
CVF-21	taper point, 1/2 circle, 12 mm	5-0	18"	Undyed	SL432	36
CV-23	taper point, 1/2 Circle, 17 mm	2-0	30"	Undyed	UL216	36
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	Violet	UL204	36
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	Undyed	UL215	36
CVF-23	taper point, 1/2 circle, 17 mm	4-0	30"	Violet	UL203	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Violet	UL202	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Undyed	UL213	36
CV-24	taper point, 1/2 circle, 20 mm	3-0	30"	Violet	CL461	36
CV-24	taper point, 1/2 circle, 20 mm	4-0	30"	Violet	CL460	36
CV-25	taper point, 1/2 circle, 22 mm	3-0	30"	Violet	GL182	36
CV-25	taper point, 1/2 circle, 22 mm	4-0	30"	Violet	GL181	36
GS-23	taper point, 1/2 circle, 22 mm	2-0	30"	Violet	CL893	36

NEEDLE CHART

Reverse Cutting ⅜ circle
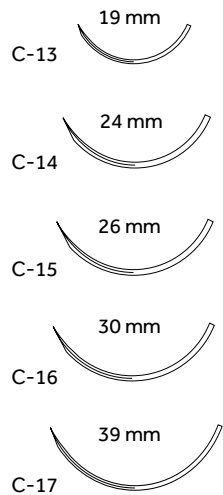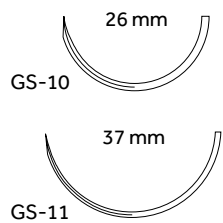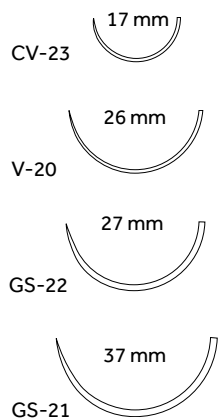
C-13　19 mm

C-14　24 mm

C-15　26 mm

C-16　30 mm

C-17　39 mm

Reverse Cutting ½ circle

GS-10　26 mm

GS-11　37 mm

Taper Point ½ circle

CV-23　17 mm

V-20　26 mm

GS-22　27 mm

GS-21　37 mm

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
GS-23	taper point, 1/2 circle, 22 mm	3-0	30"	Violet	CL892	36
V-20	taper point, 1/2 circle, 26 mm	0	30"	Violet	GL124	36
V-20	taper point, 1/2 circle, 26 mm	2-0	36"	Violet	GL125	36
V-20	taper point, 1/2 circle, 26 mm	2-0	30"	Violet	GLS123	36
V-20	taper point, 1/2 circle, 26 mm	3-0	36"	Violet	GL226	36
V-20	taper point, 1/2 circle, 26 mm	3-0	36"	Violet	GL332	36
V-20	taper point, 1/2 circle, 26 mm	3-0	30"	Violet	GL67M	12
V-20	taper point, 1/2 circle, 26 mm	3-0	30"	Violet	GLS122	36
V-20	taper point, 1/2 circle, 26 mm	3-0	30"	Undyed	GLS322	36
V-20	taper point, 1/2 circle, 26 mm	4-0	30"	Violet	GLS121	36
V-20	taper point, 1/2 circle, 26 mm	4-0	30"	Undyed	GLS321	36
GS-22	taper point, 1/2 circle, 27 mm	0	30"	Violet	CL884	36
GS-22	taper point, 1/2 circle, 27 mm	2-0	30"	Violet	CL883	36
GS-22	taper point, 1/2 circle, 27 mm	3-0	30"	Violet	CL882	36
GS-21	taper point, 1/2 Circle, 37 mm	0	30"	Violet	CL812	36
GS-21	taper point, 1/2 Circle, 37 mm	0	36"	Violet	CL924	36
GS-21	taper point, 1/2 Circle, 37 mm	1	30"	Violet	CL813	36
GS-21	taper point, 1/2 Circle, 37 mm	1	36"	Violet	CL925	36
GS-21	taper point, 1/2 Circle, 37 mm	2	30"	Violet	CL814	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	30"	Violet	CL811	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	36"	Violet	CL923	36
GS-21	taper point, 1/2 Circle, 37 mm	3-0	36"	Violet	CL922	36
V-26	taper point, 1/2 circle, 37 mm	0	30"	Violet	GL128	36
V-26	taper point, 1/2 circle, 37 mm	3-0	30"	Violet	GL126	36
GS-26	taper point, 1/2 Circle, 65 mm	2	60"	Violet	CL825	24
GS-26	taper point, 1/2 Circle, 65 mm	2	30"	Violet	CL659M	6
	Non Needled Reel	2-0	60"	Violet	LL113	24
	Non Needled Reel	3-0	18"	Violet	L72	36

Plain Gut Absorbable Suture

Natural gut fiber with short to mid term absorption with variable tensile strength retention and absorption time.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	None	SG822	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	18"	None	SG752	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	None	SG821	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	18"	None	SG751	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	30"	None	SG820	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	None	SG823	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	None	SG810	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	30"	None	CG843	36
GS-21	taper point, 1/2 Circle, 37 mm	3-0	30"	None	CG842	36

Chromic Gut Absorbable Suture

Natural gut fiber treated with chromic salt solution which offer short to mid term absorption with variable tensile strength retention and absorption time.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	None	SG636	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	30"	None	SG635	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	30"	None	SG634	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	30"	None	SG637	36
GS-10	reverse cutting, 1/2 circle, 26 mm	3-0	30"	None	CG415	36
GS-11	reverse cutting, 1/2 circle, 37 mm	0	30"	None	CG817	36
GS-11	reverse cutting, 1/2 circle, 37 mm	2-0	30"	None	CG816	36
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	None	UG204	36
CV-23	taper point, 1/2 Circle, 17 mm	4-0	30"	None	UG203	36
CV-25	taper point, 1/2 circle, 22 mm	3-0	30"	None	GG182	36
V-20	taper point, 1/2 circle, 26 mm	0	30"	None	GG124	36
V-20	taper point, 1/2 circle, 26 mm	2-0	30"	None	GG123	36
V-20	taper point, 1/2 circle, 26 mm	3-0	30"	None	GG122	36
V-20	taper point, 1/2 circle, 26 mm	4-0	30"	None	GG121	36
GS-22	taper point, 1/2 circle, 27 mm	0	30"	None	CG884	36
GS-22	taper point, 1/2 circle, 27 mm	2-0	30"	None	CG883	36
GS-21	taper point, 1/2 Circle, 37 mm	0	30"	None	CG812	36
GS-21	taper point, 1/2 Circle, 37 mm	0	36"	None	CG924	36
GS-21	taper point, 1/2 Circle, 37 mm	1	36"	None	CG925	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	30"	None	CG811	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	36"	None	CG923	36
GS-21	taper point, 1/2 Circle, 37 mm	3-0	36"	None	CG922	36
GS-24	taper point, 1/2 circle, 40 mm	1	30"	None	CG803	36
GS-26	taper point, 1/2 Circle, 65 mm	2	60"	None	CG825L	24

NEEDLE CHART

▼ Reverse Cutting ⅜ circle

C-13   19 mm

C-14   24 mm

C-15   26 mm

C-16   30 mm

C-17   39 mm

▼ Reverse Cutting ½ circle

GS-10   26 mm

GS-11   37 mm

⊙ Taper Point ½ circle

CV-23   17 mm

V-20   26 mm

GS-22   27 mm

GS-21   37 mm
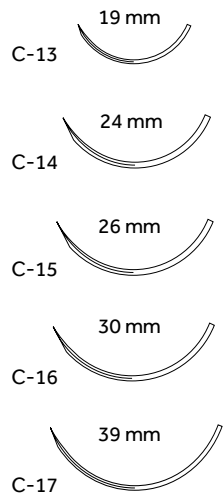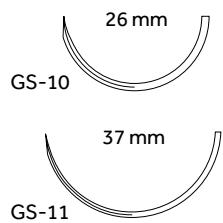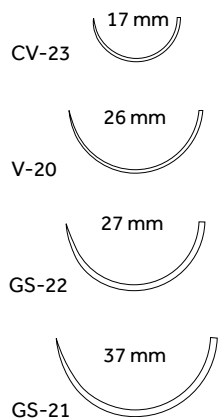
Surgipro™ Monofilament Non-Absorbable Suture

Permanent polypropylene sutures indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic and neurological surgery.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
P-12	premium reverse cutting, 3/8 Circle, 19 mm	3-0	18"	Blue	SP5687	36
PC-12	conventional cutting, 3/8 circle, 19 mm	3-0	18"	Blue	SP1643	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	18"	Blue	SP665	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	18"	Blue	SP665G	12
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	18"	Blue	SP683	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	18"	Blue	SP683G	12
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	18"	Blue	SP661	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	18"	Blue	SP661G	12
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	18"	Blue	SP684G	12
C-14	reverse cutting, 3/8 Circle, 24 mm	4-0	18"	Blue	SP629	36
C-15	reverse cutting, 3/8 Circle, 26 mm	2-0	30"	Blue	SP685	36
C-15	reverse cutting, 3/8 Circle, 26 mm	2-0	18"	Blue	SP868	36
C-15	reverse cutting, 3/8 Circle, 26 mm	2-0	18"	Blue	SP868G	12
C-16	reverse cutting, 3/8 Circle, 30 mm	3-0	30"	Blue	SP675	36
C-17	reverse cutting, 3/8 Circle, 39 mm	0	30"	Blue	SP690	36
GS-18	reverse cutting, 3/8 Circle, 77 mm	2	30"	Blue	CP460	24
KV-34	tapercutting, 1/2 circle, 37 mm	0	30"	Blue	CP844	36
GS-21	taper point, 1/2 Circle, 37 mm	0	30"	Blue	CP424	36
GS-21	taper point, 1/2 Circle, 37 mm	1	30"	Blue	CP425	36
GS-21	taper point, 1/2 Circle, 37 mm	2-0	30"	Blue	CP423	36

Surgipro II™ Monofilament Non-Absorbable Sutures

Permanent polypropylene sutures indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic and neurological surgery.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
P-13	premium reverse cutting, 3/8 Circle, 13 mm	4-0	18"	Blue	SP5699	36
P-13	premium reverse cutting, 3/8 Circle, 13 mm	5-0	18"	Blue	SP5698G	12
P-12	premium reverse cutting, 3/8 Circle, 19 mm	3-0	18"	Blue	SP5687G	12
P-12	premium reverse cutting, 3/8 Circle, 19 mm	4-0	18"	Blue	SP5682	36
CV-23	taper point, 1/2 Circle, 17 mm	3-0	30"	Blue	VP872X	36
CV-23	taper point, 1/2 Circle, 17 mm	5-0	30"	Blue	VP870X	36

