



Device C-Code Reference Guide

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Disclaimer

The information provided in this reference guide was developed by third-party reimbursement consultants. The information is current as of July 2009, and is subject to change on behalf of ev3 Endovascular, Inc. without notice as a result of changes in reimbursement laws, regulations, rules, policies and payment amounts. Although we supply this information to the best of our current knowledge, it is always the provider's sole responsibility to determine and submit appropriate codes.

All coding information provided in this manual is based on official published references by the Centers for Medicare and Medicaid Services (CMS). Please remember that CMS may change its policies, and that local payers, even local Medicare contractors, might have policies that vary from what is provided in this guide. Hospitals, physicians, and other providers should consult with appropriate payers, including Medicare fiscal intermediaries or MACs, for specific information on local coding, billing and payment levels for healthcare procedures. It is the provider's sole responsibility to use appropriate codes on claim forms. A determination of medical necessity by the physician is a prerequisite that is assumed will be made prior to assigning codes or requesting payments. The determination of whether a product is appropriate for a patient is appropriately made by the treating physician.

The Food and Drug Administration (FDA) approved product-specific indications are provided in the Appendix for appropriate product labeling and usage.

This Guide does not represent legal advice, nor does it constitute any promise or guarantee by ev3 concerning levels of reimbursement, payment, coding, billing and/or coverage. ev3 specifically disclaims liability or responsibility for the results or consequences of any actions taken in reliance on the statements, opinions, or suggestions in this Guide. ev3 makes no representations or warranties with respect to the contents of this Guide and disclaims any implied guarantee or warranty of fitness for any particular purpose. ev3 will not be liable to any individual or entity for any losses or damages that may be occasioned by the use of this Guide.

Peripheral Vascular/Biliary C-Code/Product Cross-Reference Table

Product Category	Device C-Code	C-Code Long Description	Product Cross Reference
Thrombus Management Systems	C1757	Catheter, thrombectomy/embolectomy	<ul style="list-style-type: none"> • X-SIZER[®] Thrombectomy Catheter System • HELIX[™] THE CLOT BUSTER[®] Thrombectomy Device • Rinspirator[®] Thrombus Removal System
Balloon Angioplasty Catheters	C1725	Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	<ul style="list-style-type: none"> • EVERCROSS[™] PTA Balloon Catheter • NANOCROSS[™] PTA Balloon Catheter
Stents with delivery systems	C1876	Stent, non-coated/non-covered, with delivery system	<ul style="list-style-type: none"> • PROTÉGÉ[®] EverFlex[™] Self-Expanding Biliary Stent System • PROTÉGÉ[®] GPS[™] (BIGGS) Self-Expanding Biliary Stent System • PROTÉGÉ[®] RX Carotid Stent System • Visi-Pro[™] Balloon-Expandable Biliary Stent System • PRIMUS[™] GPS[™] Balloon-Expandable Biliary Stent System • ParaMount[™] Mini[™] GPS[™] Balloon-Expandable Biliary Stent System
Stents without delivery system	C1877	Stent, non-coated/non-covered, without delivery system	<ul style="list-style-type: none"> • IntraStent[®] LD DoubleStrut[™] Biliary Stent • IntraStent[®] LD Max[™] Biliary Stent • IntraStent[®] LD Mega[™] Biliary Stent
Embolic Protection	C1884	Embolization Protective System	<ul style="list-style-type: none"> • SpiderFX[™] Embolic Protection Device
Guide Wires	C1769	Guide Wire	<ul style="list-style-type: none"> • NITREX[®] Guidewires • The Babywire[™] Guidewires
Guiding Catheters	C1887	Guiding Catheter	<ul style="list-style-type: none"> • Cragg-McNamara[®] Valved Infusion Catheter • MicroMewi[®] Infusion Catheter • ProStream[®] Infusion Wire • Rebar[®] Reinforced Microcatheter
Introducer Sheath	C1894	Introducer/Sheath, other than guiding, intracardiac electrophysiological, non-laser	<ul style="list-style-type: none"> • PBCT Accessory – Introducer Sheath
Atherectomy	C1714	Catheter, transluminal Atherectomy, directional	<ul style="list-style-type: none"> • SilverHawk[®] LS-C, LS, LS-F, LX, MS, MS-F, SX, SXL, SS+, ES+, DS

Atherectomy Catherers

C-Code	Product Description	Item Number(s)	Item Description
C1714 Catheter, transluminal Atherectomy, directional	SilverHawk® Peripheral Catheter LS-C for Large peripheral arteries	P5014	<ul style="list-style-type: none"> • 4.5-7 mm Vessel Diameter • 107 cm Working Length • 6 cm Tip
	SilverHawk® Peripheral Catheter LS-M for Large peripheral arteries	P4052	<ul style="list-style-type: none"> • 4.5-7 mm Vessel Diameter • 110 cm Working Length • 6 cm Tip
	SilverHawk® Peripheral Catheter LS-F for Large peripheral arteries	P4014	<ul style="list-style-type: none"> • 4.5-7 mm Vessel Diameter • 107 cm Working Length • 6 cm Tip
	SilverHawk® Peripheral Catheter LX-M for Large peripheral arteries	P4055	<ul style="list-style-type: none"> • 4.5-6.5 mm Vessel Diameter • 113 cm Working Length • 9 cm Tip
	SilverHawk® Peripheral Catheter MS-M for Medium peripheral arteries	P4056	<ul style="list-style-type: none"> • 3.5-5 mm Vessel Diameter • 110 cm Working Length • 6 cm Tip
	SilverHawk® Peripheral Catheter MS-F for Medium peripheral arteries	P4018	<ul style="list-style-type: none"> • 3.5-5 mm Vessel Diameter • 107 cm Working Length • 6 cm Tip
	SilverHawk® Peripheral Catheter SX for Small peripheral arteries	P4023	<ul style="list-style-type: none"> • 3-3.5 mm Vessel Diameter • 136 cm Working Length • 4.3 cm Tip
	SilverHawk® Peripheral Catheter SXL for Small peripheral arteries	P4033	<ul style="list-style-type: none"> • 3-3.5 mm Vessel Diameter • 136 cm Working Length • 7.2 cm Tip
	SilverHawk® Peripheral Catheter SS+ for Small peripheral arteries	P4030	<ul style="list-style-type: none"> • 3-3.5 mm Vessel Diameter • 135 cm Working Length • 2.6 cm Tip
	SilverHawk® Peripheral Catheter EXL for Extra Small peripheral arteries	P4044	<ul style="list-style-type: none"> • 2-3 mm Vessel Diameter • 135 cm Working Length • 6 cm Tip

