ORDIN DE PLATA NR.: 132 TIP.DOC. 1

DATA EMITERII:20 octombrie 2022

PLATITI: 2700-00 LEI: Doua Mii Sapte Sute lei 00 bani

PLATITOR: (R) S.C. "OXIVIT-MED" S.R.L.
CONTUL DE PLATI/CODUL IBAN MD44ML000000002251729503
CODUL FISCAL :1007600044280 /

PRESTATORUL PLATITOR BC"Moldindconbank"S.A. fil."Invest" Chisinau
CODUL BANCII: :MOLDMD2X329:

BENEFICIAR (R) I.M.S.P. "Spitalul Clinic Republican Timofei Mosneaga"
CONTUL DE PLATI/CODUL IBAN MD57MO2251ASV96476607100
CODUL FISCAL :1003600150783 /

PRESTATORUL BENEFICIAR Mobiasbanca-OTP Group S.A.
CODUL BANCII: :MOBBMD22 :

DESTINATIA PLATII:Pentru garantia pentru: oferta la procedura de achizi?ie public: a nr. ocds-b3wdp1-MD-1665063473182 din 21.10.2022

TIPUL TRANSFERULUI NORMAL/URGENT :N:

L.S.

CODUL TRANZACTIEI:001
DATA PRIMIRII:20/10/2022
DATA EXECUTARII:

SEMNATURILE EMITENTULUI

CONDUCATOR:Web Kojevnikov Dmitrii

MIIGfAYJKoZIhvcNAQcCoIIGbTCCBmkCAQExCzAJBgUrDgMCGgUAMAsGCSqGSIb3:
DQEHAaCCBIUwggSBMIIDaaADAgECAhNHAACEjCA/4xcrKCbfAAAAAISMMA0GCSqG:
SIb3DQEBCwUAMCIxIDAeBgNVBAMTF0NFUlQxLUNBLU1vbGRpbmRjb25iYW5rMB4X:
DTIwMDMxNjA4NDUwM1oXDTIzMDMxNjA4NTUwM1owgbgxCzAJBgNVBAYTAk1EMRow:
YDVQQIExFSZXB1YmxpY2EgTW9sZG92YTERMA8GA1UEBxMIQ2hpc2luYXUxFzAV

(semnatura electronica)

CONTABIL-SEF:Web Kojevnikov Dmitrii

MIIGfAYJKoZIhvcNAQcCoIIGbTCCBmkCAQExCzAJBgUrDgMCGgUAMAsGCSqGSIb3:
DQEHAaCCBIUwggSBMIIDaaADAgECAhNHAACEjCA/4xcrKCbfAAAAAISMMA0GCSqG:
SIb3DQEBCwUAMCIxIDAeBgNVBAMTF0NFUlQxLUNBLU1vbGRpbmRjb25iYW5rMB4X:
DTIwMDMxNjA4NDUwM1oXDTIzMDMxNjA4NTUwM1owgbgxCzAJBgNVBAYTAk1EMRow:
YDVQQIExFSZXB1YmxpY2EgTW9sZG92YTERMA8GA1UEBxMIQ2hpc2luYXUxFzAV

L.S.

(semnatura electronica)

CONDUCATOR: _____

(semnatura manuala)

CONTABIL-SEF: _____

(semnatura manuala)

SEMNATURA PRESTATORUL _____

L.S.

MOTIVUL REFUZULUI

L.S.

Digitally signed by Kojevnikov Dmitrii
Date: 2022.10.20 16:07:43 EEST
Reason: MoldSign Signature
Location: Moldova

MOBIAS BANCA

Nr. 12101-304

18.03.2016

CERTIFICAT
PRIVIND EXISTENTA CONTURILOR CURENTE

Prin prezentul, **BC „Mobiasbancă – Groupe Societe Generale" S.A.**, codul băncii (BIC): **MOBBMD22**, confirmă că compania **OXIVIT-MED SRL**, cod fiscal (IDNO) **1007600044280,** deține următoarele conturi curente la BC "Mobiasbancă-Groupe Societe Generale" S.A., Filiala. 1 Stejaur :

1. **MDL - 2224710SV23488147100; IBAN- MD09MO2224ASV23488147100**
2. **EUR - 2224710SV22227957100; IBAN- MD17MO2224ASV22227957100**
3. **USD - 2224710SV22214937100; IBAN- MD86MO2224ASV22214937100**

Certificatul este emis în baza cererii întreprinderii: Oxivit-Med SRL.

L.Ș.

Dumitru Popa
Director filială „Stejaur"

Executor : Mariana Guzun
Tel: 022 812 614

Filiala Nr. 1 „Stejaur"
Bd. Ştefan cel Mare şi Sfânt 196
MD-2004, Chişinău, Moldova
Cod MOBBMD22
Cont de corespondenţă 35213892
la Centrul de Decontări al BNM

Tel. +373 22 81 26 15
Fax. +373 22 81 26 15
www.mobiasbanca.md

BC „Mobiasbancă – Groupe Société Générale" SA
Capital Social: 100 000 000 MDL
Număr de înregistrare de stat - 1002600006089
Sediul Central:
bd. Ştefan cel Mare şi Sfânt 81a
MD-2012, Chişinău, Moldova

GROUPE SOCIETE GENERALE

REPUBLICA MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

Societatea Comercială "OXIVIT-MED" S.R.L.

ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT

Numărul de identificare de stat - codul fiscal

1007600044280

Data înregistrării **30.07.2007**

Data eliberării **30.07.2007**

Bordeianu Tatiana, registrator de stat

Funcția, numele, prenumele persoanei care a eliberat certificatul

semnătura

CAMERA ÎNREGISTRĂRII DE STAT A REPUBLICII MOLDOVA L.Ș.

MD 0067985

I.P. "AGENŢIA SERVICII PUBLICE"

Departamentul înregistrare şi licenţiere a unităţilor de drept

EXTRAS

din Registrul de stat al persoanelor juridice

nr. **8871** din **05.05.2021**

Denumirea completă: **Societatea Comercială «OXIVIT-MED» S.R.L.**
Denumirea prescurtată: **S.C. «OXIVIT-MED» S.R.L.**
Forma juridică de organizare: **Societate cu Răspundere Limitată.**
Numărul de identificare de stat şi codul fiscal: **1007600044280.**
Data înregistrării de stat: **30.07.2007.**
Sediul: **MD-2032, bd. Decebal, 82, ap.(of.) 90, mun. Chişinău, Republica Moldova.**
Modul de constituire: **nou creată.**
Obiectul principal de activitate:
1 Importul, fabricarea, comercializarea, asistenţa tehnică şi (sau) reparaţia dispozitivelor medicale şi (sau) a opticii;
2 Comerţul cu ridicata al parfumurilor şi produselor cosmetice;
3 Comerţul cu amănuntul al produselor cosmetice şi de parfumerie, articolelor de toaletă;
4 Intermedieri pentru vînzarea unui asortiment larg de mărfuri;
5 Alte tipuri de comerţ cu amănuntul în magazine nespecializate;
6 Alte tipuri de comerţ cu ridicata;
7 Închirierea altor maşini şi echipamente.
Capitalul social: **5400** lei.
Administrator: KOJEVNIKOV DMITRII, IDNP 0972305012362,
Asociaţi:
1. KOJEVNIKOV DMITRII , IDNP 0972305012362
cota 5400.00 lei, ce constituie 100 %.