Monosof™ Monofilament Nylon Non-Absorbable Suture

Nylon suture indicated for use in general soft tissue approximation and/ or ligation, including use in cardiovascular, ophthalmic, and neurological surgery.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
PC-13	conventional cutting, 3/8 circle, 11 mm	6-0	18"	Black	SN1956	36
SCE-4	conventional cutting, 3/8 circle, 19 mm	4-0	18"	Black	SN568	36
C-1	reverse cutting, 3/8 Circle, 16 mm	5-0	18"	Black	SN871	36
C-13	reverse cutting, 3/8 Circle, 19 mm	2-0	36"	Black	SN666	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	30"	Black	SN641	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	18"	Black	SN653	36
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	36"	Black	SN665	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	36"	Black	SN644	36
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	18"	Black	SN662	36
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	18"	Black	SN661	36
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	18"	Black	SN758	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	36"	Black	SN648	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	18"	Black	SN663	36
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	30"	Black	SN669	36
C-14	reverse cutting, 3/8 Circle, 24 mm	4-0	18"	Black	SN658	36
C-15	reverse cutting, 3/8 Circle, 26 mm	2-0	30"	Black	SN664	36
C-15	reverse cutting, 3/8 Circle, 26 mm	2-0	18"	Black	SN764	36
C-16	reverse cutting, 3/8 Circle, 30 mm	2-0	30"	Black	SN688	36
C-16	reverse cutting, 3/8 Circle, 30 mm	3-0	30"	Black	SN671	36
C-17	reverse cutting, 3/8 Circle, 39 mm	2-0	30"	Black	SN674	36
SC-1	cutting, straight, 51 mm	3-0	36"	Black	SN616	36
SC-2	cutting, straight, 60 mm	2-0	30"	Black	SN628	36
SC-2	cutting, straight, 60 mm	3-0	30"	Black	SN627	36
SS-24	premium spatula, 1/4 circle, 95 degrees	5-0	18"	Black	N2781K	12

Novafil™ Monofilament Non-Absorbable Suture

Unique dynamic suture made of polybutester. It stretches with edema and returns to its original shape when the swelling subsides.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
P-13	premium reverse cutting, 3/8 Circle, 13 mm	5-0	18"	Blue	SPB5223G	12
C-1	reverse cutting, 3/8 Circle, 16 mm	5-0	18"	Blue	8886441923	12
C-13	reverse cutting, 3/8 Circle, 19 mm	3-0	18"	Blue	8886442043	12
C-13	reverse cutting, 3/8 Circle, 19 mm	4-0	18"	Blue	8886442033	12
C-13	reverse cutting, 3/8 Circle, 19 mm	5-0	18"	Blue	8886442023	12
C-14	reverse cutting, 3/8 Circle, 24 mm	2-0	18"	Blue	8886442253	12
C-14	reverse cutting, 3/8 Circle, 24 mm	3-0	18"	Blue	8886442243	12

NEEDLE CHART

Reverse Cutting ⅜ circle
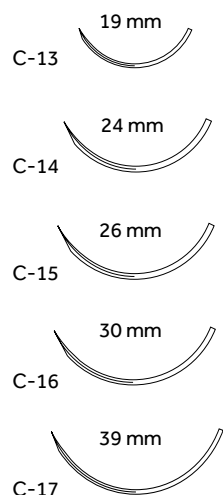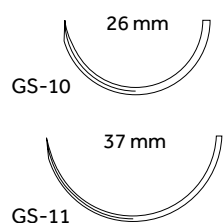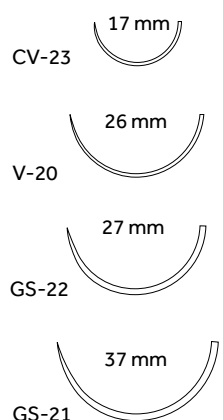
C-13 19 mm
C-14 24 mm
C-15 26 mm
C-16 30 mm
C-17 39 mm

Reverse Cutting ½ circle

GS-10 26 mm
GS-11 37 mm

Taper Point ½ circle

CV-23 17 mm
V-20 26 mm
GS-22 27 mm
GS-21 37 mm

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
C-14	reverse cutting, 3/8 Circle, 24 mm	4-0	18"	Blue	8886442233	12
C-16	reverse cutting, 3/8 Circle, 30 mm	2-0	30"	Blue	8886442451	36
C-16	reverse cutting, 3/8 Circle, 30 mm	3-0	30"	Blue	8886442441	36
GS-11	reverse cutting, 1/2 circle, 37 mm	1	30"	Blue	8886443371	36
GS-22	taper point, 1/2 circle, 27 mm	0	30"	Blue	8886445961	36
GS-21	taper point, 1/2 Circle, 37 mm	0	30"	Blue	8886445561	36
GS-21	taper point, 1/2 Circle, 37 mm	1	30"	Blue	8886445571	36

Sofsilk™ Braided Non- Absorbable Suture

Natural silk suture coated to enhance handling characteristics, ease of passage through tissue, and knot run-down properties.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
CV-1	taper point, 3/8 Circle, 9 mm	6-0	18"	Black	VS802	36
SC-2	cutting, straight, 60 mm	0	30"	Black	SS624	36

V-Loc™ 90 Wound Closure Device

Uni-directional mid-term absorbable knotless barbed suture.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
GS-22	taper point, 1/2 circle, 27 mm	2-0	6"	Violet	VLOCM2105	12
GS-22	taper point, 1/2 circle, 27 mm	2-0	9"	Violet	VLOCM2145	12

V-Loc™ 180 Wound Closure Device

Uni-directional long-term absorbable knotless barbed suture.

Needle Type	Needle Description	Suture Size	Suture Length	Suture Color	Item Code	Box Quantity
GS-22	taper point, 1/2 circle, 27 mm	2-0	6"	Violet	VLOCM2105	12
GS-22	taper point, 1/2 circle, 27 mm	2-0	9"	Violet	VLOCM2145	12
GS-21	taper point, 1/2 Circle, 37 mm	0	6"	Green	VLOCL0306	12
GS-21	taper point, 1/2 Circle, 37 mm	0	12"	Green	VLOCL0316	12
GS-21	taper point, 1/2 Circle, 37 mm	0	18"	Green	VLOCL0326	12
GS-21	taper point, 1/2 Circle, 37 mm	0	24"	Green	VLOCL0336	12
GS-21	taper point, 1/2 Circle, 37 mm	0	9"	Green	VLOCL0346	12
GS-21	taper point, 1/2 Circle, 37 mm	2-0	6"	Green	VLOCL0305	12
GS-21	taper point, 1/2 Circle, 37 mm	2-0	12"	Green	VLOCL0315	12
GS-21	taper point, 1/2 Circle, 37 mm	2-0	18"	Green	VLOCL0325	12
GS-21	taper point, 1/2 Circle, 37 mm	2-0	9"	Green	VLOCL0345	12
GS-21	taper point, 1/2 Circle, 37 mm	3-0	18"	Green	VLOCL0324	12

OPEN SURGERY – APPLICATION CHART
SURGICAL STAPLERS AND CLIP APPLIER

	TA™ Stapler	GIA™ Stapler	Surgiclip™
SPAYS/NEUTERS			▪
SPLENECTOMIES			▪
LIGATING VESSELS AND TUBULAR STRUCTURES			▪
OMENTECTOMIES			▪
PARTIAL LUNG LOBECTOMIES	▪	▪	
LUNG LOBECTOMIES	▪	▪	
PARTIAL SPLENECTOMIES	▪	▪	
PARTIAL GASTRECTOMIES	▪	▪	
INTESTINAL ANASTOMOSIS	▪	▪	

OPEN SURGERY – SUGGESTED STAPLE SIZE CHART*

	TA™ White 2.5mm	TA™ Blue 3.5mm	TA™ Green 4.8mm	GIA™ Blue or Green 3.8mm
SPAYS/NEUTERS	▪			
SPLENECTOMIES	▪	▪		
LIGATING VESSELS AND TUBULAR STRUCTURES	▪	▪		
OMENTECTOMIES	▪	▪		
PARTIAL LUNG LOBECTOMIES			▪	▪
LUNG LOBECTOMIES			▪	▪
PARTIAL SPLENECTOMIES		▪	▪	▪
PARTIAL GASTRECTOMIES			▪	▪
INTESTINAL ANASTOMOSIS		▪	▪	▪

2.5mm staples compress to a "B" shape with 1.0mm height; therefore, tissue must compress comfortably to 1.0mm.
3.5mm staples compress to a "B" shape with 1.5mm height; therefore, tissue must compress comfortably to 1.5mm.
3.8mm staples compress to a "B" shape with 1.5mm height; therefore, tissue must compress comfortably to 1.5mm.
4.8mm staples compress to a "B" shape with 2.0mm height; therefore, tissue must compress comfortably to 2.0mm.

*This chart should be used as a general guideline. There are many variables that could alter the surgeon's choice. It is the surgeon's responsibility to choose the appropriate staple size.