Atherectomy Catherers

C-Code	Product Description	Item Number(s)	Item Description
C1714 Catheter, transluminal Atherectomy, directional	SilverHawk® Peripheral Catheter ES+ for Extra Small peripheral arteries	P4034	<ul style="list-style-type: none"> • 2-2.5 mm Vessel Diameter • 135 cm Working Length • 2.2 cm Tip
	SilverHawk® Peripheral Catheter DS for Distal peripheral arteries	P4028	<ul style="list-style-type: none"> • 1.5-2 mm Vessel Diameter • 135 cm Working Length • 2.6 cm Tip

Thrombus Management Systems

C-Code	Product Description	Item Number(s)	Item Description
C1757 Catheter, thrombectomy/ embolectomy	X-SIZER® Thrombectomy Catheter System	XD-CS1150-45	1.5 mm
		XD-CS1200-55	2.0 mm
	HELIX™ The Clot Buster® Thrombectomy Device	CB-7075	7F x 75 cm
		CB-7120	7F x 120 cm
A4649	Foot Pedal Assembly	AK100 Foot Pedal Assembly	Foot Pedal Assembly
	Rinspirator® Thrombus Removal System	CP5 (Coronary / Peripheral)	CP100
		PR7 (Peripheral)	PR200
		PR7-65 (Peripheral)	PR300

Balloon Angioplasty Catheters (PTA Balloons)

C-Code	Product Description	Item Number(s)	Item Description (Balloon Size–Diameter [mm] x Length [mm] x Shaft Length [cm])
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	EverCross™ OTW PTA Dilatation Catheter	AB35W03020135	3 x 20 x 135
		AB35W03040135	3 x 40 x 135
		AB35W03080135	3 x 80 x 135
		AB35W03120135	3 x 120 x 135
		AB35W04020135	4 x 20 x 135
		AB35W04040135	4 x 40 x 135
		AB35W04060135	4 x 60 x 135
		AB35W04080135	4 x 80 x 135
		AB35W04120135	4 x 120 x 135
		AB35W05020135	5 x 20 x 135
		AB35W05040135	5 x 40 x 135
		AB35W05060135	5 x 60 x 135
		AB35W05080135	5 x 80 x 135
		AB35W05120135	5 x 120 x 135
		AB35W06020135	6 x 20 x 135
		AB35W06040135	6 x 40 x 135
		AB35W06060135	6 x 60 x 135
		AB35W06080135	6 x 80 x 135
		AB35W06120135	6 x 120 x 135
		AB35W07020135	7 x 20 x 135
		AB35W07040135	7 x 40 x 135
		AB35W07060135	7 x 60 x 135
		AB35W07080135	7 x 80 x 135
		AB35W08020135	8 x 20 x 135
		AB35W08040135	8 x 40 x 135
		AB35W08060135	8 x 60 x 135
		AB35W08080135	8 x 80 x 135
		AB35W09020135	9 x 20 x 135
		AB35W09040135	9 x 40 x 135
		AB35W09060135	9 x 60 x 135
		AB35W09080135	9 x 80 x 135
		AB35W10020135	10 x 20 x 135
		AB35W10040135	10 x 40 x 135
		AB35W12020135	12 x 20 x 135
		AB35W12040135	12 x 40 x 135
		AB35W12060135	12 x 60 x 135
		AB35W03020080	3 x 20 x 80
		AB35W03040080	3 x 40 x 80
		AB35W03080080	3 x 80 x 80

Balloon Angioplasty Catheters (PTA Balloons)

C-Code	Product Description	Item Number(s)	Item Description (Balloon Size–Diameter [mm] x Length [mm] x Shaft Length [cm])
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	EverCross™ OTW PTA Dilatation Catheter	AB35W03120080	3 x 120 x 80
		AB35W04020080	4 x 20 x 80
		AB35W04040080	4 x 40 x 80
		AB35W04060080	4 x 60 x 80
		AB35W04080080	4 x 80 x 80
		AB35W04120080	4 x 120 x 80
		AB35W05020080	5 x 20 x 80
		AB35W05040080	5 x 40 x 80
		AB35W05060080	5 x 60 x 80
		AB35W05080080	5 x 80 x 80
		AB35W05120080	5 x 120 x 80
		AB35W06020080	6 x 20 x 80
		AB35W06040080	6 x 40 x 80
		AB35W06060080	6 x 60 x 80
		AB35W06080080	6 x 80 x 80
		AB35W06120080	6 x 120 x 80
		AB35W07020080	7 x 20 x 80
		AB35W07040080	7 x 40 x 80
		AB35W07060080	7 x 60 x 80
		AB35W07080080	7 x 80 x 80
		AB35W08020080	8 x 20 x 80
		AB35W08040080	8 x 40 x 80
		AB35W08060080	8 x 60 x 80
		AB35W08080080	8 x 80 x 80
		AB35W09020080	9 x 20 x 80
		AB35W09040080	9 x 40 x 80
		AB35W09060080	9 x 60 x 80
		AB35W09080080	9 x 80 x 80
		AB35W10020080	10 x 20 x 80
		AB35W10040080	10 x 40 x 80
		AB35W12020080	12 x 20 x 80
		AB35W12040080	12 x 40 x 80
		AB35W03030135	3 x 30 x 135
		AB35W03060135	3 x 60 x 135
		AB35W03100135	3 x 100 x 135
		AB35W03150135	3 x 150 x 135
		AB35W03200135	3 x 200 x 135
		AB35W04015135	4 x 15 x 135
		AB35W04030135	4 x 30 x 135
		AB35W04100135	4 x 100 x 135

Balloon Angioplasty Catheters (PTA Balloons)

C-Code	Product Description	Item Number(s)	Item Description (Balloon Size–Diameter [mm] x Length [mm] x Shaft Length [cm])
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	EverCross™ OTW PTA Dilatation Catheter	AB35W04150135	4 x 150 x 135
		AB35W04200135	4 x 200 x 135
		AB35W05015135	5 x 15 x 135
		AB35W05030135	5 x 30 x 135
		AB35W05100135	5 x 100 x 135
		AB35W05150135	5 x 150 x 135
		AB35W05200135	5 x 200 x 135
		AB35W06015135	6 x 15 x 135
		AB35W06030135	6 x 30 x 135
		AB35W06100135	6 x 100 x 135
		AB35W06150135	6 x 150 x 135
		AB35W06200135	6 x 200 x 135
		AB35W07015135	7 x 15 x 135
		AB35W07030135	7 x 30 x 135
		AB35W07100135	7 x 100 x 135
		AB35W07120135	7 x 120 x 135
		AB35W07150135	7 x 150 x 135
		AB35W07200135	7 x 200 x 135
		AB35W08030135	8 x 30 x 135
		AB35W09030135	9 x 30 x 135
		AB35W10030135	10 x 30 x 135
		AB35W10060135	10 x 60 x 135
		AB35W03030080	3 x 30 x 80
		AB35W03060080	3 x 60 x 80
		AB35W03100080	3 x 100 x 80
		AB35W03150080	3 x 150 x 80
		AB35W03200080	3 x 200 x 80
		AB35W04015080	4 x 15 x 80
		AB35W04030080	4 x 30 x 80
		AB35W04100080	4 x 100 x 80
		AB35W04150080	4 x 150 x 80
		AB35W04200080	4 x 200 x 80
		AB35W05015080	5 x 15 x 80
		AB35W05030080	5 x 30 x 80
		AB35W05100080	5 x 100 x 80
		AB35W05150080	5 x 150 x 80
		AB35W05200080	5 x 200 x 80
		AB35W06015080	6 x 15 x 80
		AB35W06030080	6 x 30 x 80
		AB35W06100080	6 x 100 x 80