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice şi a întreprinzătorilor individuali şi confirmă datele din Registrul de stat la data de: 05.05.2021.

Specialist coordonator
tel. 022-207-840
Lazari Aliona

c/f: 1007600044280; adresa: str. Decebal 82-90, or. Chișinău, Republica Moldova
telefon: + 373 22 808002; fax: + 373 22 808003
web: www.oxivit-med.com; e-mail:info@oxivit-med.com

Lista fondatorilor companiei SRL „Oxivit-Med”

Nr.	Numele, Prenumele	Codul Personal
1	Kojevnikov Dmitrii	0972305012362

By Royal Charter

EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

No. **CE 84868**

Issued To: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis, MN 55432
USA

In respect of:

The design, development and manufacture of sterile Endoluminal Stent Grafts, sterile Securement Devices and Delivery Systems for Endovascular Indications, sterile Vascular Introducer Sheaths, sterile Stent Graft Balloon Catheters, sterile Coronary Stents and Delivery Systems, Sterile Intravascular Catheters and sterile/non-sterile Catheter Systems for Renal Denervation.

on the basis of our examination of the quality assurance system under the requirements of Council Directive 93/42/EEC, Annex II excluding section 4. The quality assurance system meets the requirements of the directive. For the placing on the market of class III products an Annex II section 4 certificate is required.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 2797):

Gary E Slack, Senior Vice President Medical Devices

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

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EC Certificate - Full Quality Assurance System

Supplementary Information to CE 84868

Issued To:

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Number	Device Name	Intended purpose per IFU
Class III products under the scope of CE 84868		
N/A	Attain Clarity Venogram Balloon Catheter	See CE 593123
N/A	Driver Sprint Rapid Exchange Coronary Stent System	See CE 545439
N/A	Endeavor Resolute Zotarolimus-Eluting Coronary Stent System Resolute Integrity Zotarolimus-Eluting Coronary Stent System	See CE 514336
N/A	Endeavor Sprint Zotarolimus-Eluting RX Coronary Stent System	See CE 86406
N/A	Endurant™ Stent Graft System Endurant™ II Stent Graft System Endurant™ IIs Stent Graft System	See CE 559659
N/A	Euphora Rapid Exchange Balloon Dilatation Catheter	See CE 622066
N/A	Heli-FX™ EndoAnchor™ Systems	See CE 669930
N/A	IN.PACT Admiral (Paclitaxel-coated PTA Balloon Catheter)	See CE 570280

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

EC Certificate - Full Quality Assurance System

Supplementary Information to CE 84868

Issued To:

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Number	Device Name	Intended purpose per IFU
Class III products under the scope of CE 84868		
N/A	IN.PACT Falcon (Paclitaxel-eluting PTCA Balloon Catheter)	See CE 570282
N/A	IN.PACT Pacific (Paclitaxel-eluting PTA Balloon Catheter)	See CE 570281
N/A	Integrity Rapid Exchange Coronary Stent System	See CE 91271
N/A	Micra™ Introducer Sheath with Hydrophilic Coating	See CE 599898
N/A	NC Euphora Rapid Exchange Balloon Dilatation Catheter	See CE 612356
N/A	NC Solarice Rapid Exchange Balloon Dilatation Catheter	See CE 630635
N/A	NC Sprinter Rapid Exchange Balloon Dilatation Catheter	See CE 506473
N/A	Reliant Stent Graft Balloon Catheter	See CE 635936
N/A	Resolute Onyx Zotarolimus-Eluting Coronary Stent System	See CE 618060
N/A	Sentrant Introducer Sheath with Hydrophilic Coating	See CE 595294
N/A	Solarice Rapid Exchange Balloon Dilatation Catheter	See CE 630580
N/A	Sprinter Legend OTW Balloon Dilatation Catheter	See CE 547584

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

EC Certificate - Full Quality Assurance System

Supplementary Information to CE 84868

Issued To:

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Number	Device Name	Intended purpose per IFU
Class III products under the scope of CE 84868		
N/A	Sprinter Legend RX Balloon Dilatation Catheter	See CE 525652
N/A	Sprinter Over-the-Wire Balloon Dilatation Catheter	See CE 92065
N/A	Telescope Guide Extension Catheter	See CE 701802
N/A	Valiant Navion™ Thoracic Stent Graft System	See CE 702496
N/A	Valiant Thoracic Stent Graft with the Captivia Delivery System	See CE 554030

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

EC Certificate - Full Quality Assurance System

Supplementary Information to CE 84868

Issued To:

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Class IIb products under the scope of CE 84868		
GMDN #	**Device or Generic Device Group**	**Intended Purpose per IFU**
58893 (Catheter) 35156 (Generator)	Symplicity Spyral™ Multi-Electrode Renal Denervation Catheter & Symplicity G3™ Renal Denervation RF Generator	The Symplicity G3™ Renal Denervation RF Generator when used with the Symplicity Spyral™ Multi-Electrode Renal Denervation Catheter is intended to deliver low-level radio frequency (RF) energy through the wall of the renal artery to denervate the human kidney.

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

EC Certificate - Full Quality Assurance System

Supplementary Information to CE 84868

Issued To:

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Class IIb products under the scope of CE 84868		
GMDN #	**Device or Generic Device Group**	**Intended Purpose per IFU**
46777	Talent Endoluminal Occluder System	The Talent Endoluminal Occluder System is intended for endoluminal occlusion of the contralateral iliac artery in cases where an abdominal aortic aneurysm is treated with an aorto-uni-iliac stent graft and subsequent femoral-to-femoral bypass procedure

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

EC Certificate - Full Quality Assurance System

Supplementary Information to CE 84868

Issued To:

Medtronic, Inc.
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Class IIa products under the scope of CE 84868		
NBOG code	**Device or Generic Device Group**	**Intended Purpose per IFU**
MD0106	Confida™ Expandable Sheath	The Confida™ Expandable Sheath is intended to be inserted into the femoral artery, over a guidewire, and once expanded, to provide a guide for catheters or devices introduced into the femoral iliac arteries.

First Issued: **2004-08-24** Date: **2019-08-22** Expiry Date: **2024-05-26**

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By Royal Charter

EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No:	**CE 84868**
Date:	**2019-08-22**
Issued To:	**Medtronic, Inc.** **710 Medtronic Parkway** **Minneapolis, MN 55432** **USA**

Subcontractor:	**Service(s) supplied**
Invatec S.p.A. Via Martiri della Libertà 7 25030 Roncadelle (BS) Italy	**Manufacture**
Medistri SA Rte de L'Industrie 96 1564 Domdidier Switzerland	**ETO Sterilization**
Medtronic B.V. / E.O.C. Earl Bakkenstraat 10 6422 PJ Heerlen The Netherlands	**EU Representative**
Medtronic CoreValve LLC 1851 E. Deere Ave Santa Ana, CA 92705 USA	**Manufacture**

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EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No:	**CE 84868**
Date:	**2019-08-22**
Issued To:	**Medtronic, Inc.** **710 Medtronic Parkway** **Minneapolis, MN 55432** **USA**