OPEN SURGERY

TA™ 30 Vascular Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA30V3S	TA™ 30-V3 (Vascular) Single Use Reloadable Stapler	White	3
TA3035S	TA™ 30 mm-3.5 mm Single Use Reloadable Stapler	Blue	3
TA3048S	TA™ 30 mm-4.8 mm Single Use Reloadable Stapler	Green	3

TA™ 30 Vascular Loading Units with DST Series™ Technology

- Disposable loading units (DLU) with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA30V3L	TA™ 30 mm-V3 (Vascular) Single Use Loading Unit	White	6
TA3035L	TA™ Reload, Single Use Loading Unit, 30 mm-3.5 mm	Blue	6
TA3048L	TA™ Reload, Single Use Loading Unit, 30 mm-4.8 mm	Green	6

TA™ 45 Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA4535S	TA™ 45 mm-3.5 mm Single Use Reloadable Stapler	Blue	3
TA4548S	TA™ 45 mm-4.8 mm Single Use Reloadable Stapler	Green	3

TA™ 45 Loading Units with DST Series™ Technology

- Disposable loading units (DLU) with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA4535L	TA™ Reload, Single Use Loading Unit, 45 mm-3.5 mm	Blue	6
TA4548L	TA™ Reload, Single Use Loading Unit, 45 mm-4.8 mm	Green	6

OPEN SURGERY

TA™ 60 Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA6035S	TA™ 60 mm-3.5 mm Single Use Reloadable Stapler	Blue	3
TA6048S	TA™ 60 mm-4.8 mm Single Use Reloadable Stapler	Green	3

TA™ 60 Loading Units with DST Series™ Technology

- Disposable loading units (DLU) with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA6035L	TA™ Reload, Single Use Loading Unit, 60 mm-3.5 mm	Blue	6
TA6048L	TA™ Reload, Single Use Loading Unit, 60 mm-4.8 mm	Green	6

TA™ 90 Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA9035s	TA™ 90 mm-3.5 mm Single Use Reloadable Stapler	Blue	3
TA9048s	TA™ 90 mm-4.8 mm Single Use Reloadable Stapler	Green	3

TA™ 90 Loading Units with DST Series™ Technology

- Disposable loading units (DLU) with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
TA9035L	TA™ Reload, Single Use Loading Unit, 90 mm-3.5 mm	Blue	6
TA9048L	TA™ Reload, Single Use Loading Unit, 90 mm-4.8 mm	Green	6

OPEN SURGERY – GASTROINTESTINAL ANASTOMOSIS

GIA™ 60 Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
GIA6025S	GIA™ 60 mm-2.5 mm Single Use Reloadable Stapler	White	3
GIA6038S	GIA™ 60 mm-3.8 mm Single Use Reloadable Stapler	Blue	3
GIA6048S	GIA™ 60 mm-4.8 mm Single Use Reloadable Stapler	Green	3

GIA™ 60 Loading Unit with DST Series™ Technology

- Places two double staggered rows of titanium staples with dividing knife in between
- Interchangeability of reloads within same stapler length

CODE	DESCRIPTION	COLOR	SHIP CASE
GIA6025L	GIA™ Reload 60 mm-2.5 mm Single Use Loading Unit	White	6
GIA6038L	GIA™ Reload 60 mm-3.8 mm Single Use Loading Unit	Blue	6
GIA6048L	GIA™ Reload 60 mm-4.8 mm Single Use Loading Unit	Green	6

GIA™ 80 Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
GIA8038S	GIA™ 80 mm-3.8 mm Single Use Reloadable Stapler	Blue	3
GIA8048S	GIA™ 80 mm-4.8 mm Single Use Reloadable Stapler	Green	3

GIA™ 80 Loading Unit with DST Series™ Technology

- Places two double staggered rows of titanium staples with dividing knife in between
- Interchangeability of reloads within same stapler length

CODE	DESCRIPTION	COLOR	SHIP CASE
GIA8038L	GIA™ Reload 80 mm-3.8 mm Single Use Loading Unit	Blue	6
GIA8048L	GIA™ Reload 80 mm-4.8 mm Single Use Loading Unit	Green	6

OPEN SURGERY – GASTROINTESTINAL ANASTOMOSIS

GIA™ 100 Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Reloadable stapler with titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
GIA10038S	GIA™ 100 mm-3.8 mm Single Use Reloadable Stapler	Blue	3
GIA10048S	GIA™ 100 mm-4.8 mm Single Use Reloadable Stapler	Green	3

GIA™ 100 Loading Unit with DST Series™ Technology

- Places two double staggered rows of titanium staples with dividing knife in between
- Interchangeabality of reloads within same stapler length

CODE	DESCRIPTION	COLOR	SHIP CASE
GIA10038L	GIA™ Reload 100 mm-3.8 mm Single Use Loading Unit	Blue	6
GIA10048L	GIA™ Reload 100 mm-4.8 mm Single Use Loading Unit	Green	6

Circular staplers - EEA™ Stapler with DST Series™ Technology

- Directional Stapling Technology (DST™) delivers optimal and consistent staple formation
- Places a circular double staggered row of titanium staples

CODE	DESCRIPTION	COLOR	SHIP CASE
EEA21	EEA™ 21 mm-4.8 mm Single Use Stapler	Aqua	3
EEA2135	EEA™ 21 mm-3.5 mm Single Use Stapler	Aqua	3
EEA25	EEA™ 25 mm-4.8 mm Single Use Stapler	White	3
EEA2535	EEA™ 25 mm-3.5 mm Single Use Stapler	White	3
EEA28	EEA™ 28 mm-4.8 mm Single Use Stapler	Blue	3
EEA2835	EEA™ XL 28 mm-3.5 mm Single Use Stapler	Blue	3
EEA31	EEA™ 31 mm-4.8 mm Single Use Stapler	Green	3
EEA33	EEA™ 33 mm-4.8 mm Single Use Stapler	Yellow	3

OPEN SURGERY – CLIP APPLIERS

Surgiclip™ Clip Applier

▪ Single use automatic clip applier with Super Interlock™ titanium clips

▪ Occludes vessels and other tubular structures

CODE	DESCRIPTION	SHIP CASE
134046	Surgiclip™ 9.0", Small Single Use Automatic Clip Applier with 20 Small Titanium Clips	6
134044	Surgiclip™ 9.75", Medium Single Use Automatic Clip Applier with 15 Medium Titanium Clips	6
134031	Surgiclip™ 11.5", Medium Single Use Automatic Clip Applier with 20 Medium Titanium Clips	6
134048	Surgiclip™ 13.0", Large Single Use Automatic Clip Applier with 13 Large Titanium Clips	6

Surgiclip™ II Clip Applier

▪ Single use automatic clip applier with Super Interlock™ titanium clips

▪ Occludes vessels and other tubular structures

CODE	DESCRIPTION	SHIP CASE
134051	Surgiclip™ 9.75", Medium Single Use Automatic Clip Applier with 20 Medium Titanium Clips	6
134053	Surgiclip™ II 11.5", Medium Single Use Automatic Clip Applier with 30 Medium Titanium Clips	6

SKIN STAPLERS AND STAPLE REMOVERS

Auto Suture™ Skin Stapler

▪ Single use skin staplers with stainless steel staples

CODE	DESCRIPTION	SHIP CASE
8886803512	Skin Stapler with 35 Regular Staples	12
8886803712	Skin Stapler with 35 Wide Staples	12

Auto Suture™ Premium Extractor

▪ Single use skin staple remover

CODE	DESCRIPTION	SHIP CASE
150462	Skin Staple Remover (Plastic with Metal Tips)	12

MINIMALLY INVASIVE SURGERY - TROCARS & ACCESS PORTS

VersaStep™ Bladeless Trocars

- 70mm working length
- Convenient instrument access

CODE	DESCRIPTION	SHIP CASE
VS070000	VersaStep™ Short Insufflation/Access Needle, 14 Gauge	12
VS100700	VersaStep™ Short Radially Expandable Sleeve	6
VS100705	VersaStep™ Short 5mm Cannula and Dilator with Radially Expandable Sleeve	3
VS100712P	VersaStep™ Plus Short 12mm Cannula and Dilator with Radially Expandable Sleeve	3

Versaseal™ Plus Cannula Seal

- Internal seal to prevent gas leakage when instruments are inserted or withdrawn, without loss of pneumoperitoneum
- Provides dilation access to the abdominal and thoracic cavities for performing diagnostic and operative abdominal and thoracic procedures

CODE	DESCRIPTION	SHIP CASE
175772P	Versaseal™ Plus 5-12mm Single Use Cannula Seal	3

VersaStep™ Reposable Dilator

- Constructed of titanium and designed for resterilization
- Reposable dilators for use with the reposable VersaStep™ system

CODE	DESCRIPTION	SHIP CASE
VSR101012	VersaStep™ Reposable 12mm Dilator	1

Versaport™ V2 Bladed Trocars with Fixation Cannula

- Single use
- Spring-loaded parabolic entry shield that helps dilate tissue
- Upon entry into a free space in the abdominal cavity, the shield advances to cover the blade reducing potential for injury to internal structures

CODE	DESCRIPTION	SHIP CASE
B5SHF	Versaport™ V2 5mm Short Trocar	3
B5STF	Versaport™ V2 5 mm Trocar	3
B12STF	Versaport™ V2 5mm-12 mm Trocar	3

MINIMALLY INVASIVE SURGERY - TROCARS & ACCESS PORTS

Pediport™ Trocar

- Precise control and superior fixation.
- Upon engagement, an expanding mushroom-shaped stabilizer at the distal end secures the trocar fi rmly in place, leaving cannula length exposed inside the peritoneum

CODE	DESCRIPTION	SHIP CASE
24055	Pediport™ Single Use 5.5mm Locking Trocar Cannula with Woodford Spike™ Trocar	5

Thoracoport™ Soft Trocars

- Single use trocars with non-conductive sleeves

CODE	DESCRIPTION	COLOR	SHIP CASE
179305	Thoracoport™ 5.5mm Trocar	Grey	12
179303	Thoracoport™ 11.5mm Trocar	Black	12

SurgiSleeve™ Wound Protector

CODE	SIZE	INCISION SIZE	SHIP CASE
WPXSM24	Extra Small	2 – 4 cm	5
WPSM256	Small	2.5 – 6 cm	5
WPMD509	Medium	5 – 9 cm	5
WPLG914	Large	9 – 14 cm	5
WPXLGR1117	Extra-Large	11 – 17 cm	5

MINIMALLY INVASIVE SURGERY - LAPAROSCOPIC HAND INSTRUMENTS

Endoscopic Hand Instruments

- Single use laparoscopic hand instruments

CODE	DESCRIPTION	SHIP CASE
176605	Endo Sciz™ 5 mm Shears Single use instrument with Monopolar Cautery, 31cm length	6
176645	Endo Dissect™ 5 mm Dissector Single use instrument with Monopolar Cautery, 31cm length	6
173030	Endo Grasp™ 5 mm Grasper Single use instrument with on/off ratchet switch 31cm length	6
174317	Endo Clinch™ 5 mm Grasper Single use instrument with on/off ratchet switch,31cm length	6
173051	Endo Lung™ 12 mm Clamp Single use clamp – 19 cm length	6
174213	Endo Dissect™ 5 mm Dissector with Roticulator™ Technology Single use instrument with Monopolar Cautery, 31cm length	6

Single Use Laparoscopic Retractors – Standard Length

- Single use laparoscopic retractors

CODE	DESCRIPTION	SHIP CASE
173019	Endo Peanut™ 5 mm Blunt Dissector Single use instrument – 45 cm length	4
174209	Endo Mini-Retract™ 5 mm Mini Curved Retractor Single use instrument – 31 cm length	6
176647	Endo Retract™ 10 mm Articulating Fan Retractor Single use instrument – 32 cm length	6