Balloon Angioplasty Catheters (PTA Balloons)

C-Code	Product Description	Item Number(s)	Item Description (Balloon Size–Diameter [mm] x Length [mm] x Shaft Length [cm])
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	EverCross™ OTW PTA Dilatation Catheter	AB35W06150080	6 x 150 x 80
		AB35W06200080	6 x 200 x 80
		AB35W07015080	7 x 15 x 80
		AB35W07030080	7 x 30 x 80
		AB35W07100080	7 x 100 x 80
		AB35W07120080	7 x 120 x 80
		AB35W07150080	7 x 150 x 80
		AB35W07200080	7 x 200 x 80
		AB35W08030080	8 x 30 x 80
		AB35W09030080	9 x 30 x 80
		AB35W10030080	10 x 30 x 80
		AB35W10060080	10 x 60 x 80
		AB35W12060080	12 x 60 x 80
		AB35W05020040	5 x 20 x 40
		AB35W05030040	5 x 30 x 40
		AB35W05040040	5 x 40 x 40
		AB35W05060040	5 x 60 x 40
		AB35W05080040	5 x 80 x 40
		AB35W05120040	5 x 120 x 40
		AB35W06020040	6 x 20 x 40
AB35W06040040	6 x 40 x 40		
AB35W06080040	6 x 80 x 40		
AB35W06120040	6 x 120 x 40		
AB35W07020040	7 x 20 x 40		
AB35W07040040	7 x 40 x 40		
AB35W07060040	7 x 60 x 40		
AB35W08020040	8 x 20 x 40		
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	NanoCross™ OTW PTA Dilatation Catheter	AB35W08040040	8 x 40 x 40
		AB35W08060040	8 x 60 x 40
		AB14W015020150	1.5 x 20 x 150
		AB14W020040150	2.0 x 40 x 150
		AB14W020080150	2.0 x 80 x 150
		AB14W020120150	2.0 x 120 x 150
		AB14W025040150	2.5 x 40 x 150
		AB14W025080150	2.5 x 80 x 150
		AB14W025120150	2.5 x 120 x 150
		AB14W030040150	3.0 x 40 x 150
AB14W030080150	3.0 x 80 x 150		

Balloon Angioplasty Catheters (PTA Balloons)

C-Code	Product Description	Item Number(s)	Item Description (Balloon Size–Diameter [mm] x Length [mm] x Shaft Length [cm])
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	NanoCross™ OTW PTA Dilatation Catheter	AB14W030120150	3.0 x 120 x 150
		AB14W035040150	3.5 x 40 x 150
		AB14W035080150	3.5 x 80 x 150
		AB14W035120150	3.5 x 120 x 150
		AB14W040040150	4.0 x 40 x 150
		AB14W040080150	4.0 x 80 x 150
		AB14W040120150	4.0 x 120 x 150
		AB14W015020090	1.5 x 20 x 90
		AB14W020040090	2.0 x 40 x 90
		AB14W020080090	2.0 x 80 x 90
		AB14W020120090	2.0 x 120 x 90
		AB14W025040090	2.5 x 40 x 90
		AB14W025080090	2.5 x 80 x 90
		AB14W025120090	2.5 x 120 x 90
		AB14W030040090	3.0 x 40 x 90
		AB14W030080090	3.0 x 80 x 90
		AB14W030120090	3.0 x 120 x 90
		AB14W035040090	3.5 x 40 x 90
		AB14W035080090	3.5 x 80 x 90
		AB14W035120090	3.5 x 120 x 90
		AB14W040040090	4.0 x 40 x 90
		AB14W040080090	4.0 x 80 x 90
		AB14W040120090	4.0 x 120 x 90
		AB14W020020150	2.0 x 20 x 150
		AB14W020150150	2.0 x 150 x 150
		AB14W020210150	2.0 x 210 x 150
		AB14W025020150	2.5 x 20 x 150
		AB14W025150150	2.5 x 150 x 150
		AB14W025210150	2.5 x 210 x 150
		AB14W030020150	3.0 x 20 x 150
		AB14W030150150	3.0 x 150 x 150
		AB14W030210150	3.0 x 210 x 150
		AB14W035020150	3.5 x 20 x 150
		AB14W035150150	3.5 x 150 x 150
		AB14W035210150	3.5 x 210 x 150
		AB14W040020150	4.0 x 20 x 150
		AB14W040150150	4.0 x 150 x 150
		AB14W040210150	4.0 x 210 x 150
		AB14W020020090	2.0 x 20 x 90

Balloon Angioplasty Catheters (PTA Balloons)

C-Code	Product Description	Item Number(s)	Item Description (Balloon Size–Diameter [mm] x Length [mm] x Shaft Length [cm])
C1725 Catheter, transluminal angioplasty, non-laser (may include guidance, infusion/perfusion capability)	NanoCross™ OTW PTA Dilatation Catheter	AB14W020150090	2.0 x 150 x 90
		AB14W020210090	2.0 x 210 x 90
		AB14W025020090	2.5 x 20 x 90
		AB14W025150090	2.5 x 150 x 90
		AB14W025210090	2.5 x 210 x 90
		AB14W030020090	3.0 x 20 x 90
		AB14W030150090	3.0 x 150 x 90
		AB14W030210090	3.0 x 210 x 90
		AB14W035020090	3.5 x 20 x 90
		AB14W035150090	3.5 x 150 x 90
		AB14W035210090	3.5 x 210 x 90
		AB14W040020090	4.0 x 20 x 90
		AB14W040150090	4.0 x 150 x 90
		AB14W040210090	4.0 x 210 x 90