Subcontractor:	**Service(s) supplied**
Medtronic Ireland Parkmore Business Park West Galway Ireland	**Design** **EU Representative** **Manufacture**
Medtronic Mexico EG Carret. Int. Km. 1969 Guad-Nogales Km. 2 85340 Empalme Sonora Mexico	**Manufacture**
Medtronic Mexico S. de R.L. de CV Av. Paseo Cucapah 10510 El Lago C.P. 22210 Tijuana, Baja California Mexico	**Manufacture**
Medtronic Vascular 3576 Unocal Place Santa Rosa California 95403 USA	**Design**

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EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No:	**CE 84868**
Date:	**2019-08-22**
Issued To:	**Medtronic, Inc.** **710 Medtronic Parkway** **Minneapolis, MN 55432** **USA**

Subcontractor:	**Service(s) supplied**
Phoenix DeVentures, Inc. 18655 Madrone Parkway Suite 180 Morgan Hill California 95037 USA	**Manufacture**
Plexus Corp. Pinnacle Hill Kelso TD5 8XX United Kingdom	**Manufacture**
Plexus Manufacturing Sdn. Bhd. Bayan Lepas Free Industrial Zone Phase II, 11900 Bayan Lepas Penang Malaysia	**Manufacture**

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EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No:	**CE 84868**
Date:	**2019-08-22**
Issued To:	**Medtronic, Inc.** **710 Medtronic Parkway** **Minneapolis, MN 55432** **USA**

Subcontractor:	**Service(s) supplied**
SSP-SiMatrix, Inc. 1131 North US Highway 93 Victor Montana 59875 USA	**Manufacture**
Sterigenics US, LLC 4900 Gifford Avenue Los Angeles California 90058 USA	**ETO Sterilization**
Surmodics, Inc. 9924 West 74th Street Eden Prairie Minnesota 55344 USA	**Crucial Supplier**

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EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No:	**CE 84868**
Date:	**2019-08-22**
Issued To:	**Medtronic, Inc.** **710 Medtronic Parkway** **Minneapolis, MN 55432** **USA**

Subcontractor:	**Service(s) supplied**
Synergy Health Ireland Ltd (Synergy Health - AST - Ireland) IDA Business & Technology Park Tullamore, Co. Offaly Ireland	**E Beam Sterilization** **ETO Sterilization**
Synergy Health Sterilisation UK Ltd (Synergy Health - AST - Daventry) Brunel Close Drayton Fields Industrial Estate Daventry NN11 8RB United Kingdom	**E Beam Sterilization**
Teleflex Medical Annacotty Business Park Annacotty Co. Limerick Ireland	**Manufacture**

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EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 84868**
Date: **2019-08-22**
Issued To: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Date	Reference Number	Action
24 August 2004		First Issued.
15 November 2004		Transfer of the following certificates from NSAI:- Q252.322, Q252.407, Q252.426, Q252.427, Q252.428, Q252.467, Q252.480, Q252.587, and Q252.611 D252.587 and D252.407, plus incorporation of Medtronic Vascular Ireland as a subcontract manufacturer.
02 December 2004		Carotid and Coronary Stents and Delivery Systems added to the scope (transfer) Medtronic Mexico (manufacture), and Titan Scan Systems, Nutec Corporation, Sterigenics (Queensbury), Steris Corporation-Isomedix Services (Sandy), Rocialle in Health (Mid Glamorgan UK), and EBIS Iotron added as sub-contract sterilizers.
21 December 2004		PTCA Balloon Dilatation Catheters added to the range of products manufactured (transferred from another Notified Body) and Isotron Ireland Ltd added as sub-contract sterilization site.
19 August 2005		Sterilization sub-contractor name change from Titan Scan Systems to Beam One.
03 April 2006		Addition of Sterigenics UK Ltd, as sterilization sub-contractor.
07 August 2006		Addition of AD)MEDES Schuessler GmbH as a sub-contractor for manufacture.

By Royal Charter

EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 84868**

Date: **2019-08-22**

Issued To: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Date	Reference Number	Action
11 January 2008	7149866	Subcontractor name change from EBIS Isotron, Harwell to Isotron Harwell. Addition of Isotron plc, Daventry as a subcontractor for E beam sterilization.
03 October 2008	7279045	Addition of Medtronic Mexico EG, Empalme as a subcontractor for manufacture.
14 April 2009	7341499	Correction of the legal name of the Medtronic Mexico facility and postcode for the Isotron PLC, Daventry facility. Addition of the activity of EU Representative for Medtronic Ireland.
13 August 2009	7432878	Certificate renewal. Addition of Accellant Inc as a manufacturing subcontractor, amendment to company name for Isotron PLC, Daventry, and Steris Corporation, Sandy, Utah. Change to address for the subcontractor, Nutek Corporation. Addition of E Beam Sterilization for Isotron Ireland. Rewording of scope for clarification purposes only.
29 July 2010	7546410	Added C.R. Bard, Inc. to the list of significant subcontractors for manufacturing. Extended the scope to include guidewires.
12 October 2011	7730209	Extension to scope to include Catheter Systems for Renal Denervation. Removal of Carotid Stents and Delivery Systems from the scope. Minor amendments to Isotron Daventry and Isotron Tullamore's addresses.

EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 84868**

Date: **2019-08-22**

Issued To: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Date	Reference Number	Action
26 January 2012	7792125	Amendment to significant subcontractors to reflect Isotron's name change to Synergy Health and removal of Isotron Harwell.
25 May 2012	7842435	Amendment to the address format and zip code for the significant subcontractor Medtronic Mexico (Tijuana).
19 December 2012	7915649	Addition of Medtronic B.V. The Netherlands for EU Representative Activities.
22 January 2013	7945194	Extension to scope to include Superficial Femoral Artery (SFA) and Proximal Popliteal Artery (PPA) Stents and Delivery Systems.
28 February 2013	7960715	Addition of Invatec Technology Center GmbH to the list of significant subcontractors for manufacturing activities.
28 March 2013	7943883	Extension to Scope to include Vascular Introducer Sheaths and the addition of Teleflex Medical for manufacturing activities.
16 December 2013	8082854	Addition of Plexus Manufacturing Sdn Bhd, Malaysia and Plexus Corp, UK to the list of significant subcontractors for manufacturing activities.
13 July 2014	8154862	Certificate Renewal. Various updates and changes to the list of significant subcontractors. Correction of the reference number for the reissue dated 19th December 2012 on the certificate history page.

EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 84868**
Date: **2019-08-22**
Issued To: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Date	Reference Number	Action
31 July 2015	8350802	Addition of SSP SiMATrix Inc. as balloon supplier for the Attain Clarity.
01 July 2016	8545838	C. R. Bard, Inc., Medtronic Ardian LLC, Nutek Corporation, Sterigenics NY and Apical Instruments Inc. were removed from the list of significant subcontractors.
09 October 2017	8696759	Certificate scope updated to add the design, development and manufacture of securement devices for endovascular indications.
01 May 2018	8895951	Specify devices covered in this certificate are sterile/non-sterile. Move 'sterile Vascular Introducer Sheaths' up in the scope after securement devices. Remove 'Renal Stents and Delivery Systems' and 'guidewires for diagnostic or interventional procedures' from scope. Correction to certificate history entry #2 from '2014' to '2004'.
06 March 2019	8786554	Traceable to NB 0086.