Endo Catch™ Products

- Single use specimen retrieval products

CODE	DESCRIPTION	SHIP CASE
173050G	Endo Catch™ 10 mm Specimen Retrieval Pouch 34.5 cm length	6
173049	Endo Catch™ II 15 mm Specimen Retrieval Pouch 34.5 cm length	6

MINIMALLY INVASIVE SURGERY - ENDOSCOPIC SUTURING

Endo Stitch™ Suturing Device

▪ Places interrupted or running stitches in soft tissue

CODE	DESCRIPTION	SHIP CASE
173016	Endo Stitch™ 10 mm Single Use Suturing Device, shaft length 15"	3

Endo Stitch™ Single Stitch

▪ Single use loading units

▪ For use with Endo Stitch™ 10 mm suturing device

CODE	SUTURE	USP SIZE	METRIC SIZE	COLOR	LENGTH	SHIP CASE
170051	Polysorb™	2-0	3	Violet	48"	12
170053	Polysorb™	2-0	3	Violet	7"	12

Surgitie™ Endoscopic Sutures

▪ Single use ligating loops with delivery system

▪ Length: 1 x 21" (53 cm)

CODE	SUTURE	USP SIZE	METRIC SIZE	COLOR	SHIP CASE
ED-21-L	Surgitie™ Ligating Loop with Delivery System with Surgidac™ Coated, Braided Synthetic Polyester Suture	0	3.5	Green	12
EL-23-LN	Surgitie™ Ligating Loop with Delivery System with Polysorb™ Coated, Braided Synthetic Absorbable Suture	0	3.5	Violet	6

MINIMALLY INVASIVE SURGERY - STAPLERS

Endo GIA™ Universal Staplers

- Single use (up to 25 firings)
- 45 degrees articulations
- Compatible with Tri-Staple reload and Endo GIA reloads
- Places two triple staggered rows of titanium staples and the knife simultaneously divides the tissue in between

CODE	DESCRIPTION	SHIP CASE
EGIAUSHORT	Endo GIA™ Ultra Universal Short Stapler Shaft Length: 6 cm	3
EGIAUSTND	Endo GIA™ Ultra Universal Stapler Shaft Length : 16 cm	3
EGIAUXL	Endo GIA™ Ultra Universal XL Stapler Shaft Length : 26 cm	3

Endo GIA™ Universal Roticulator™ Loading Units

- Compatible with EndoGIA Universal Staplers
- Features 2 triple rows of staples at the same height
- Single use loading unit with integrated blade
- Sterile

CODE	DESCRIPTION	COLOR	SHIP CASE
030450	Endo GIA™ Universal Reload 30mm-2.0mm	Grey	6
030451	Endo GIA™ Universal Reload 30mm-2.5mm	White	6
030452	Endo GIA™ Universal Reload 30mm-3.5mm	Blue	6
030453	Endo GIA™ Universal Reload 45mm-2.0mm	Grey	6
030454	Endo GIA™ Universal Reload 45mm-2.5mm	White	6
030455	Endo GIA™ Universal Reload 45mm-3.5mm	Blue	6
030456	Endo GIA™ Universal Reload 45mm-4.8mm	Aqua	6
030457	Endo GIA™ Universal Reload 60mm-2.5mm	White	6
030458	Endo GIA™ Universal Reload 60mm-3.5mm	Blue	6
030459	Endo GIA™ Universal Reload 60mm-4.8mm	Aqua	6

Endo GIA™ Universal Straight Loading Units

▪ Compatible with Endo GIA Universal Staplers

▪ Features 2 triple rows of staples at the same height

▪ Single use loading unit with integrated blade

▪ Sterile

CODE	DESCRIPTION	COLOR	SHIP CASE
030418	Endo GIA™ Universal Straight Reload 30mm-2.5mm	White	6
030425	Endo GIA™ Universal Straight Reload 45mm-2.5mm	White	6
030414	Endo GIA™ Universal Straight Reload 60mm-3.5mm	Blue	6
030426	Endo GIA™ Universal Straight Reload 45mm-2.0mm	Grey	6

TRI-STAPLE™ SPECIALTY RELOADS

Tri-Staple™ technology reloads are designed to work in harmony with the natural properties of tissue to optimize performance before, during and after stapling. With its stepped cartridge face, Tri-Staple™ technology delivers :

- Greater perfusion into the staple line
- Less stress on tissue during compression and clamping
- Outstanding performance in variable tissues

Endo GIA™ Reloads with Tri-Staple Technology

- Compatible with Endo GIA Universal Staplers
- Sterile single use loading unit with integrated blade

CODE	DESCRIPTION	STAPLE HEIGHTS	COLOR	SHIP CASE
EGIA30AV*	Endo GIA™ Reloads with Tri-Staple Technology 30 mm; Vascular	2 mm, 2 mm, 2 mm	Grey	6
EGIA45AV*	Endo GIA™ Reloads with Tri-Staple Technology 45 mm; Vascular	2 mm, 2 mm, 2 mmc	Grey	6
EGIA30AVM	Endo GIA™ Reloads with Tri-Staple Technology 30 mm; Vascular/Medium	2 mm, 2.5 mm, 3 mm	Tan	6
EGIA45AVM	Endo GIA™ Reloads with Tri-Staple Technology 45 mm; Vascular/Medium	2 mm, 2.5 mm, 3 mm	Tan	6
EGIA60AVM	Endo GIA™ Reloads with Tri-Staple Technology 60 mm; Vascular/Medium	2 mm, 2.5 mm, 3 mm	Tan	6
EGIA30AMT	Endo GIA™ Reloads with Tri-Staple Technology 30 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIA45AMT	Endo GIA™ Reloads with Tri-Staple Technology 45 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIA60AMT	Endo GIA™ Reloads with Tri-Staple Technology 60 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIA45AXT	Endo GIA™ Reloads with Tri-Staple Technology 45 mm; Extra Thick	4 mm, 4.5 mm, 5 mm	Black	6
EGIA60AXT	Endo GIA™ Reloads with Tri-Staple Technology 60 mm; Extra Thick	4 mm, 4.5 mm, 5 mm	Black	6

*While offering a slimmer fixed anvil, these reloads are vascular reloads that do not come with Tri-Staple™ technology.

Endo GIA™ Curved Tip Reload with Tri-Staple Technology

- Compatible with Endo GIA Universal Staplers
- Sterile single use loading unit with integrated blade

CODE	DESCRIPTION	STAPLE HEIGHTS	COLOR	SHIP CASE
EGIA30CTAV*	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 30 mm; Vascular	2 mm, 2 mm, 2 mm	Grey	6
EGIA45CTAV*	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 45 mm; Vascular	2 mm, 2 mm, 2 mm	Grey	6
EGIA30CTAVM	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 30 mm; Vascular/Medium	2mm, 2.5mm, 3 mm	Tan	6
EGIA45CTAVM	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 45 mm; Vascular/Medium	2 mm, 2.5 mm, 3 mm	Tan	6
EGIA60CTAVM	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 60 mm; Vascular/Medium	2 mm, 2.5 mm, 3 mm	Tan	6
EGIA45CTAMT	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 45 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIA60CTAMT	Endo GIA™ Curved Tip Reload with Tri-Staple Technology 60 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6

*While offering a slimmer fixed anvil, these reloads are vascular reloads that do not come with Tri-Staple™ technology.

Endo GIA™ Reinforced Reload with Tri-Staple Technology

- Compatible with Endo GIA Universal Staplers
- Sterile single use loading unit with integrated blade

CODE	DESCRIPTION	STAPLE HEIGHTS	COLOR	SHIP CASE
EGIATRS45AMT	Endo GIA™ Reinforced Reload with Tri-Staple Technology 45 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIATRS60AMT	Endo GIA™ Reinforced Reload with Tri-Staple Technology 60 mm; Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIATRS45AXT	Endo GIA™ Reinforced Reload with Tri-Staple Technology 45 mm; Extra-Thick	4 mm, 4.5 mm, 5 mm	Black	6
EGIATRS60AXT	Endo GIA™ Reinforced Reload with Tri-Staple Technology 60 mm; Extra-Thick	4 mm, 4.5 mm, 5 mm	Black	6

Endo GIA™ Radial Reload with Tri-Staple Technology

- Compatible with Endo GIA Universal Staplers
- Sterile single use loading unit with integrated blade

CODE	DESCRIPTION	STAPLE HEIGHTS	COLOR	SHIP CASE
EGIARADVM	Endo GIA™ Radial Reload with Tri-Staple Technology Vascular/Medium	2 mm, 2.5 mm, 3 mm	Tan	6
EGIARADMT	Endo GIA™ Radial Reload with Tri-Staple Technology Medium/Thick	3 mm, 3.5 mm, 4 mm	Purple	6
EGIARADXT	Endo GIA™ Radial Reload with Tri-Staple Technology Extra-Thick	4 mm, 4.5 mm, 5 mm	Black	6

MINIMALLY INVASIVE SURGERY – CLIP APPLIERS

Endo Clip™ 5 mm Clip Applier

- Single use clip applier with Super Interlock[TM] titanium clips
- Designed for introduction and use through an appropriately sized trocar sleeve, or larger with the use of a converter

CODE	DESCRIPTION	SHIP CASE
176620	Endo Clip™ 5 mm Single Use Clip Applier with Super Interlock™ Titanium Clips	6

Endo Clip™ 10 mm Clip Applier

- Single use clip applier with Super Interlock™ titanium clips
- Designed for introduction and use through an appropriately sized trocar sleeve, or larger with the use of a converter

CODE	DESCRIPTION	SHIP CASE
176619	Endo Clip™ 10 mm Single Use Clip Applier with Medium Super Interlock™ Titanium Clips	6
176625	Endo Clip™ 10 mm Single Use Clip Applier with Large Super Interlock™ Titanium Clips	6

Endo Clip™ II 10 mm Clip Applier

- Single use clip applier with Super Interlock™ titanium clips
- Designed for introduction and use through an appropriately sized trocar sleeve, or larger with the use of a converter

CODE	DESCRIPTION	SHIP CASE
176657	Endo Clip™ II ML 10 mm Pistol Grip	6

Endo Clip™ III 5 mm Clip Applier with Clip Logic™ Technology

- Single use clip applier with Clip Logic™ technology clips
- Designed for introduction and use through an appropriately sized trocar sleeve, or larger with the use of a converter