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
C1876 Stent, non-coated/non-covered with delivery system	ParaMount™ Mini™ GPS™ Biliary Stent System- 0.014" Compatible	PMB4-5-14-80	5 x 14 x 80
C1876 Stent, non-coated/non-covered with delivery system	ParaMount™ Mini™ GPS™ Biliary Stent System- 0.018" Compatible	PMB4-5-18-80	5 x 18 x 80
		PMB4-5-21-80	5 x 21 x 80
		PMB4-6-14-80	6 x 14 x 80
		PMB4-6-18-80	6 x 18 x 80
		PMB4-6-21-80	6 x 21 x 80
		PMB4-7-14-80	7 x 14 x 80
		PMB4-7-18-80	7 x 18 x 80
		PMB4-7-21-80	7 x 21 x 80
		PMB8-5-14-80	5 x 14 x 80
		PMB8-5-18-80	5 x 18 x 80
		PMB8-5-21-80	5 x 21 x 80
		PMB8-6-14-80	6 x 14 x 80
		PMB8-6-18-80	6 x 18 x 80

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
		PMB8-6-21-80	6 x 21 x 80
		PMB8-7-14-80	7 x 14 x 80
		PMB8-7-18-80	7 x 18 x 80
		PMB8-7-21-80	7 x 21 x 80
C1876 Stent, non-coated/non-covered with delivery system	Visi-Pro™ Biliary Stent System – 80cm	PXB35-05-12-80	5 x 12 x 80
		PXB35-05-17-80	5 x 17 x 80
		PXB35-05-27-80	5 x 27 x 80
		PXB35-05-37-80	5 x 37 x 80
		PXB35-05-57-80	5 x 57 x 80
		PXB35-06-12-80	6 x 12 x 80
		PXB35-06-17-80	6 x 17 x 80
		PXB35-06-27-80	6 x 27 x 80
		PXB35-06-37-80	6 x 37 x 80
		PXB35-06-57-80	6 x 57 x 80
		PXB35-07-12-80	7 x 12 x 80
		PXB35-07-17-80	7 x 17 x 80
		PXB35-07-27-80	7 x 27 x 80
		PXB35-07-37-80	7 x 37 x 80
		PXB35-07-57-80	7 x 57 x 80
		PXB35-08-17-80	8 x 17 x 80
		PXB35-08-27-80	8 x 27 x 80
		PXB35-08-37-80	8 x 37 x 80
		PXB35-08-57-80	8 x 57 x 80
		PXB35-09-17-80	9 x 17 x 80
		PXB35-09-27-80	9 x 27 x 80
		PXB35-09-37-80	9 x 37 x 80
		PXB35-09-57-80	9 x 57 x 80
		PXB35-10-17-80	10 x 17 x 80
		PXB35-10-27-80	10 x 27 x 80
		PXB35-10-37-80	10 x 37 x 80
		PXB35-10-57-80	10 x 57 x 80
C1876 Stent, non-coated/non-covered with delivery system	Visi-Pro™ Biliary Stent System – 135cm	PXB35-05-17-135	5 x 17 x 135
		PXB35-05-27-135	5 x 27 x 135
		PXB35-05-37-135	5 x 37 x 135
		PXB35-05-57-135	5 x 57 x 135
		PXB35-06-17-135	6 x 17 x 135
		PXB35-06-27-135	6 x 27 x 135
		PXB35-06-37-135	6 x 37 x 135
		PXB35-06-57-135	6 x 57 x 135

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
C1876 Stent, non-coated/non-covered with delivery system	Visi-Pro™ Biliary Stent System – 135cm	PXB35-07-17-135	7 x 17 x 135
		PXB35-07-27-135	7 x 27 x 135
		PXB35-07-37-135	7 x 37 x 135
		PXB35-07-57-135	7 x 57 x 135
		PXB35-08-17-135	8 x 17 x 135
		PXB35-08-27-135	8 x 27 x 135
		PXB35-08-37-135	8 x 37 x 135
		PXB35-08-57-135	8 x 57 x 135
		PXB35-09-17-135	9 x 17 x 135
		PXB35-09-27-135	9 x 27 x 135
		PXB35-09-37-135	9 x 37 x 135
		PXB35-09-57-135	9 x 57 x 135
		PXB35-10-17-135	10 x 17 x 135
		PXB35-10-27-135	10 x 27 x 135
		PXB35-10-37-135	10 x 37 x 135
PXB35-10-57-135	10 x 57 x 135		
C1876 Stent, non-coated/non-covered with delivery system	PROTÉGÉ® RX Carotid Stent System	SECX-6-20-135	6 x 20 x 135
		SECX-6-30-135	6 x 30 x 135
		SECX-6-40-135	6 x 40 x 135
		SECX-6-60-135	6 x 60 x 135
		SECX-7-20-135	7 x 20 x 135
		SECX-7-30-135	7 x 30 x 135
		SECX-7-40-135	7 x 40 x 135
		SECX-7-60-135	7 x 60 x 135
		SECX-8-20-135	8 x 20 x 135
		SECX-8-30-135	8 x 30 x 135
		SECX-8-40-135	8 x 40 x 135
		SECX-8-60-135	8 x 60 x 135
		SECX-9-20-135	9 x 20 x 135
		SECX-9-30-135	9 x 30 x 135
		SECX-9-40-135	9 x 40 x 135
		SECX-9-60-135	9 x 60 x 135
		SECX-10-20-135	10 x 20 x 135
		SECX-10-30-135	10 x 30 x 135
		SECX-10-40-135	10 x 40 x 135
		SECX-10-60-135	10 x 60 x 135
C1876 Stent, non-coated/non-covered with delivery system	PROTÉGÉ® RX Carotid Tapered Stents	SECX-8-6-30-135	8-6 x 30 x 135
		SECX-8-6-40-135	8-6 x 40 x 135
		SECX-10-7-30-135	10-7 x 30 x 135