EC Certificate - Full Quality Assurance System Certificate History

Certificate No: **CE 84868**
Date: **2019-08-22**
Issued To: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis, MN 55432
USA

Date	Reference Number	Action
Current	9736517	Certificate Renewal. Added product table per MDP4500 Appendix A. Clarified addresses of subcontractors to exactly align with their ISO certificate name and address. Remove "sterile Iliac Stents and Delivery Systems, sterile Superficial Femoral Artery (SFA) and Proximal Popliteal Artery (PPA) Stents and Delivery Systems" from scope as the Complete SE product (iliac and vascular indications) is no longer manufactured nor in the distribution chain. Remove Assurant Cobalt product (iliac product scope) it is no longer manufactured and the last product builds expired in April 2019. Remove subcontractors – Admedes Schuessler GmbH, Germany, Flextronics Medical, Austria, Sterigenics, Corona, CA, Synergy Health, Ireland related to removed products above. Add subcontractors - Phoenix DeVentures, CA, Sterigenics, Los Angeles, CA, SurModics, MN and Medtronic, Santa Ana, CA related to new Class IIa product Confida Expandable Sheath.

Benannt durch/Designated by
Zentralstelle der Länder für Gesundheitsschutz bei Arzneimitteln und Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08

TÜV SÜD Product Service

EC Certificate

Full Quality Assurance System
Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)
(Devices in Class IIa, IIb or III)

No. G1 039709 1259 Rev. 00

Manufacturer: **Medtronic, Inc.**
710 Medtronic Parkway
Minneapolis MN 55432
USA

EC-Representative: **Medtronic Ireland**
Parkmore Business Park West, Galway, Ireland, IRELAND

Product Category(ies): **Temporary Occlusion and Aspiration System; Angioplasty and Angiography Products (Angiography Catheters, Guiding Catheters, Diagnostic Catheters, Guidewires, Introducers)**

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device categories in accordance with MDD Annex II. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of class III devices an additional Annex II (4) certificate is mandatory. See also notes overleaf.

Report No.: 72146095

Valid from: 2019-07-23
Valid until: 2024-05-26

Date, 2019-07-23

Stefan Preiß
Head of Certification/Notified Body

TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

Benannt durch/Designated by
Zentralstelle der Länder für Gesundheitsschutz bei Arzneimitteln und Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08

Product Service

EC Certificate

Full Quality Assurance System
Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)
(Devices in Class IIa, IIb or III)

No. G1 039709 1259 Rev. 00

Facility(ies):

Medtronic Vascular
37A Cherry Hill Drive, Danvers MA 01923, USA

TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

AORTIC PERIPHERAL AND VENOUS PRODUCT CATALOGUE

AORTIC

PERIPHERAL

VENOUS

Medtronic

Further, Together

AORTIC CONTENTS

STENT GRAFTS

ENDOANCHOR™ SYSTEMS

ANCILLARY

NEXT

PERIPHERAL
CONTENTS 1/3

DRUG COATED BALLOONS

STENT SYSTEMS

PTA BALLOONS

PERIPHERAL
CONTENTS 2/3

DIRECTIONAL ATHERECTOMY

HawkOne™

TurboHawk™

SilverHawk™

EMBOLIC PROTECTION DEVICES

Mo.Ma™ Ultra

SpiderFX™

CROSSING CATHETERS

TrailBlazer™ Support Catheter

TrailBlazer™ Angled Support Catheter

CTO DEVICES

Viance™

Enteer™

CATHETERS

Piton™ GC

Rebar™

THROMBUS MANAGEMENT

Cragg-McNamara™

MicroMewi™

ProStream™

PERIPHERAL
CONTENTS 3/3

GUIDEWIRES

SNARES

Y-CONNECTORS

VASCULAR EMBOLIZATION

VENOUS CONTENTS

ABRE™ VENOUS STENT

CLOSUREFAST™ PROCEDURE

PROCEDURE ACCESSORIES

VENASEAL™ SYSTEMS

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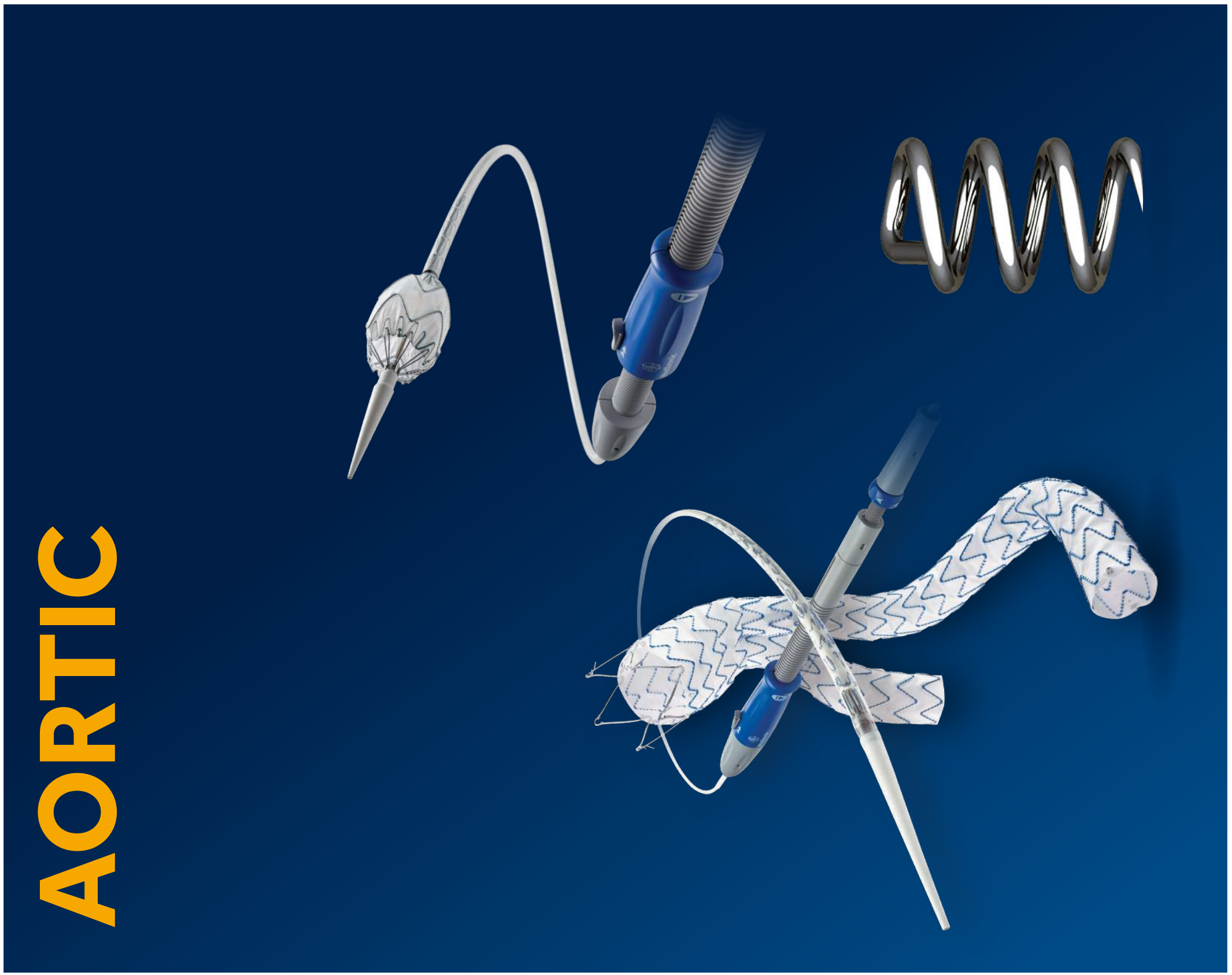
VENOUS