CODE	DESCRIPTION	SHIP CASE
176630	Endo Clip™ III ML 5 mm	6

GENERATORS & HARDWARE ACCESSORIES

ForceTriad™ Energy Platform

- Delivers enhanced monopolar and bipolar energy with the generation of LigaSure™ tissue fusion technology all in one unit
- Enhanced LigaSure™ tissue fusion
- TissueFect™ sensing technology
- Automatic instrument recognition
- Utilizes all current and new LigaSure™ instruments
- Unique Valleylab™ Mode for enhanced dissection with hemostasis

CODE	DESCRIPTION	SHIP CASE
ForceTriad	Energy Platform Generator	1

ForceTriad™ Energy Platform Cart

- Cord management system
- One storage drawer, multiple shelves
- Rust resistant
- Conductive casters (2 locking, 2 non-locking)

CODE	DESCRIPTION	SHIP CASE
FT900	ForceTriad™ Energy Platform Cart	1

Valleylab™ Monopolar Footswitch

- Compatible with all Force™ series and SurgiStat™II generators
- 4.6m (15ft) cord

CODE	DESCRIPTION	SHIP CASE
E6008	Valleylab™ Monopolar Footswitch	1

Valleylab™ Dome Bipolar Footswitch

- Compatible with Force™ series generators
- 4.6m (15ft) cord

CODE	DESCRIPTION	SHIP CASE
E6019	Valleylab™ Dome Bipolar Footswitch	1
E6009	Valleylab™ Standard Bipolar Footswitch	1

LIGASURE™ TISSUE FUSION INSTRUMENTS

Across the range of products and procedures, LigaSure™ technology delivers a unique combination of pressure and energy to create a consistent seal with each application.

▪ Provides a combination of pressure and energy to create vessel fusion. Permanently fuses vessels up to and including 7 mm in diameter and tissue bundles without dissection or isolation.

▪ Average seal cycle is 2 to 4 seconds, when used with the ForceTriad™ energy platform.

▪ Seals withstand three times normal systolic blood pressure.

▪ Feedback-controlled response system automatically discontinues energy delivery when the seal cycle is complete, eliminating the guesswork.

LigaSure™ Small Jaw Instrument

▪ 16.5 mm electrode length

▪ 18.8 cm (7.4 in) instrument length

▪ 28 degree jaw design

CODE	DESCRIPTION	SHIP CASE
LF1212A	LigaSure™ Small Jaw Instrument – Sealer/divider	6

LigaSure™ Curved Jaw, Open Sealer/Divider

▪ 25 cm (9.8 in) instrument length

▪ 34 degree jaw design

CODE	DESCRIPTION	SHIP CASE
LF3225	LigaSure™ Curved Jaw Open Sealer/Divider Electrode instrument	3
LF3225C	LigaSure™ Curved Jaw, Open Reusable Clamp instrument	1

LigaSure Impact™ Instrument

▪ Oval shaft 13.5 mm in diameter; 18 cm (7.1 in) length

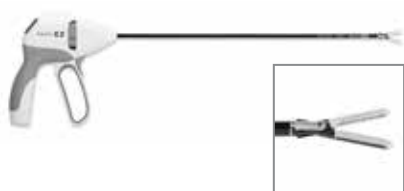▪ 180 degree shaft rotation

▪ 14 degree curved jaw

CODE	DESCRIPTION	SHIP CASE
LF4418	LigaSure Impact™ Tissue Fusion Open Instrument	6
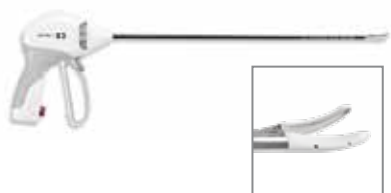
LigaSure™ Maryland Jaw Sealer/Divider

- Sealer/divider
- 5 mm diameter
- 350 degree shaft rotation
- Blunt jaw, double-action with contoured tips design

CODE	DESCRIPTION	SHIP CASE
LF1923	LigaSure™ Maryland Jaw Sealer/Divider 5 mm – 23 cm	6
LF1937	LigaSure™ Maryland Jaw Sealer/Divider 5 mm – 37 cm	6

LigaSure™ Blunt Tip Open Sealer/Divider

- Sealer/divider
- 5 mm diameter
- 180 degree shaft rotation
- Blunt jaw, double-action with contoured tips design

CODE	DESCRIPTION	SHIP CASE
LF1823	LigaSure™ Blunt Tip Open Sealer/Divider 5 mm – 23 cm	6
LF1837	LigaSure™ Blunt Tip Sealer/Divider 5 mm – 37 cm	6

LigaSure™ V Dolphin Tip Instrument

- Compatible with ForceTriad™ energy platform and LigaSure™ vessel sealing system
- 5 mm diameter; 37 cm (14.6 in) length
- 179 degree shaft rotation
- Dolphin-nose jaw design

CODE	DESCRIPTION	SHIP CASE
LS1500	LigaSure™ V Dolphin Tip Instrument – Sealer/divider	6

LigaSure Atlas™ Instrument

- Compatible with ForceTriad™ energy platform and LigaSure™ vessel sealing system
- 10 mm diameter; 37 cm (14.6 in) length
- 359 degree shaft rotation
- Straight, blunt jaw design

CODE	DESCRIPTION	SHIP CASE
LS1020	LigaSure Atlas™ Instrument – 20 cm	6
LS1037	LigaSure Atlas™ Instrument – 37 cm	6

ELECTROSURGICAL PENCILS — STERILE, SINGLE USE

Edge™ Button Switch Pencil – With Edge™ Coated Electrode

- Edge™ coated hex-locking blade electrodes
- Holster
- 3 m (10 ft) cord

CODE	DESCRIPTION	SHIP CASE
E2450H	Edge™ Button Switch Pencil	50

Valleylab™ Button Switch Pencil – With Stainless Steel Electrode

- Stainless steel hex-locking blade electrodes
- 3 m (10 ft) cord

CODE	DESCRIPTION	SHIP CASE
E2516	Valleylab™ Button Switch Pencil	50

Valleylab™ Button Switch Pencil - With Stainless Steel Electrode

- Stainless steel hex-locking blade electrodes
- Holster
- 3 m (10 ft) cord

CODE	DESCRIPTION	SHIP CASE
E2516H	Valleylab™ Button Switch Pencil	50

Valleylab™ Rocker Switch Pencil - Reusable

- Reusable stainless steel blade electrode
- Non-sterile
- 4.6 m (15 ft) silicone cord
- 50 uses
- Accepts all standard 2.4 mm (3/32 in) shaft electrodes
- Steam or EtO sterilizable

CODE	DESCRIPTION	SHIP CASE
E2100	Valleylab™ Rocker Switch Pencil, Reusable	10

ELECTROSURGICAL PENCIL ACCESSORIES

Valleylab™ Accessory Holster

- Sterile, single use

CODE	DESCRIPTION	SHIP CASE
E2400	Valleylab™ Accessory Holster	50

Valleylab™ Tip Cleaner – Sterile, Single Use

- Sterile, single use

CODE	DESCRIPTION	SHIP CASE
E2401	Valleylab™ Tip Cleaner	50

ELECTROSURGICAL ELECTRODES – STERILE, SINGLE USE

Edge™ Coated Blade Electrode

- Total length: 7.62 cm (3 in)
- Active length: 2.8 cm (1.1 in)
- For use with non-hex-locking pencils

CODE	DESCRIPTION	SHIP CASE
E1450G	Edge™ Coated Blade Electrode	50

Edge™ Hex-Locking Blade Electrode

- Hex locking
- Total length: 6.35 cm (2.5 in)
- Active length: 2.8 cm (1.1 in)

CODE	DESCRIPTION	SHIP CASE
E1450X	Edge™ Hex-Locking Blade Electrode	50

Edge™ Coated Blade Electrode

- Total length: 10.16 cm (4 in)
- Active length: 2.5 cm (1 in)

CODE	DESCRIPTION	SHIP CASE
E1450-4	Edge™ Coated Blade Electrode	50

Edge™ Coated Needle Electrode

- Total length: 7.2 cm (2.84 in)
- Active length: 2.8 cm (1.1 in)
- Tip radius: 0.864 mm (0.034 in)

CODE	DESCRIPTION	SHIP CASE
E1452	Edge™ Coated Needle Electrode	50

ELECTROSURGICAL ELECTRODES – STERILE, SINGLE USE TUNGSTEN MICROSURGICAL NEEDLE ELECTRODES

Valleylab™ Straight Micro – Needle Electrode

- Total length: 4.2 cm (1.65 in)
- Exposed length: 2 cm (0.8 in)
- Active length: 3.0 mm (0.120 in)
- Tip radius: 0.06 mm (0.0023 in)

CODE	DESCRIPTION	SHIP CASE
E1650	Valleylab™ Straight Micro Needle Electrode	10

Valleylab™ Straight Micro – Needle Electrode

- Total length: 5.4 cm (2.13 in)
- Exposed length: 3 cm (1.2 in)
- Active length: 3.0 mm (0.120 in)
- Tip radius: 0.06 mm (0.0023 in)

CODE	DESCRIPTION	SHIP CASE
E1651	Valleylab™ Micro-Needle Electrode	10

Valleylab™ Angled Micro-Needle Electrode

- Total length: 5.4 cm (2.13 in)
- Exposed length: 3 cm (1.2 in)
- Active length: 3.0 mm (0.120 in)
- Tip radius: 0.06 mm (0.0023 in)
- 45 degree angle 3.0 mm (0.120 in) from tip

CODE	DESCRIPTION	SHIP CASE
E1652	Valleylab™ Angled Micro-Needle Electrode	10

Valleylab™ Angled Micro-Needle Electrode

- Total length: 5.4 cm (2.13 in)
- Exposed length: 3 cm (1.2 in)
- Active length: 3.0 mm (0.120 in)
- Tip radius: 0.06 mm (0.0023 in)
- 45 degree angle 1 cm (0.4 in) from tip

CODE	DESCRIPTION	SHIP CASE
E1653	Valleylab™ Angled Micro-Needle Electrode	10

Valleylab™ Insulated Micro-Needle Electrode

- Not compatible with foot switching pencils or AccuVac™ smoke evacuation attachment
- Safety Sleeve™
- Total length: 10.16 cm (4 in)
- Exposed length: 9 cm (3.5 in)
- Active length: 3.0 mm (0.120 in)
- Tip radius: 0.06 mm (0.0023 in)