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
		SECX-10-7-40-135	10-7 x 40 x 135
C1876 Stent, non-coated/non-covered with delivery system	PROTÉGE [®] EverFlex™ Self-Expanding Nitinol Stent Biliary System 6F/0.035" Compatible	PRB35-06-020-080	6 x 20 x 80
		PRB35-06-030-080	6 x 30 x 80
		PRB35-06-040-080	6 x 40 x 80
		PRB35-06-060-080	6 x 60 x 80
		PRB35-06-080-080	6 x 80 x 80
		PRB35-06-100-080	6 x 100 x 80
		PRB35-06-120-080	6 x 120 x 80
C1876 Stent, non-coated/non-covered with delivery system	PROTÉGE [®] EverFlex™ Self-Expanding Nitinol Stent Biliary System 6F/0.035" Compatible	PRB35-06-150-080	6 x 150 x 80
		PRB35-06-020-120	6 x 20 x 120
		PRB35-06-030-120	6 x 30 x 120
		PRB35-06-040-120	6 x 40 x 120
		PRB35-06-060-120	6 x 60 x 120
		PRB35-06-080-120	6 x 80 x 120
		PRB35-06-100-120	6 x 100 x 120
		PRB35-06-120-120	6 x 120 x 120
		PRB35-06-150-120	6 x 150 x 120
		PRB35-07-020-080	7 x 20 x 80
		PRB35-07-030-080	7 x 30 x 80
		PRB35-07-040-080	7 x 40 x 80
		PRB35-07-060-080	7 x 60 x 80
		PRB35-07-080-080	7 x 80 x 80
		PRB35-07-100-080	7 x 100 x 80
		PRB35-07-120-080	7 x 120 x 80
		PRB35-07-150-080	7 x 150 x 80
		PRB35-07-020-120	7 x 20 x 120
		PRB35-07-030-120	7 x 30 x 120
		PRB35-07-040-120	7 x 40 x 120
		PRB35-07-060-120	7 x 60 x 120
		PRB35-07-080-120	7 x 80 x 120
		PRB35-07-100-120	7 x 100 x 120
		PRB35-07-120-120	7 x 120 x 120
		PRB35-07-150-120	7 x 150 x 120
		PRB35-08-020-080	8 x 20 x 80
		PRB35-08-030-080	8 x 30 x 80

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
C1876 Stent, non-coated/non-covered with delivery system	PROTÉGÉ® EverFlex™ Self-Expanding Nitinol Stent Biliary System 6F/0.035" Compatible	PRB35-08-040-080	8 x 40 x 80
		PRB35-08-060-080	8 x 60 x 80
		PRB35-08-080-080	8 x 80 x 80
		PRB35-08-100-080	8 x 100 x 80
		PRB35-08-120-080	8 x 120 x 80
		PRB35-08-150-080	8 x 150 x 80
		PRB35-08-020-120	8 x 20 x 120
		PRB35-08-030-120	8 x 30 x 120
		PRB35-08-040-120	8 x 40 x 120
		PRB35-08-060-120	8 x 60 x 120
		PRB35-08-080-120	8 x 80 x 120
		PRB35-08-100-120	8 x 100 x 120
		PRB35-08-120-120	8 x 120 x 120
		PRB35-08-150-120	8 x 150 x 120
		C1876 Stent, non-coated/non-covered with delivery system	PROTÉGÉ® GPS™ (BIGGS) Self-Expanding Biliary Stent System 6F/0.035" Compatible
SERB65-09-30-80	9 x 30 x 80		
SERB65-09-40-80	9 x 40 x 80		
SERB65-09-60-80	9 x 60 x 80		
SERB65-09-80-80	9 x 80 x 80		
SERB65-09-20-120	9 x 20 x 120		
SERB65-09-30-120	9 x 30 x 120		
SERB65-09-40-120	9 x 40 x 120		
SERB65-09-60-120	9 x 60 x 120		
SERB65-09-80-120	9 x 80 x 120		
SERB65-10-20-80	10 x 20 x 80		
SERB65-10-30-80	10 x 30 x 80		
SERB65-10-40-80	10 x 40 x 80		
SERB65-10-60-80	10 x 60 x 80		
SERB65-10-80-80	10 x 80 x 80		
SERB65-10-20-120	10 x 20 x 120		
SERB65-10-30-120	10 x 30 x 120		
SERB65-10-40-120	10 x 40 x 120		
SERB65-10-60-120	10 x 60 x 120		
SERB65-10-80-120	10 x 80 x 120		
	SERB65-12-20-80	12 x 20 x 80	

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
C1876 Stent, non-coated/non-covered with delivery system	PROTÉGÉ® GPS™ (BIGGS) Self-Expanding Biliary Stent System 6F/0.035" Compatible	SERB65-12-30-80	12 x 30 x 80
		SERB65-12-40-80	12 x 40 x 80
		SERB65-12-60-80	12 x 60 x 80
		SERB65-12-80-80	12 x 80 x 80
		SERB65-12-20-120	12 x 20 x 120
		SERB65-12-30-120	12 x 30 x 120
		SERB65-12-40-120	12 x 40 x 120
		SERB65-12-60-120	12 x 60 x 120
		SERB65-12-80-120	12 x 80 x 120
		SERB65-14-20-80	14 x 20 x 80
		SERB65-14-30-80	14 x 30 x 80
		SERB65-14-40-80	14 x 40 x 80
		SERB65-14-60-80	14 x 60 x 80
		SERB65-14-80-80	14 x 80 x 80
		SERB65-14-20-120	14 x 20 x 120
		SERB65-14-30-120	14 x 30 x 120
		SERB65-14-40-120	14 x 40 x 120
SERB65-14-60-120	14 x 60 x 120		
SERB65-14-80-120	14 x 80 x 120		
C1876 Stent, non-coated/noncovered with delivery system	PROTÉGÉ® GPS™ Self-Expanding Biliary Stent System 6F/0.018" Compatible	90-2464-020	6 x 20 x 135
		90-2464-024	6 x 30 x 135
		90-2464-028	6 x 40 x 135
		90-2464-032	6 x 60 x 135
		90-2464-036	6 x 80 x 135
		90-2464-021	7 x 20 x 135
		90-2464-025	7 x 30 x 135
		90-2464-029	7 x 40 x 135
		90-2464-033	7 x 60 x 135
		90-2464-037	7 x 80 x 135
		90-2464-022	8 x 20 x 135
		90-2464-026	8 x 30 x 135
		90-2464-030	8 x 40 x 135
		90-2464-034	8 x 60 x 135
		90-2464-038	8 x 80 x 135
		90-2464-023	9 x 20 x 135
		90-2464-027	9 x 30 x 135