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STENT GRAFTS

Endurant™ II/IIs

AAA Stent Graft System

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Features*

Complete conformability, optimal seal

- M-shaped proximal stents provide wall apposition and a short sealing zone
- Suprarenal stent anchor pins provide secure fixation
- Limb stent and stent spacing reduce kinking

Total control, consistent precision

- Tip capture mechanism allows for precise positioning adjustments
- Back-end thumb wheel provides controlled release of the suprarenal stent and anchor pins
- Improved radiopacity provides increased visibility†
- Four proximal markers assist in accurate deployment
- E-shaped marker assists with A/P orientation

Durable build, dependable performance

- Ultra-high molecular weight polyethylene sutures are three times stronger than surgical sutures
- High-density multifilament polyester graft material provides low porosity
- Electropolished nitinol stents improve fatigue resistance

Expanded anatomical customization with Endurant™ IIs

- Endurant™ IIs complements the Endurant™ II AAA Stent Graft System

Low profile, easy access

- Low profile and hydrophilic coating enhance access and trackability
- Flexible, kink-resistant delivery system facilitates stent graft delivery

*Test data on file at Medtronic. Bench test results may not be indicative of clinical performance.

†Contralateral gate marker

Endurant™ II/IIs

AAA Stent Graft System

ENDURANT™ II PRODUCT CODE DESCRIPTION

ET	B	F	23	13	C	124	EE	18

Product Name
ET - Endurant™ II
ES - Endurant™ IIs

Device Configuration
B - Bifurcated
L - Contralateral Iliac Limb
E - Iliac Extension
C - Aortic Extension (Cuff)
T - Abdominal Tube
U - Aorto-Uni-Iliac (AUI)

Proximal Design
F - FreeFlo
W - Open Web

Proximal Graft Diameter

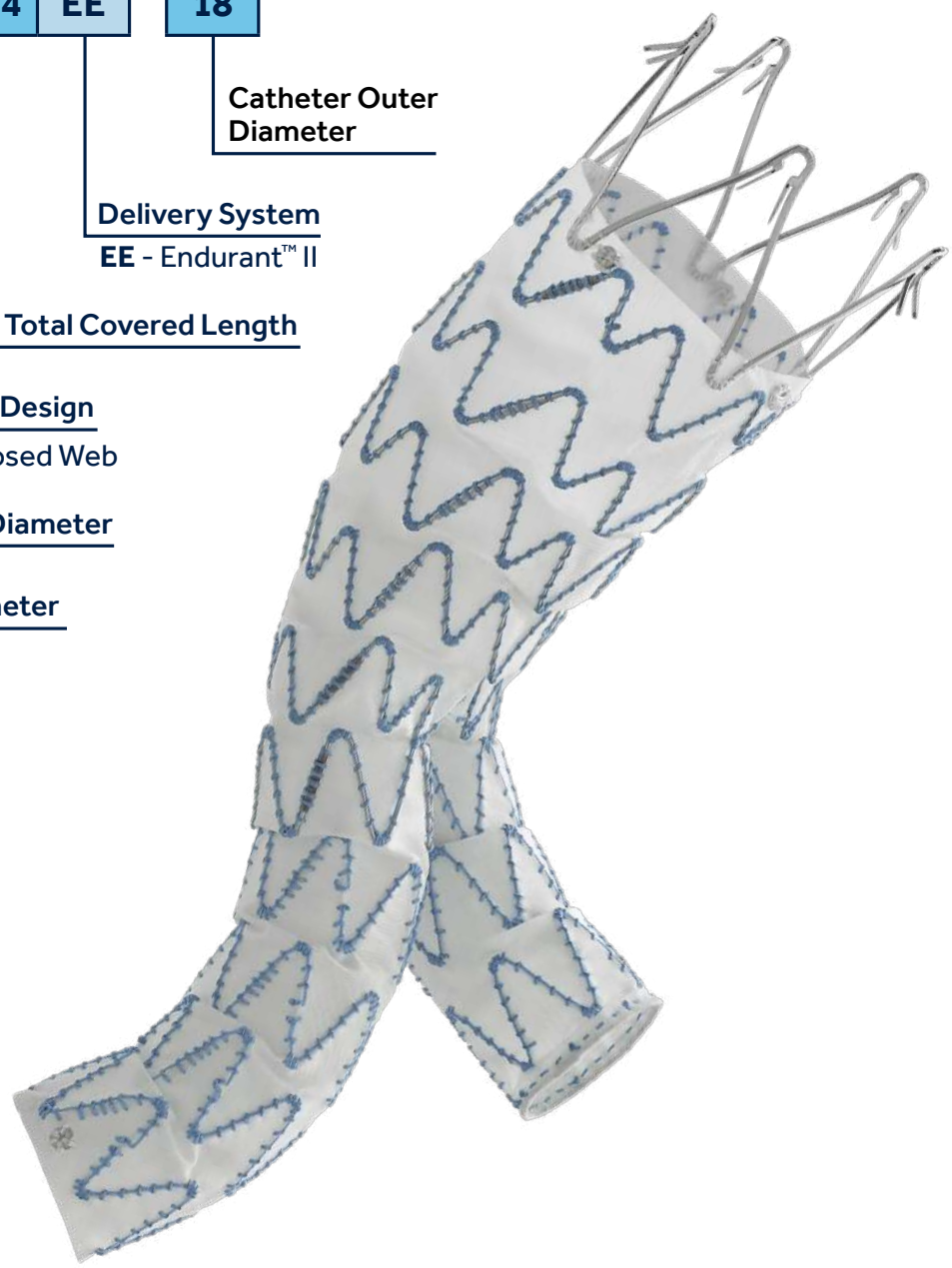
Distal Graft Diameter

Distal Design
C - Closed Web

Total Covered Length

Delivery System
EE - Endurant™ II

Catheter Outer Diameter



ENDURANT™ IIs BIFURCATIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ESBF	23	14	C	103	EE	18
ESBF	25	14	C	103	EE	18
ESBF	28	14	C	103	EE	18
ESBF	32	14	C	103	EE	20
ESBF	36	14	C	103	EE	20

Endurant™ II/IIs

AAA Stent Graft System

ENDURANT™ II BIFURCATIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETBF	23	13	C	124	EE	18
ETBF	23	13	C	145	EE	18
ETBF	23	13	C	166	EE	18
ETBF	23	16	C	124	EE	18
ETBF	23	16	C	145	EE	18
ETBF	23	16	C	166	EE	18
ETBF	25	13	C	124	EE	18
ETBF	25	13	C	145	EE	18
ETBF	25	13	C	166	EE	18
ETBF	25	16	C	124	EE	18
ETBF	25	16	C	145	EE	18
ETBF	25	16	C	166	EE	18
ETBF	28	13	C	124	EE	18
ETBF	28	13	C	145	EE	18
ETBF	28	13	C	166	EE	18
ETBF	28	16	C	124	EE	18
ETBF	28	16	C	145	EE	18
ETBF	28	16	C	166	EE	18
ETBF	28	20	C	124	EE	18
ETBF	28	20	C	145	EE	18
ETBF	28	20	C	166	EE	18
ETBF	32	16	C	124	EE	20
ETBF	32	16	C	145	EE	20
ETBF	32	16	C	166	EE	20
ETBF	32	20	C	124	EE	20
ETBF	32	20	C	145	EE	20
ETBF	32	20	C	166	EE	20
ETBF	36	16	C	145	EE	20
ETBF	36	16	C	166	EE	20
ETBF	36	20	C	145	EE	20
ETBF	36	20	C	166	EE	20