CODE	DESCRIPTION	SHIP CASE
E1654B	Valleylab™ Insulated Micro-Needle Electrode	10

ELECTROSURGICAL ELECTRODES – STERILE, SINGLE USE LLETZ ELECTRODES

Valleylab™ Tungsen Loop Electrode

- 10 mm x 10 mm
- 13 cm (5 in) shaft length

CODE	DESCRIPTION	SHIP CASE
E1559	Valleylab™ Tungsten Loop Electrode	10

Valleylab™ Ball Electrode

- 3 mm diameter
- 13 cm (5 in) shaft length

CODE	DESCRIPTION	SHIP CASE
E1563	Valleylab™ Ball Electrode	10

Valleylab™ Tungsten Loop Electrode

- 20 mm x 12 mm
- 13 cm (5 in) shaft length

CODE	DESCRIPTION	SHIP CASE
E1561	Valleylab™ Tungsten Loop Electrode	10

Valleylab™ Ball Electrode

- 5 mm diameter
- 13 cm (5 in) shaft length

CODE	DESCRIPTION	SHIP CASE
E1564	Valleylab™ Ball Electrode	10

ELECTROSURGICAL ELECTRODES — STERILE, SINGLE USE STAINLESS STEEL ELECTRODES

Valleylab™ Ball Electrode

- Total length: 5.33 cm (2.1 in)
- Active length: 1 cm (0.4 in)
- Diameter: 5 mm (3/16 in)

CODE	DESCRIPTION	SHIP CASE
E1550	Valleylab™ Ball Electrode	150

Valleylab™ Blade Electrode

- Total length: 6.2 cm (2.44 in)
- Active length: 2.8 cm (1.1 in)

CODE	DESCRIPTION	SHIP CASE
E1551G	Valleylab™ Blade Electrode	150

Valleylab™ Needle Electrode

- Total length: 7.2 cm (2.82 in)
- Active length: 2.8 cm (1.1 in)
- Tip radius: 0.762 mm (0.030 in)

CODE	DESCRIPTION	SHIP CASE
E1552	Valleylab™ Needle Electrode	150

ELECTROSURGICAL ELECTRODES — STERILE, SINGLE USE SOLID LAPAROSCOPIC ELECTRODES

Valleylab™ Laparoscopic Wire L-Hook Electrode

- Fits 5 mm cannulas
- Total length: 36 cm (11 in)

CODE	DESCRIPTION	SHIP CASE
E2773-36	Valleylab™ Wire L-Hook Tip	10

Valleylab™ Laparoscopic Flat L-Hook Electrode

- Fits 5 mm cannulas
- Total length: 36 cm (11 in)

CODE	DESCRIPTION	SHIP CASE
E2774-36	Valleylab™ Flat L-Hook Tip	10

Valleylab™ Laparoscopic Wire J-Hook Electrode

- Fits 5 mm cannulas
- Total length: 36 cm (11 in)

CODE	DESCRIPTION	SHIP CASE
E2772-36	Valleylab™ Wire J-Hook Tip	10

ELECTROSURGICAL ELECTRODES — NON-STERILE, REUSABLE STAINLESS STEEL ELECTRODES

Valleylab™ Ball Electrode – Steam/EtO sterilizable

- Total length: 5.33 cm (2.1 in)
- Active length: 1 cm (0.4 in)
- Diameter: 3.2 mm (1/8 in)

CODE	DESCRIPTION	SHIP CASE
E1000	Valleylab™ Ball Electrode	1

Valleylab™ Fine Needle Electrode – Steam/EtO sterilizable

- Total length: 6.6 cm (2.6 in)
- Active length: 2.54 cm (1 in)
- Tip radius: 0.51 mm (1/64 in)

CODE	DESCRIPTION	SHIP CASE
E1003	Valleylab™ Fine Needle Electrode	1

Valleylab™ Tungsten Loop Electrode – Steam/EtO sterilizable

- Total length: 5 cm (2 in)
- Active length: 0.95 cm (0.38 in)
- Diameter: 9.5 mm (3/8 in)

CODE	DESCRIPTION	SHIP CASE
E1005	Valleylab™ Tungsten Loop Electrode	1

Valleylab™ Straight Extension – Steam/EtO sterilizable

- Compatible with standard 2.4 mm (3/32 in) shaft electrodes
- Total length: 13 cm (5.1 in)
- Extension length: 10.2 cm (4 in)

CODE	DESCRIPTION	SHIP CASE
E1502	Valleylab™ Straight Extension	1

Valleylab™ Straight Extension – Steam/EtO sterilizable

- Compatible with standard 2.4 mm (3/32 in) shaft electrodes
- Fits 5 mm cannulas
- Total length: 34.3 cm (13.5 in)
- Extension length: 31.5 cm (12.4 in)

CODE	DESCRIPTION	SHIP CASE
E1504	Valleylab™ Straight Extension	1

PATIENT RETURN ELECTRODES – NON-STERILE, SINGLE USE, CORDED

Valleylab™ Non-REM Polyhesive™ Patient Return Electrode

- For use with non-RECQM generators; may require an adapter
- For patients >30 lbs (13.6 kg)
- 2.7 m (9 ft) cord

CODE	DESCRIPTION	SHIP CASE
E7506	Valleylab™ Non-REM Polyhesive™ Patient Return Electrode	50

Valleylab™ REM Polyhesive™ Adult Patient Return Electrode

- For use with RECQM generators
- For patients > 30 lbs (>13.6 kg)

CODE	DESCRIPTION	SHIP CASE
E7507	Valleylab™ REM Polyhesive™ Adult Patient Return Electrode, 2.7 m (9 ft) cord	50
E7507DB	Valleylab™ REM Polyhesive™ Adult Patient Return Electrode, 4.6 m15(9 ft) cord	50

Valleylab™ REM Polyhesive™ Adult Cordless Patient Return Electrode

- Requires E0560 reusable cord/clamp
- For use with RECQM generators
- For patients > 30 lbs (>13.6 kg)

CODE	DESCRIPTION	SHIP CASE
E7508	Valleylab™ REM Polyhesive™ Adult Cordless Patient Return Electrode (Each individually packaged)	100
E7509	Valleylab™ REM Polyhesive™ Adult Cordless Patient Return Electrode (5 per package, 10 resealable packages)	50

Valleylab™ Universal Patient Return Electrode

- Requires E0560 reusable cord/clamp
- ProRe™ Hydrogel

CODE	DESCRIPTION	SHIP CASE
HRA5	Valleylab™ Universal Patient Return Electrode Cordless	50

PATIENT RETURN ELECTRODES – NON-STERILE, SINGLE USE, CORDED

Valleylab™ REM Polyhesive™ Infant Patient Return Electrode

- For use with RECQM generators
- For patients 6-30 lbs (2.72-13.6 kg)
- 2.7 m (9 ft) cord

CODE	DESCRIPTION	SHIP CASE
E7510-25	Valleylab™ REM Polyhesive™ Infant Patient Return Electrode	25

Valleylab™ REM Polyhesive™ Infant Patient Return Electrode

- For use with RECQM generators
- For patients 6-30 lbs (2.72-13.6 kg)
- 4.6 m (15 ft) cord

CODE	DESCRIPTION	SHIP CASE
E7510-25DB	Valleylab™ REM Polyhesive™ Infant Patient Return Electrode	25

Valleylab™ REM Polyhesive™ Neonatal Patient Return Electrode

- For use with RECQM generators
- For patients 1-6 lbs (0.45-2.72 kg)
- 2.7 m (9 ft) cord

CODE	DESCRIPTION	SHIP CASE
E7512	Valleylab™ REM Polyhesive™ Neonatal Patient Return	12

Valleylab™ REM™ Patient Return Electrode Cord

- Compatible with with RECQM generators
- For use with E7508, E7509 and E7509-B patient return electrodes
- REM™ pin connector
- 4.6 m (15 ft) cord

RECQM = Return Electrode
Contact Quality Monitoring

CODE	DESCRIPTION	SHIP CASE
E0560	Valleylab™ REM™ Patient Return Electrode Cord Reusable	1

FOOT SWITCHING BIPOLAR FORCEPS – NON-STERILE, REUSABLE

Valleylab™ Scoville-Greenwood Bayonet Forceps – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 19.7 cm (7.75 in)
- Tip: 1.5 mm

CODE	DESCRIPTION	SHIP CASE
E4051-CT	Valleylab™ Scoville-Greenwood Bayonet Forceps	1

Valleylab™ Cushing Forceps – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 15.2 cm (6 in)
- Tip: 0.7 mm

CODE	DESCRIPTION	SHIP CASE
E4052-CT	Valleylab™ Cushing Forceps	1

Valleylab™ Cushing Forceps – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 17.8 cm (7 in)
- Tip: 1.5 mm

CODE	DESCRIPTION	SHIP CASE
E4053-CT	Valleylab™ Cushing Forceps	1

Valleylab™ Cushing Bayonet Forceps – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 19.1 cm (7.5 in)
- Tip: 2.0 mm

CODE	DESCRIPTION	SHIP CASE
E4054-CT	Valleylab™ Cushing Bayonet Forceps	1

FOOT SWITCHING BIPOLAR FORCEPS – NON-STERILE, REUSABLE

Valleylab™ Cushing Bayonet Forceps – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 19.1 cm (7.5 in)
- Tip: 0.7 mm

CODE	DESCRIPTION	SHIP CASE
E4058-CT	Valleylab™ Cushing Bayonet Forceps	1

Valleylab™ Hardy Bayonet Forceps with Stops* – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 19.1 cm (7.5 in)
- Tip: 0.5 mm

CODE	DESCRIPTION	SHIP CASE
E4059-CT	Valleylab™ Hardy Bayonet Forceps with Stops* (*Stops prevent scissoring of the tip)	1

Valleylab™ Semkin Forceps with Stops* – Steam/EtO sterilizable

- Insulated
- Smooth tips
- Total length: 14 cm (5.5 in)
- Tip: 0.5 mm

CODE	DESCRIPTION	SHIP CASE
E4060-CT	Valleylab™ Semkin Forceps with Stops* (*Stops prevent scissoring of the tip)	1

ELECTROSURGICAL ACCESSORIES — STERILE, SINGLE USE CORDS

Valleylab™ Bipolar Forceps Cord

- For use with Valleylab™ bipolar foot switching forceps
- Standard dual-pin connector
- 3.6 m (12 ft)