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
		90-2464-031	9 x 40 x 135
C1876 Stent, non-coated/noncovered with delivery system	PRIMUS™ GPS™ Balloon-Expandable Biliary Stent System	90-2464-035	9 x 60 x 135
		90-2464-039	9 x 80 x 135
		90-2464-045	10 x 20 x 135
		90-2464-046	10 x 30 x 135
		90-2464-047	10 x 40 x 135
		90-2464-048	10 x 60 x 135
		90-2464-049	10 x 80 x 135
		BXB35-05-12-75	5 x 12 x 75
		BXB35-05-17-75	5 x 17 x 75
		BXB35-05-27-75	5 x 27 x 75
		BXB35-05-37-75	5 x 37 x 75
		BXB35-05-57-75	5 x 57 x 75
		BXB35-06-12-75	6 x 12 x 75
		BXB35-06-17-75	6 x 17 x 75
		BXB35-06-27-75	6 x 27 x 75
		BXB35-06-37-75	6 x 37 x 75
		BXB35-06-57-75	6 x 57 x 75
		BXB35-07-12-75	7 x 12 x 75
		BXB35-07-17-75	7 x 17 x 75
		BXB35-07-27-75	7 x 27 x 75
		BXB35-07-37-75	7 x 37 x 75
		BXB35-07-57-75	7 x 57 x 75
		BXB35-08-17-75	8 x 17 x 75
		BXB35-08-27-75	8 x 27 x 75
		BXB35-08-37-75	8 x 37 x 75
		BXB35-08-57-75	8 x 57 x 75
		BXB35-09-17-75	9 x 17 x 75
		BXB35-09-27-75	9 x 27 x 75
		BXB35-09-37-75	9 x 37 x 75
		BXB35-09-57-75	9 x 57 x 75
		BXB35-10-17-75	10 x 17 x 75
		BXB35-10-27-75	10 x 27 x 75
		BXB35-10-37-75	10 x 37 x 75
		BXB35-10-57-75	10 x 57 x 75
		BXB35-05-17-120	5 x 17 x 120
		BXB35-05-27-120	5 x 27 x 120
		BXB35-05-37-120	5 x 37 x 120
		BXB35-05-57-120	5 x 57 x 120

Stents, with Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [mm] x Catheter Length [cm]
C1876 Stent, non-coated/noncovered with delivery system	PRIMUS™ GPS™ Balloon-Expandable Biliary Stent System	BXB35-06-17-120	6 x 17 x 120
		BXB35-06-27-120	6 x 27 x 120
		BXB35-06-37-120	6 x 37 x 120
		BXB35-06-57-120	6 x 57 x 120
		BXB35-07-17-120	7 x 17 x 120
		BXB35-07-27-120	7 x 27 x 120
		BXB35-07-37-120	7 x 37 x 120
		BXB35-07-57-120	7 x 57 x 120
		BXB35-08-17-120	8 x 17 x 120
		BXB35-08-27-120	8 x 27 x 120
		BXB35-08-37-120	8 x 37 x 120
		BXB35-08-57-120	8 x 57 x 120
		BXB35-09-17-120	9 x 17 x 120
		BXB35-09-27-120	9 x 27 x 120
		BXB35-09-37-120	9 x 37 x 120
		BXB35-09-57-120	9 x 57 x 120
		BXB35-10-17-120	10 x 17 x 120
		BXB35-10-27-120	10 x 27 x 120
		BXB35-10-37-120	10 x 37 x 120
		BXB35-10-57-120	10 x 57 x 120

Stents, without Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Expanded Stent Sizes (except where noted) Diameter [mm] x Length [mm]
C1877 Stent, non-coated/noncovered without delivery system	IntraStent® LD DoubleStrut™ Biliary Stent	90-1431-000	S15-16, 3.8 X 16mm
		90-1431-001	S15-26, 3.8 X 26mm
		90-1431-002	S15-36, 3.8 X 36mm
		90-1431-003	S15-56, 3.8 X 56mm
		90-1431-004	S15-76, 3.8 X 76mm
	IntraStent® LD Mega™ Biliary Stent	90-2313-000	S17-16, 3.8 X 16mm
		90-2313-001	S17-26, 3.8 X 26mm
		90-2313-002	S17-36, 3.8 X 36mm
C1877 Stent, non-coated/noncovered without delivery system	IntraStent® LD Max™ Biliary Stent	90-2319-000	S18-16, 4.5 X 16 mm

Stents, without Delivery Systems

C-Code	Product Description	Item Number(s)	Item Description Expanded Stent Sizes (except where noted) Diameter [mm] x Length [mm]
C1877 Stent, non-coated/noncovered without delivery system	IntraStent [®] LD Max [™] Biliary Stent	90-2319-001	S18-26, 4.5 X 26 mm
		90-2319-002	S18-36, 4.5 X 36mm

Embololic Protection

C-Code	Product Description	Item Number(s)	Item Description Filter Diameter [mm] x Wire Length [cm]
C1884 Embolization Protective System	SpiderFX [™] Embololic Protection Device	SPD2-US-030-190	3 x 190
		SPD2-US-030-320	3 x 320
		SPD2-US-040-190	4 x 190
		SPD2-US-040-320	4 x 320
		SPD2-US-050-190	5 x 190
		SPD2-US-050-320	5 x 320
		SPD2-US-060-190	6 x 190
		SPD2-US-060-320	6 x 320
		SPD2-US-070-190	7 x 190
		SPD2-US-070-320	7 x 320

Guidewires

C-Code	Product Description	Item Number(s)	Item Description			
			Diameter (in)	Length (cm)	Tip Style	Tip Shape
C1769 Guidewire	NITREX [®] Guidewires	N140801	0.014	80	INT	A
		N141802	0.014	180	INT	A
		N143001	0.014	300	INT	A
		N180601	0.018	60	INT	S
		N180603	0.018	60	INT	S
		N180801	0.018	80	STD	S
		N180802	0.018	80	INT	A
		N181804	0.018	180	STD	S
		N181805	0.018	180	INT	A
		N181806	0.018	180	FLP	A
		N183001	0.018	300	STD	A

Guidewires						
C-Code	Product Description	Item Number(s)	Item Description			
			Diameter (in)	Length (cm)	Tip Style	Tip Shape
C1769 Guidewire	NITREX [®] Guidewires	N183002	0.018	300	INT	A
		N251801	0.025	180	INT	A
		N251802	0.025	180	STD	S
		N252601	0.025	260	INT	A
		N350801	0.035	80	INT	S
		N351451	0.035	145	INT	S
		N351452	.035P	145	INT	A
		N351453	0.035	145	FLP	A
		N351454	0.035	145	INT	S
		N351455	0.035	145	FLP	S
		N351803	.035P	180	INT	S
		N351804	0.035	180	INT	S
		N351805	0.035	180	STD	A
		N352601	0.035	260	INT	A
		N352602	0.035	260	FLP	S
		N352603	0.035	260	STD	A
		N352604	0.035	260	INT	S
		N353001	0.035	300	INT	S
		N354001	.035P	400	INT	S
		N354002	0.035	400	INT	S
C1769 Guidewire	The Babywire [™] Guidewires	BW1200	0.012	18	DBL ENDED	
		BW1201	0.012	50	DBL ENDED	

Guiding Catheters			
C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [cm] x Infusion Length [cm]
C1887 Catheter, guiding	Cragg-McNamara [®] Valved Infusion Catheter	41032 - 01	4F x 40 x 10
		41033 - 01	4F x 40 x 20
		41034 - 01	4F x 65 x 5 x 1
		41035 - 01	4F x 65 x 10
		41036 - 01	4F x 65 x 20
		41037 - 01	4F x 100 x 5
		41038 - 01	4F x 100 x 10
		41039 - 01	4F x 100 x 20