Endurant™ II/IIs

AAA Stent Graft System

LIMBS*

	Product Code							
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)	Total Contralateral Covered Length with EII / EIIs Bifurcated†	Total Ipsilateral Covered Length with EIIs Bifurcated‡
ETLW	16	10	C	82	EE	14	136	155
ETLW	16	10	C	93	EE	14	147	166
ETLW	16	10	C	124	EE	14	178	177–197
ETLW	16	10	C	156	EE	16	210	209–229
ETLW	16	10	C	199	EE	16	253	252–272
ETLW	16	13	C	82	EE	14	136	155
ETLW	16	13	C	93	EE	14	147	166
ETLW	16	13	C	124	EE	14	178	177–197
ETLW	16	13	C	156	EE	16	210	209–229
ETLW	16	13	C	199	EE	16	253	252–272
ETLW	16	16	C	82	EE	14	136	135–155
ETLW	16	16	C	93	EE	14	147	146–166
ETLW	16	16	C	124	EE	14	178	177–197
ETLW	16	16	C	156	EE	16	210	209–229
ETLW	16	16	C	199	EE	16	253	252–272
ETLW	16	20	C	82	EE	16	136	155
ETLW	16	20	C	93	EE	16	147	166
ETLW	16	20	C	124	EE	16	178	177–197
ETLW	16	20	C	156	EE	16	210	209–229
ETLW	16	20	C	199	EE	16	253	252–272
ETLW	16	24	C	82	EE	16	136	155
ETLW	16	24	C	93	EE	16	147	166
ETLW	16	24	C	124	EE	16	178	177–197
ETLW	16	24	C	156	EE	16	210	209–229
ETLW	16	24	C	199	EE	16	253	252–272
ETLW	16	28	C	82	EE	16	136	155
ETLW	16	28	C	93	EE	16	147	166
ETLW	16	28	C	124	EE	16	178	177–197
ETLW	16	28	C	156	EE	16	210	209–229
ETLW	16	28	C	199	EE	16	253	252–272

* The limb mates with the AUI stent graft on the ipsilateral side.

† These calculations assume the minimum 30 mm overlap between the bifurcated stent graft and the contralateral iliac limb per the Endurant™ II Stent Graft System Instructions For Use (IFU) When using the 124 mm length bifurcated stent graft, subtract 10 mm from total contralateral covered length with Bifurcated.

‡ The 3 – 5 stent overlap is available only with select limbs. Please refer to the Instructions For Use for more information. The contralateral iliac limb per the Endurant™ II Stent Graft System Instructions. For Use. When using the 124 mm length bifurcated stent graft, subtract 10 mm from total contralateral covered length with Bifurcated.

Endurant™ II/IIs

AAA Stent Graft System

ILIAC EXTENSIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETEW	10	10	C	82	EE	14
ETEW	13	13	C	82	EE	14
ETEW	20	20	C	82	EE	16
ETEW	24	24	C	82	EE	16
ETEW	28	28	C	82	EE	18

AORTIC EXTENSIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETCF	23	23	C	49	EE	18
ETCF	25	25	C	49	EE	18
ETCF	28	28	C	49	EE	18
ETCF	32	32	C	49	EE	20
ETCF	36	36	C	49	EE	20

ABDOMINAL TUBES

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETTF	23	23	C	70	EE	18
ETTF	25	25	C	70	EE	18
ETTF	28	28	C	70	EE	18
ETTF	32	32	C	70	EE	20
ETTF	36	36	C	70	EE	20

AUI

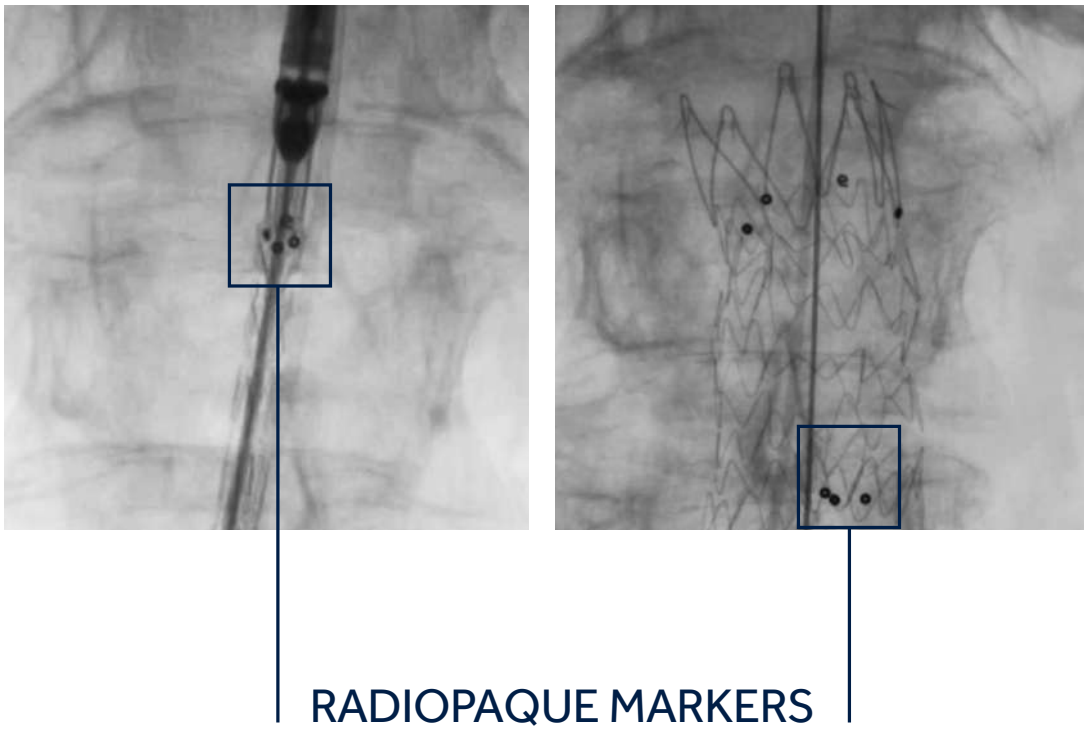
	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETUF	23	14	C	102	EE	18
ETUF	25	14	C	102	EE	18
ETUF	28	14	C	102	EE	18
ETUF	32	14	C	102	EE	20
ETUF	36	14	C	102	EE	20

Endurant™ II/IIs

AAA Stent Graft System

PLACEMENT AND SIZING GUIDELINES

Use the proximal radiopaque markers to position the top edge of the graft material.



E-SHAPED MARKER ASSISTS WITH A / P ORIENTATION

For the contralateral side: The radiopaque markers at the proximal limb should be aligned with the radiopaque markers at the flow divider of the Endurant™ II or Endurant™ IIs bifurs.