CODE	DESCRIPTION	SHIP CASE
E0509	Valleylab™ Banana Leads Bipolar Forceps Cord	50

Valleylab™ Bipolar Forceps Cord

- For use with Valleylab™ bipolar foot switching forceps
- Compatible with Force™ series and SurgiStat™ II generators
- Molded plug
- 3.6 m (12 ft)

CODE	DESCRIPTION	SHIP CASE
E0509	Valleylab™ Banana Leads Bipolar Forceps Cord	50

Valleylab™ Trigger Switch and Cord

- Converts most monopolar foot-activated laparoscopic and thorascopic instruments to hand activation
- Accepts 4 mm male post connector
- Trigger switch total length 12.7 cm (5 in)
- Monopolar connecting cord 3.0 m (10 ft)

CODE	DESCRIPTION	SHIP CASE
E0520	Valleylab™ Trigger Switch and Cord	10

ELECTROSURGICAL ACCESSORIES — NON-STERILE, REUSABLE CORDS

Valleylab™ Monopolar Laparoscopic Cord – Steam sterilizable

- Accepts 4 mm male post connector
- 3 m (10 ft)

CODE	DESCRIPTION	SHIP CASE
E0520	Valleylab™ Trigger Switch and Cord	1

ELECTROSURGICAL ACCESSORIES — NON-STERILE, REUSABLE ADAPTERS

Valleylab™ Universal Monopolar Adapter

- Compatible with Valleylab™ and most electrosurgical generators for foot switching activation
- Accepts standard monopolar accessory cords up to 6 mm

CODE	DESCRIPTION	SHIP CASE
E0017	Valleylab™ Universal Monopolar Adapter	1

Valleylab™ Monopolar Adapter

- Compatible with Valleylab™ and most electrosurgical generators for foot switching activation
- Accepts standard monopolar accessory cords pin connectors up to 3.2 mm

CODE	DESCRIPTION	SHIP CASE
E0502-1	Valleylab™ Monopolar Adapter	1

ForceTriad™ Bipolar Adapter

- For use with ForceTriad™ energy platform only
- Allows connection of bipolar accessory cords with standard dual-pin "fl ying lead" connector to the ForceTriad™ energy platform
- Monopolar connecting cord 3.0 m (10 ft)

CODE	DESCRIPTION	SHIP CASE
FT0501	ForceTriad™ Bipolar Adapter	1

Valleylab™ Patient Return Electrode Adapter

- Accepts standard non-REM Polyhesive™ patient return electrode (E7506)

CODE	DESCRIPTION	SHIP CASE
E0504-2	Valleylab™ Patient Return Electrode Adapter	1

SMOKE EVACUATION SYSTEM AND ACCESSORIES – LATEX FREE

RapidVac™ Smoke Evacuator

- Requires SEA3700 RapidVac™ smoke evacuator filter
- For use with any electrosurgical generator
- Evacuates electrosurgical smoke and laser plume
- Synchronizes with electrosurgical units for auto activation using SEA3730 or SEA3740
- Five power levels plus turbo mode
- Maximum flow rate of 44 cfm
- Needs no prefilters or adapters

CODE	DESCRIPTION	SHIP CASE
SE3695	Rapid Vac™ Smoke Evacuator	1

RapidVac™ Smoke Evacuator Filter

- Four-stage, ULPA filter technology
- Three convenient ports, 6 mm (1/4 in), 10 mm (3/8 in), 22 mm (7/8 in), no adapters needed
- No prefilter needed
- 25 hours of activation time; approximately three to five months actual use

CODE	DESCRIPTION	SHIP CASE
SE3700	Rapid Vac™ Smoke Evacuator Filter	2

RapidVac™ Interlink Cable

- Synchronizes RapidVac™ system to ForceTriad™, Force FX™ series and Force EZ-C™ electrosurgical generators
- 3 m (10 ft) cable

CODE	DESCRIPTION	SHIP CASE
SEA3730	Rapid Vac™ Interlink Cable	1

RapidVac™ Remote Switch Activator

- Synchronizes RapidVac™ system to any generator using audiosensing of activation tones
- 3 m (10 ft) cable

CODE	DESCRIPTION	SHIP CASE
SEA3740	Rapid Vac™ Remote Switch Activator	1

RapidVac™ Remote Switch Activator

- For use with RapidVac™ smoke evacuator
- 4.6 m (15 ft) cord

CODE	DESCRIPTION	SHIP CASE
SEA3745	Rapid Vac™ Smoke Evacuator Foot Switch	1

SMOKE EVACUATION ACCESSORIES - LATEX FREE

Smoke Evacuator Tubing 1/4" x 10'
- Connects directly to RapidVac™ smoke evacuator
- Lap tubing/no valve
- Sterile
- Single Use

CODE	DESCRIPTION	SHIP CASE
SEA3705	Tubing ¼ " x 10'	6

Smoke Evacuator Tubing 3/8" x 10"
- Connects directly to RapidVac™ smoke evacuator
- Interfaces with AccuVac™ pencil
- Sterile
- Single Use

CODE	DESCRIPTION	SHIP CASE
SEA3710	Tubing 3/8" x 10'	6

SMOKE EVACUATION PENCILS

Button Switch Pencil
- Edge™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment (requires a smoke evacuator)
- Holster
- 3/8" x 1' tubing with 3/8" tubing connector
- 3 m (10 ft) cord
- Sterile, single use

CODE	DESCRIPTION	SHIP CASE
E2450HS	Button Switch Pencil	25

Valleylab™ Smoke Evacuation Rocker Switch Pencil

- Edge™ Blade Electrode
- Holster
- 3 m (10 ft) cord
- Sterile, single use

CODE	DESCRIPTION	SHIP CASE
SEP5000	Smoke Evacuation Rocker Switch Pencil	20

Valleylab™ Telescoping Smoke Evacuation Rocker Switch Pencil

- Edge™ Blade Electrode
- Holster
- 3 m (10 ft) cord
- Sterile, single use

CODE	DESCRIPTION	SHIP CASE
SEP6000	Telescoping Smoke Evacuation Rocker Switch Pencil	20

CAPNOSTREAM™ 35 PORTABLE RESPIRATORY MONITOR

Capnostream™ 35 Portable Respiratory Monitor

The Capnostream™ 35 respiratory monitor is designed with features to assist clinicians to help enhance efficient workflow.

▪ Portable, rugged, lightweight, ergonomic design — helps you facilitate moving a patient between areas of care

▪ Smart algorithms — engineered to give you an early indication of changes in respiratory status that may need intervention

▪ Continuous monitoring of $etCO_2$, respiration rate, and SpO_2

PM35-VET-KIT Contents:

CODE	DESCRIPTION	SHIP CASE
PM35MN02	Capnostream™ 35 Portable Respiratory Monitor	1
V-SAT	Vet Sensor	1
DOC10	Pulse Oximetry Cable, DOC10	1

Optional Accesories:

CODE	DESCRIPTION	SHIP CASE
CS03743	Pole Clamp	1
PM35VAA	Cap 35 vesa adaptor assembly	1
D-YS	Dura-y sensor (For sensor replacement)	1

NELLCOR™ BEDSIDE SPO₂ PATIENT MONITOR

Nellcor™ Bedside SpO₂ Patient Monitor

PERFORMANCE

MEASUREMENT RANGE

SpO2: 1% to 100%
Pulse rate: 20 to 250 beats per minute (bpm)
Pulse amplitude: 0.03% to 20%

ACCURACY

Saturation (% SpO2 ± 1 SD)

Adult: 70% to 100% ± 2 digits

60% to 80% ± 3 digits

Neonate: 70% to 100% ± 3 digits

Low perfusion: 70% to 100% ± 2 digits

Pulse rate: 20 to 250 bpm ± 3 digits

Low perfusion: 20 to 250 bpm ± 3 digits

WARRANTY

Three year warranty against material and workmanship under normal use.

CODE	DESCRIPTION	SHIP CASE
NELL-SPO2-AD3	Nellcor™ Bedside SpO₂ Patient Monitor **(5 hour battery)**	1
NELL-SPO2-AD3+	Nellcor™ Bedside SpO₂ Patient Monitor **(10 hour battery)**	1

Optional Accesories:

CODE	DESCRIPTION	SHIP CASE
10005950	Adapter Plate	1
10005949	10 hour battery	1
10002385	GCX Roll Stand	1

THE INNOVATIVE WARMTOUCH™ CONVECTIVE WARMING UNIT

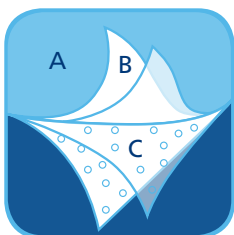## WarmTouch™ Convective Warming Unit

- EASY TO USE
  New intuitive LCD screen and menu function provide all information at a glance.
- EASY TO CONTROL
  5 different settings, including ambient and boost, for more flexibility and precision.
- EASY TO HANDLE
  The low weight makes it easy to transport and attach to a cart, bedrail or an IV pole.
- EASY TO SERVICE
  The onscreen filter expiry warning makes it easy to maintain and service.

CODE	DESCRIPTION	SHIP CASE
5016000K	WT6000 Warming Unit	1
5016000K-CART	WT Blower Intro Kit (with cart)	1

WARMTOUCH™ CONVECTIVE WARMING BLANKETS

WarmTouch™ Convective Warming Unit

The soft but strong WarmTouch quilted blankets meet a wide range of needs to offer the optimal solution in easy and effective patient warming.
Made of a strong two-ply material, they resist tears, punctures and fluids, yet are soft and flexible to allow custom draping and comfort for your patients.

A- The fabric outer layer eliminates hot plastic surfaces which could contact the patient's skin.

B- Layered construction adds strength, so even minor punctures will not expand and cause the blanket to deflate.

C- Specially positioned holes direct the airflow evenly onto the patient.

CODE	DESCRIPTION	SHIP CASE
5030850	Warmtouch™ pediatric surgical blanket (Small) 12 per Case	1
5030840	Warmtouch™ pediatric full body blanket (Medium) 12 per Case	1
5030810	Warmtouch™ full-body multi access blanket (Large) 25 per Case	1

PILLCAM™ SYSTEM

Pillcam™ system

Medtronic has simplified the video capsule endoscopy procedure, making it easy and time-efficient for healthcare professionals, while keeping it convenient and comfortable for patients.