Guiding Catheters

C-Code	Product Description	Item Number(s)	Item Description Diameter [mm] x Length [cm] x Infusion Length [cm]
C1887 Catheter, guiding	Cragg-McNamara® Valved Infusion Catheter	41040 - 01	4F x 135 x 5
		41041 - 01	4F x 135 x 10
		41042 - 01	4F x 135 x 20
		41043 - 01	5F 40 x 5 x 1
		41044 - 01	5F 40 x 10
		41045 - 01	5F 40 x 20
		41046 - 01	5F 65 x 5 x 1
		41047 - 01	5F 65 x 10
		41048 - 01	5F 65 x 20
		41049 - 01	5F 100 x 5
		41050 - 01	5F x 100 x 10
		41051 - 01	5F x 100 x 20
		41052 - 01	5F x 100 x 30
		41053 - 01	5F x 100 x 40
		41054 - 01	5F x 100 x 50
		41055 - 01	5F x 135 x 5
		41056 - 01	5F x 135 x 10
		41057 - 01	5F x 135 x 20
		41058 - 01	5F x 135 x 30
		41059 - 01	5F x 135 x 40
		41060 - 01	5F x 135 x 50
C1887 Catheter, guiding	MicroMewi™ Sidehole Infusion Catheter	41063 - 01	2.9F x 150 x 5
		41064 - 01	2.9F x 150 x 10
		41066 - 01	2.9F x 180 x 5
		41067 - 01	2.9F x 180 x 10
C1887 Catheter, guiding	Prostream® Multiple Sidehole Infusion Catheter	41272 - 01	0.35" x 145 x 6
		41273 - 01	0.35" x 145 x 9
		41274 - 01	0.35" x 145 x 12
		41276 - 01	0.35" x 175 x 6
		41277 - 01	0.35" x 175 x 9
		41278 - 01	0.35" x 175 x 12
C-1887 Catheter, guiding	Rebar® 18 Reinforced Microcatheter	105-5081-110	2.8 – 2.3F
		105-5081-130	2.8 – 2.3F
		105-5081-153	2.8 – 2.3F
		105-5081-153	2.8 – 2.3F

Introducer Sheath

C-Code	Product Description	Item Number(s)	Item Description
C1894 Introducer/Sheath, other than guiding, intracardiac electrophysical, non x laser	PBCT Accessory - Introducer Sheath	41077-01	6F, 5.5 cm length

Neurovascular

C-code / Product Cross-Reference Table

Product Category	Device C –Code	C - Code Long Description	Product Cross Reference
Guide wires	C1769	Guide wire	<ul style="list-style-type: none"> • SilverSpeed® Guidewires • X-Pedion™ Guidewires • X-Celerator™ Guidewires • Mirage™ .008 Guidewires
Guiding catheters	C1887	Catheter, guiding (may include infusion/perfusion capability)	<ul style="list-style-type: none"> • Rebar® Reinforced Microcatheter • Nautica™ 14 XL Microcatheter • Echelon™ Microcatheter • Marathon™ Flow Directed Microcatheter • UltraFlow™ Flow Directed Microcatheter
Balloon Catheters	C2628	Catheter, occlusion	<ul style="list-style-type: none"> • HyperForm™ Occlusion Balloon Catheter • HyperGlide™ Occlusion Balloon Catheter

Guidewires			
C-Code	Product Description	Item Number(s)	Item Description Diameter [in] x Length [cm]
C1769 Guide Wire	SilverSpeed® Guidewires	103-0601-200	.014" x 175
		103-0602-175	.010" x 200
		103-0602-200	.014" x 200
		103-0603-200	.016" x 200
	X-Pedion™ Guidewires	103-0605-200	.010" x 200
		203-0602-200	.014" x 200
	X-Celerator™ Guidewires	103-0601-300	.010" x 300
		103-0602-300	.014" x 300
	Mirage™ .008 Guidewire	103-0608	.008" x 200

Microcatheters						
C-Code	Product Description	Item Number(s)	Item Description Proximal OD/Distal OD x Usable Length [cm]			
C1887 Catheter, guiding (May include infusion/ perfusion capability)	Rebar [®] Reinforced Microcatheter	105-5078-153	2.3F / 1.7F x 153			
		105-5080-153	2.4F / 1.9F x 153			
		105-5081-130	Rebar-18,130cm			
		105-5081-153	Rebar-18, 153cm			
		105-5082-130	Rebar -027, 130cm			
		105-5082-145	Rebar-027, 145cm			
		105-5083-153	Rebar-18, 153cm			
	Nautica [™] 14 XL Microcatheter	105 - 5094 - 153	2.8F / 2.2F x 153			
	Echelon [™] Microcatheter	Item Number(s)	Prox OD	Distal OD	Tip Config	
		145 x 5091 x 150	2.1F	1.7F	Straight	
		145 x 5092 x 150	2.4F	1.9F	Straight	
		190 x 5091 x 150	2.1F	1.7F	45	
		190 x 5092 x 150	2.4F	1.9F	45	
		105 x 5091 x 150	2.1F	1.7F	90	
		105 x 5092 x 150	2.4F	1.9F	90	
	Marathon [™] Flow Directed Microcatheter	105 - 5055	2.7F	1.3F	25	
	UltraFlow [™] Flow Directed Microcatheter	105 x 5065	3.0F	1.5F	35	
		105 - 5066	3.0F	1.5F	42	

Balloon Catheters			
C-Code	Product Description	Item Number(s)	Item Description Balloon Diameter (mm) x Length (mm)
C2628, Catheter, occlusion	HyperForm [™] Occlusion Balloon Catheter	104 x 4470	4 x 7
		104 x 4770	7 x 7
	HyperGlide [™] Occlusion Balloon Catheter	104 x 4112	4 x 10
		104 x 4113	4 x 15
		104 x 4127	4 x 20
		104 x 4132	4 x 30

The following Neurovascular products are used in procedures that are considered inpatient only procedures under the Hospital Outpatient Prospective Payment System, therefore, no C-code is required for hospital outpatient reporting. Should a HCPCS code be required, A4649 (unlisted supply) is appropriate.