For the ipsilateral side: Depending on the limb configuration used, the radiopaque markers at the proximal end of the limb should be aligned to the distal radiopaque marker on the ipsilateral leg or the flow divider marker of the Endurant™ IIs bifur.

Select limbs will allow a 3-5 stent overlap adjustment during the case.

Please refer to the Instructions for Use for more information as needed.

Endurant™ II/IIs

AAA Stent Graft System

ENDURANT™ II/IIS STENT GRAFT SIZING GUIDELINES

Proximal Aortic Diameter (mm)		Proximal Stent Graft Size
Standard EVAR*	ChEVAR†	
19 - 20	n/a	23
21 - 22	19 - 20	25
23 - 25	21 - 23	28
26 - 28	24 - 26	32
29 - 32	27 - 30	36

Distal Iliac Diameter (mm)	Distal Stent Graft Size
8 - 9	10
10 - 11	13
12 - 14	16
15 - 18	20
19 - 22	24
23 - 25	28

Each Endurant™ II / IIs AAA Stent Graft System must be ordered in a size that is appropriate to fit the patient's anatomy.

Proper sizing of the Endurant™ II AAA Stent Graft System is the responsibility of the physician.

The above suggestions for stent graft diameters are based on vessel inner wall measurements.

*EVAR: Bifurs, Cuff, AUI, Tube configuation
†Limb. Iilac Extension configuration

Talent™ Occluder

Endovascular Occluder

Occluder Stent Graft

Double spring configuration

- Securely anchors in the iliac artery to seal the lumen and to prevent retrograde blood flow

Expand your options

- The Occluder is a less invasive option to surgical ligation and is reported to have better results than coil embolization*

*Kato, et al. Use of a self-expanding vascular occluder for embolization during endovascular aortic aneurysm repair. JVIR 8:27–33, 1997.

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Talent™ Occluder

Endovascular Occluder

TALENT OCCLUDER / PRODUCT CODE DESCRIPTION

OCL | **8**

Proximal / Distal Diameter

Device Configuration

OCL- Occluder

Product Code

	Proximal / Distal Diameter (mm)	Total Length (mm)	Catheter Diameter (F)
OCL	8	31	17.5
OCL	10	31	17.5
OCL	12	31	17.5
OCL	14	33	17.5
OCL	16	33	17.5
OCL	18	33	17.5
OCL	20	35	17.5
OCL	22	35	17.5
OCL	24	35	17.5

■ RADIOPAQUE MARKERS

OCCLUDER SYSTEM COMPONENT

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
19–20	24	4–5
18	22	4
16–17	20	3–4
14–15	18	3–4
13	16	3
11–12	14	2–3
9–10	12	2–3
7–8	10	2–3
6	8	2

Valiant Navion™

Thoracic Stent Graft System

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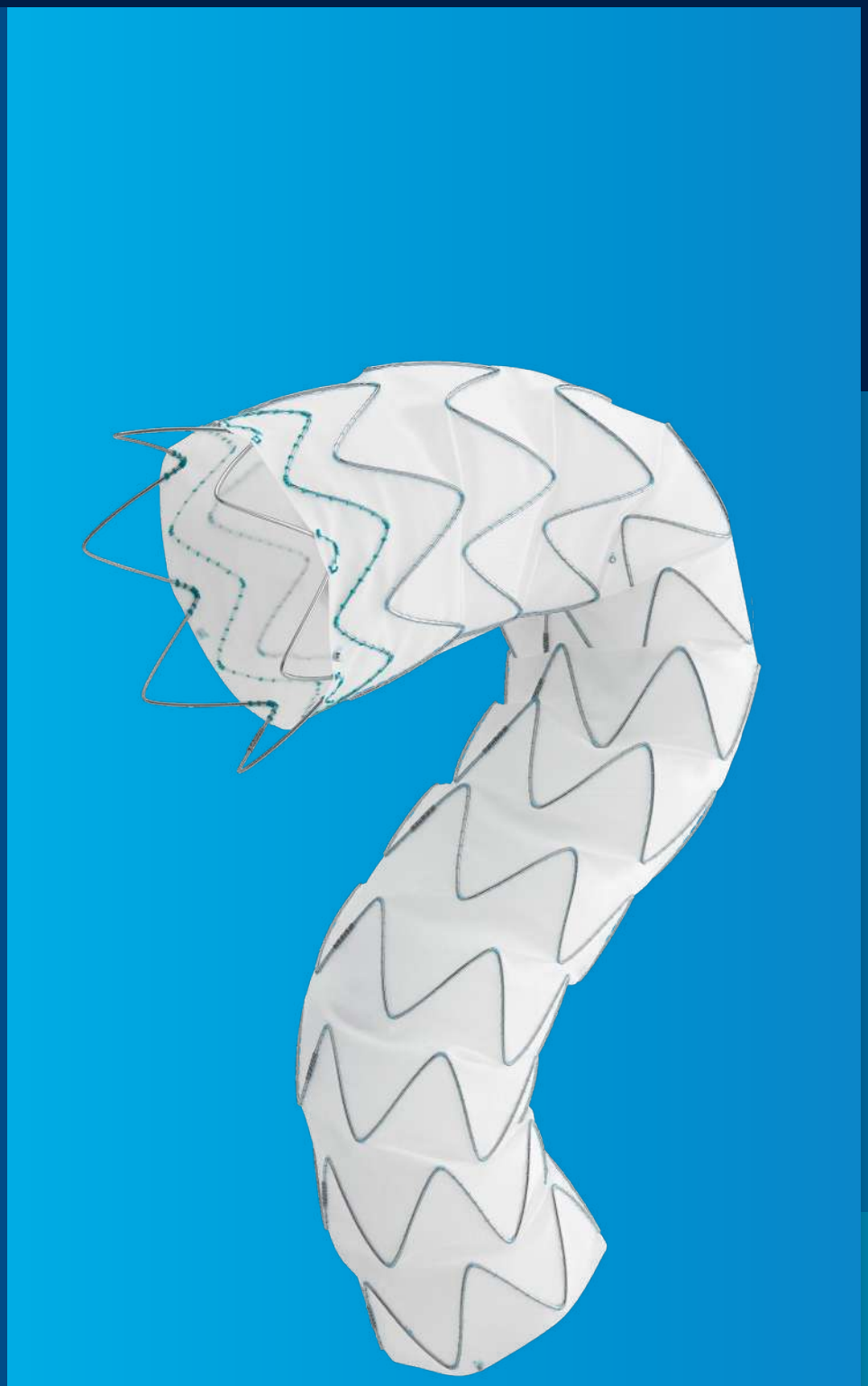
The freedom to do more
Low profile, easy-to-use delivery system designed for expanded access with smooth navigation

Features

Delivery System
- Tip Capture: for controlled delivery and deployment on both FreeFlo and CoveredSeal configurations
- Designed for simplified navigation: flexible, kink-resistant hydrophilic-coated catheter
- Shorter tapered tip designed to decrease vessel impact

Stent Graft
- Multi-filament thoracic graft material based on Endurant™ stent graft yarn designed for flexibility and superior permeability resistance
- Aligned stent peaks and valleys designed for increased flexibility throughout the stent graft
- Increased distance between stents designed to optimize migration resistance and conformability

Proven Platforms
- Leverages proven design of the Valiant™ and Endurant™ stent graft system platforms
- 100K+ thoracic and 300K abdominal patients treated*
- Over 20 years of endovascular experience with deep clinical history



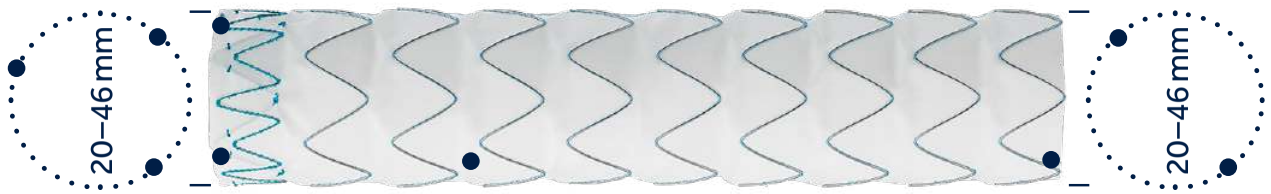
* Data on file at Medtronic.