- The PillCam™ Workstation kit consists of a computer running on Microsoft® Windows 7, a 22in. monitor, a set of keyboard & mouse, a high speed color printer and a license of the proprietary PillCam™ software v9.0.

- The PillCam™ DR3 starter kit includes a DR3 recorder, a DR3 recorder cradle, and its accessories.
The PillCam™ DR3 recorder has the capability to display the capsule images in real-time directly on the color LCD display, providing maximum workflow flexibility for capsule endoscopy programs.

- The PillCam™ workstation combined with the visualization capsules provide the veterinarian with an unsurpassed reading experience utilizing user-friendly features that maximize reading efficiency and facilitate diagnostic interpretation and patient management.

CODE	DESCRIPTION	SHIP CASE
PILLCAM-WS-01	PillCam™ Workstation	1
PILLCAM-DR3-01	PillCam™ DR3 System Starter Kit	1

Sensors & Other Capital Equipment:

CODE	DESCRIPTION	SHIP CASE
FGS-0568	PillCam™ Sensor Belt, DR3 Sensor belt used to capture signal from Small Bowel capsules	1
FGS-0569	PillCam™ Sensor Array, DR3 8 leads sensor array used to capture signal from Small Bowel capsules	1
FGS-0567	PillCam™ Sensor Array, DR3 (Small) 8 leads sensor array used to capture signal from Small Bowel capsules	1

Other Disposable Products:

CODE	DESCRIPTION	SHIP CASE
FGS-0453	PillCam™ Sensor Array Sleeves Disposable sleeves to be used with FGS-0567 & FGS-0569	10

PILLCAM™ CONSUMABLES

PillCam™ Patency Capsule

The PillCam™ patency capsule is a capsule made out of dissolving material, that provides a simple and convenient way to verify adequate patency of the gastrointestinal tract prior to capsule endoscopy.

▪ Dimension: 11 mm x 26 mm

▪ Weight: 3.3 grams

CODE	DESCRIPTION	SHIP CASE
FGS-0659	PillCam™ Patency Capsule	1
FGS-0660	PillCam™ Patency Capsule	5

PillCam™ SB3 Capsule

PillCam™ SB3 is a patient-friendly tool for directly visualizing the small bowel to detect and monitor abnormalities. This procedure is the standard of care for small bowel evaluation, helping veterinarians detect the presence of lesions and what may be the source of obscure GI bleeding and iron deficiency anemia.

▪ Dimension: 11.4 mm x 26.2 mm

▪ Weight: 3 grams

CODE	DESCRIPTION	SHIP CASE
FGS-0391	PillCam™ SB3 Capsule	1
FGS-0400	PillCam™ SB3 Capsule	10

SMARTPILL™ MOTILITY TESTING

SmartPill™ Motility Testing

The SmartPill™ motility system features an ingestible capsule that measures pressure, pH, transit time and temperature as it passes through the entire GI tract.

SmartPill™ System Components

CODE	DESCRIPTION	SHIP CASE
FGS-0658	SmartPill™ Software V 3.1	1
50100400	SmartPill™ Docking Station Kit	1
50100500	SmartPill™ Recorder Kit	1
50100600	SmartPill™ Activation Fixture	1

SmartPill™ Capsules

CODE	DESCRIPTION	SHIP CASE
FGS-0503	SmartPill™ Capsules	5

SmartPill™ SmartBars

CODE	DESCRIPTION	SHIP CASE
FGS-0505	SmartPill™ SmartBar Contains: wheat gluten, soybeans. May contain tree nuts and sesame	5

BRAVO™ CALIBRATION-FREE PH MONITORING

Bravo™ Calibration-Free pH Monitoring

The Bravo™ Calibration-Free pH monitoring, the only catheter-free ambulatory pH test, utilizes a small pH capsule that is temporarily attached to the wall of the esophagus to transmit pH data for a full 48 hours, and up to 96 hours. Ambulatory pH testing is considered the gold standard for pH measurement and monitoring of gastric reflux, helping clinicians diagnose gastroesophageal reflux disease (GERD).

The Bravo™ Starter Kit includes a Bravo™ recorder, a license for the reading and analysis software, and a suction pump with its accessories.

Bravo™ System Components and Accessories

CODE	DESCRIPTION	SHIP CASE
BRAVO-KIT-01	Bravo™ Calibration-Free pH monitoring starter kit	1
FGS-0340	Bravo™ Vacuum Tubes	10
FGS-0341	Bravo™ Vacuum Pump Filters	10

Bravo™ Capsules

CODE	DESCRIPTION	SHIP CASE
FGS-0635	Bravo™ Calibration-Free pH Capsule Delivery Device	5

ADVANCED ABLATION SOLUTIONS

Microwave Ablation System

Emprint™ Ablation Generator

The ablation generator is a 100 W generator with an intuitive user interface and customizable power settings for simplified setup and operation. It is the only generator that provides clinicians with predictable spherical ablation zones.

CODE	DESCRIPTION	SHIP CASE
CAGEN1	Emprint™ Ablation Generator	1

Emprint™ Ablation Pump

The Emprint™ pump is used to cool the Emprint™ antennas to minimize thermal conductivity for increased control and predictability.

CODE	DESCRIPTION	SHIP CASE
CAPUMP1	Emprint™ Ablation Pump	1

Emprint™ Ablation Reusable Cable

The Emprint™ reusable cable is a high efficiency reusable cable that optimizes power delivery to the Emprint™ antennas.

CODE	DESCRIPTION	SHIP CASE
CA190RC1	Emprint™ Ablation Reusable Cable	1

Ablation Footswitch

The footswitch allows easy activation of the generator.

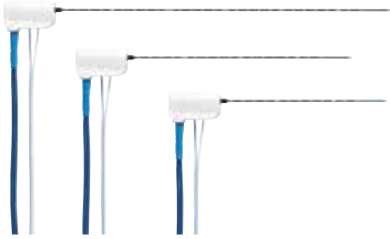| CODE	DESCRIPTION	SHIP CASE
RFASW	Ablation Footswitch	1

Emprint™ Ablation Cart

An all in one system designed with a 17"x19" footprint to save space in crowded procedural suites.

CODE	DESCRIPTION	SHIP CASE
CART1	Ablation Cart	1

Emprint™ Percutaneous Antenna with Thermosphere™ Technology

An internally cooled 13G antenna with single body fiberglass construction.

CODE	DESCRIPTION	SHIP CASE
CA15L2	Emprint™ Percutaneous Antenna With Thermosphere Technology - Short 15cm	1
CA20L2	Emprint™ Percutaneous Antenna With Thermosphere Technology - Standard 20cm	1
CA30L2	Emprint™ Percutaneous Antenna With Thermosphere Technology - Long 30cm	1

Radiofrequency Ablation System

Cool-Tip™ RF Ablation E Series System

The Cool-Tip™ RF Ablation E Series System offers a simple and intuitive interface to perform ablation procedures using radio frequency technology.

Hardware system includes:

CODE	DESCRIPTION	SHIP CASE
RFAGEN	Cool-tip™ RF Ablation System E Series	1
RFAPAC	Component kit	1
FT900RFA	Cart	1
FT3X	Cart Kit	1

Remote Temperature Probes

The remote temperature probe allows real-time tissue temperature monitoring for extra assurance. It measures tissue temperature in or adjacent to ablation zones and automatically stops RF delivery when a preset tissue temperature is attained.

CODE	DESCRIPTION	SHIP CASE
RTP20	Cool-tip™ RF Ablation Remote Temperature Probe E Series - 20cm	1
RTP20B	Cool-tip™ RF Ablation Remote Temperature Probe E Series - 20cm	5

RF Ablation High-Power Patient Return Electrode E-Series

Innovative patient return electrode helps in protecting against potential hotspots and reduces number of pads required. Its innovative design monitors current and offers a breathable backing that dissipates heat.

CODE	DESCRIPTION	SHIP CASE
RFAPADB	RF Ablation High-Power Patient Return Electrode E-Series	1

Cool-tip™ RF Ablation electrodes

The Cool-tip™ 17G straight electrodes are equipped with trocar-style tip and can be inserted, positioned and repositioned like a biopsy needle.

Single electrode kits:

CODE	DESCRIPTION	LENGTH	TIP EXPOSURE	SHIP CASE
RFA1020	Cool-tip™ RF Ablation Single Electrode Kit	10 cm	2 cm	1
RFA1030	Cool-tip™ RF Ablation Single Electrode Kit	10 cm	3 cm	1
RFA1507	Cool-tip™ RF Ablation Single Electrode Kit	14.4 cm	0.7 cm	1
RFA1510	Cool-tip™ RF Ablation Single Electrode Kit	15 cm	1 cm	1
RFA1520	Cool-tip™ RF Ablation Single Electrode Kit	15 cm	2 cm	1
RFA1530	Cool-tip™ RF Ablation Single Electrode Kit	15 cm	3 cm	1
RFA2020	Cool-tip™ RF Ablation Single Electrode Kit	20 cm	2 cm	1
RFA2030	Cool-tip™ RF Ablation Single Electrode Kit	20 cm	3 cm	1
RFA2530	Cool-tip™ RF Ablation Single Electrode Kit	25 cm	3 cm	1

Multiple electrode kits:

CODE	DESCRIPTION	LENGTH	TIP EXPOSURE	SHIP CASE
RFA15302	Cool-tip™ RF Ablation Multiple Electrode Kit E-Series (Kit of 2)	15 cm	3 cm	1
RFA15303	Cool-tip™ RF Ablation Multiple Electrode Kit E-Series (Kit of 3)	15 cm	3 cm	1
RFA15403	Cool-tip™ RF Ablation Multiple Electrode Kit E-Series (Kit of 3)	15 cm	4 cm	1
RFA25303	Cool-tip™ RF Ablation Multiple Electrode Kit E-Series (Kit of 3)	25 cm	3 cm	1
RFA25403	Cool-tip™ RF Ablation Multiple Electrode Kit E-Series (Kit of 3)	25 cm	4 cm	1

Cluster electrode kits:

CODE	DESCRIPTION	LENGTH	TIP EXPOSURE	SHIP CASE
RFAC1025	Cool-tip™ RF Ablation Cluster Electrode Kit E-Series	10 cm	2.5 cm	1
RFAC1525	Cool-tip™ RF Ablation Cluster Electrode Kit E-Series	15 cm	2.5 cm	1
RFAC2025	Cool-tip™ RF Ablation Cluster Electrode Kit E-Series	20 cm	2.5 cm	1

www.covidien.com/animalhealth

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Medtronic