- Onyx[®] Liquid Embolic System
- NXT[™] Detachable Coils
- Nexus[™] Detachable Coils
- Axium[™] Detachable Coil System

References

- 1 Source: <http://www.cms.hhs.gov/HospitalOutpatientPPS/>
- 2 Source: Consolidated Device Edits, www.cms.hhs.gov/HCPCSReleaseCodeSets/02_HCPCS_Quarterly_Update.
3. Source: Ingenix 2009 HCPCS Code Book

Appendix – Product Indications

The Babywire™ Double Ended Nitinol Guidewire is intended for assisting in the placement of initial catheters and/or exchange in the small vessel anatomy. The Babywire guidewire is compatible with a 24-gage needle or 2.0F catheter.

The Cragg-McNamara® Infusion Catheter is indicated for use in the controlled selective infusion of physical-specific pharmacological agents or radiopaque contrast media into the general vasculature.

The Echelon™ Micro Catheter is intended to access peripheral and neuro vasculature for the controlled selective infusion of physician specified therapeutic agents such as embolization materials and of diagnostic materials such as contrast media.

The Evercross™ PTA Dilatation Catheter is intended to dilate stenosis in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, and renal arteries, and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae. This device is also indicated for stent post-dilatation in the peripheral vasculature.

The HELIX™ THE CLOT BUSTER® Thrombectomy Device is intended for use in the mechanical dissolution of acute and subacute thrombus within synthetic dialysis grafts and native vessel dialysis fistulae.

The HyperForm™ Occlusion Balloon is indicated for use in the blood vessels of the peripheral and neuro vasculature where temporary occlusion is desired. The products offer a vessel selective technique of temporary vascular occlusion, which is useful in selectively stopping or controlling blood flow.

The HyperGlide™ Occlusion Balloon is indicated for use in the blood vessels of the peripheral and neuro vasculature where temporary occlusion is desired. The products offer a vessel selective technique of temporary vascular occlusion, which is useful in selectively stopping or controlling blood flow.

The IntraStent® LD DoubleStrut™ Stent is intended as a palliative treatment of malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

The IntraStent® LD Max™ Stent is intended as a palliative treatment of malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

The IntraStent® LD Mega™ Stent is intended as a palliative treatment of malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

Marathon™ Flow Directed Microcatheter is intended to access peripheral and neuro vasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolization materials and of diagnostic materials such as contrast media.

The MicroMewi® Infusion Catheter is indicated for use in controlled selective infusion of physical-specific pharmacological agents or radiopaque contrast media into the general vasculature.

The Mirage Guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

The NanoCross™ PTA Dilatation Catheter is intended to dilate stenosis in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, and renal arteries, and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae.

The Nautica™ 14 XL intended to access peripheral and neuro vasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolization materials and of diagnostic materials such as contrast media. Not intended for use in the coronary vasculature.

NITREX™ Guidewire - The 0.014" (0.36 mm) and 0.018" (0.46 mm) diameter NITREX guidewires are intended for use in the peripheral and coronary vasculature. The 0.025" (0.64 mm) and 0.035" (0.89 mm) diameter guidewires are indicated for use in the peripheral vasculature.

The ParaMount™ Mini GPS™ Balloon-Expandable Biliary Stent System is intended as a palliative treatment for malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

The PRIMUS™ GPS™ Biliary Stent System™ is intended as a palliative treatment for malignant neoplasms in the biliary tree.

ProStream® Infusion Wire is indicated for use in the controlled selective infusion of physical-specific pharmacological agents or radiopaque contrast media into the general vasculature.

The PROTÉGÉ® EverFlex™ Self-Expanding Biliary Stent is intended as a palliative treatment of malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

The PROTÉGÉ® GPS™ Self-Expanding Biliary Stent is intended as a palliative treatment of malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

The PROTÉGÉ® RX Carotid Stent System when used in conjunction with the ev3 embolic protection systems, is indicated for the treatment of patients at high risk for adverse events from carotid endarterectomy who require percutaneous carotid revascularization and meet the following criteria: 1. Patients with carotid artery stenosis ($\geq 50\%$ for symptomatic patients by ultrasound or angiography or $\geq 80\%$ for asymptomatic patients by ultrasound or angiography) of the Common or Internal Carotid Artery, AND 2. Patients must have a reference vessel diameter within the range of 4.5 mm and 9.5 mm at the target lesion. CONTRAINDICATIONS: Use of the PROTÉGÉ RX Carotid Stent System is contraindicated under these circumstances: Patients in whom anticoagulant, antiplatelet therapy or thrombolytic drugs is contraindicated; patients with vascular tortuosity or anatomy, which precludes the safe introduction of the sheath, guide catheter, embolic protection system, or stent system; patients with known hypersensitivity to nickel-titanium; patients with uncorrected bleeding disorders; lesions in the ostium of the common carotid artery. WARNING: Only physicians who have received appropriate training and are familiar with the principles, clinical applications, complications, side effects and hazards commonly associated with carotid interventional

procedures should use this device.

The Rebar[®] Microcatheter is intended to access peripheral and neuro vasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolization materials and of diagnostic materials such as contrast media.

The Rinspirator[®] Thrombus Removal System is used to simultaneously rinse with physician-specified therapeutic fluids and aspirate thrombi and debris from coronary and peripheral arterial vessels.

The SilverHawk[®] Peripheral Plaque Excision System is intended for use in atherectomy of the peripheral vasculature. The catheter is not intended for use in the coronary, carotid, iliac or renal vasculature.

The SilverSpeed[™] Guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

SpiderFX[™] Carotid Indication: The SpiderFX Embolic Protection Device is indicated for use as a guidewire and embolic protection system to contain and remove embolic material (thrombus/debris) while performing angioplasty and stenting procedures in carotid arteries. The diameter of the artery at the site of the filter basket placement should be between 3.0 mm and 7.0 mm.

SpiderFX[™] SVG Indication: The SpiderFX Embolic Protection Device is indicated for use as an embolic protection system to contain and remove embolic material (thrombus/debris). The device also acts as the guidewire while performing percutaneous transluminal coronary angioplasty or stenting procedures in coronary saphenous vein bypass grafts with reference vessel diameters of 3.0 to 6.0 mm. The safety and effectiveness of this device as an embolic protection system has not been established in the cerebral or peripheral vasculature.

UltraFlow[™] Flow Directed Microcatheter is intended for the controlled selective infusion of physician-specified pharmacologic agents or contrast media into the distal vasculature of the peripheral and neuro anatomy. It is not intended for use in the coronary vasculature.

The Visi-Pro[™] Balloon-Expandable Biliary Stent System is intended as a palliative treatment for malignant neoplasms in the biliary tree. WARNING: The safety and effectiveness of this device for use in the vascular system have not been established.

The X-Celerator[™] Guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

The X-Pedion[™] Guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

The X-SIZER[®] System is a single - use, disposable catheter system indicated for the mechanical removal of thrombus in synthetic hemodialysis grafts.