Valiant Navion™

Thoracic Stent Graft System

COMPONENT GUIDE

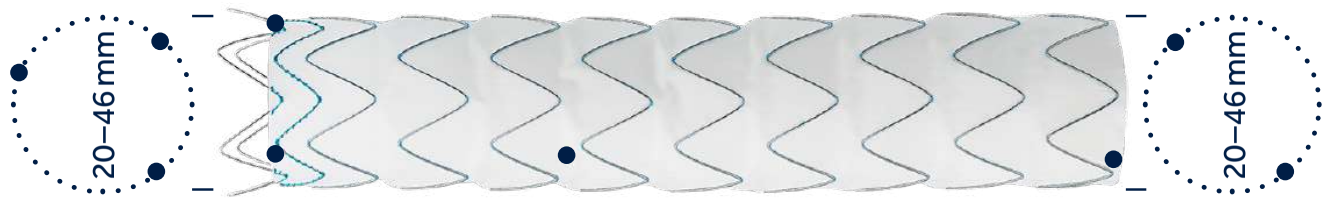
COVEREDSEAL TAPERED
186, 200 & 207 mm



COVEREDSEAL STRAIGHT
52-223 mm

10 mm
6 or 7
peaks

FREEFLO TAPERED
173 & 185 mm



10 mm
6 or 7
peaks

FREEFLO STRAIGHT
59-229 mm

DISTINCT RADIOPAQUE MARKER

- Spherical RO Marker

Valiant Navion™

Thoracic Stent Graft System

Each Valiant Navion™ thoracic stent graft device must be ordered in a size appropriate to fit the patient's anatomy. Proper sizing of the Valiant Navion™ thoracic stent graft is the responsibility of the physician.

ANEURYSMS OR PENETRATING ULCERS (PAU):
Oversize the aortic portion of the stent graft by 3 to 7 mm, as appropriate for the patient.
The following table is provided as a guideline:

ANEURYSMS OR PAU

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
16	20	4
17	20	3
18	22	4
19	22	3
20	25	5
21	25	4
22	25	3
23	28	5
24	28	4
25	28	3
26	31	5
27	31	4
28	31	3
28	34	6
29	34	5
30	34	4
31	34	3
30	37	7
31	37	6
32	37	5
33	37	4
33	40	7
34	40	6
35	40	5
36	40	4
36	43	7
37	43	6
38	43	5
39	43	4
39	46	7
40	46	6
41	46	5
42	46	4

Valiant Navion™

Thoracic Stent Graft System

DISSECTION

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
19	20	1
20	22	2
21	22	1
22	22	0
23	25	2
24	25	1
25	25	0
26	28	2
27	28	1
28	28	0
29	31	2
30	31	1
31	34	3
32	34	2
33	34	1
34	37	3
35	37	2
36	37	1
37	40	3
38	40	2
39	40	1
39	43	4
40	43	3
41	43	2
42	43	1
42	46	4
43	46	3
44	46	2
45	46	1

DISSECTION:
Do not oversize the stent graft more than 10% of the healthy aorta nominal diameter. The following table is provided as a guideline.

FOR ADDITIONAL SECTIONS:
When the stent graft junction is located within the aneurysmal sac or is not supported by tissue, 6 mm oversizing between the primary component and additional section is recommended. In the case when a 20 mm stent graft is used as an outside component, the diameter of the inside component should be oversized by 5 mm relative to the outside component.
When the stent graft junction is supported by tissue (e.g., dissections), the stent graft should be oversized relative to the supporting native vessel.

BLUNT THORACIC AORTIC INJURY

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
16	20	4
17	20	3
18	22	4
19	22	3
20	22	2
20	25	5
21	25	4
22	25	3
23	25	2
23	28	5
24	28	4
25	28	3
26	28	2
26	31	5
27	31	4
28	31	3
29	31	2
28	34	6
29	34	5
30	34	4
31	34	3
32	34	2
30	37	7
31	37	6
32	37	5
33	37	4
34	37	3
35	37	2
33	40	7
34	40	6
35	40	5
36	40	4
37	40	3
38	40	2
36	43	7
37	43	6
38	43	5
39	43	4
40	43	3
41	43	2
39	46	7
40	46	6
41	46	5
42	46	4
43	46	3
44	46	2

Valiant Navion™

Thoracic Stent Graft System

VALIANT NAVION™ SYSTEM PRODUCT CODE DESCRIPTION

VN	M	C	22	22	C	100	TE	22

Product Name
VN - Valiant Navion™ System

Device Configuration
M - Main Stent Graft

Proximal Design
C - CoveredSeal
F - FreeFlo

Distal Diameter

Proximal Diameter

Nominal Stent Graft Covered Length

Delivery System
TE – Thoracic

Catheter Outer Diameter

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Valiant Navion™

Thoracic Stent Graft System

FREEFLO STRAIGHT

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Catheter Outer Diameter (Fr)
VNMF	20	20	C	96	TE	18
VNMF	22	22	C	96	TE	18
VNMF	22	22	C	185	TE	18
VNMF	25	25	C	96	TE	18
VNMF	25	25	C	185	TE	18
VNMF	28	28	C	97	TE	20
VNMF	28	28	C	174	TE	20
VNMF	31	31	C	97	TE	20
VNMF	31	31	C	174	TE	20
VNMF	31	31	C	229	TE	20
VNMF	34	34	C	59	TE	20
VNMF	34	34	C	97	TE	20
VNMF	34	34	C	174	TE	20
VNMF	34	34	C	229	TE	20
VNMF	37	37	C	59	TE	20
VNMF	37	37	C	97	TE	20
VNMF	37	37	C	174	TE	20
VNMF	37	37	C	229	TE	20
VNMF	40	40	C	62	TE	22
VNMF	40	40	C	103	TE	22
VNMF	40	40	C	183	TE	22
VNMF	40	40	C	223	TE	22
VNMF	43	43	C	62	TE	22
VNMF	43	43	C	103	TE	22
VNMF	43	43	C	183	TE	22
VNMF	43	43	C	223	TE	22
VNMF	46	46	C	62	TE	22
VNMF	46	46	C	103	TE	22
VNMF	46	46	C	183	TE	22
VNMF	46	46	C	223	TE	22

Valiant Navion™

Thoracic Stent Graft System

FREEFLO TAPERED

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Catheter Outer Diameter (Fr)
VNMF	28	22	C	173	TE	20
VNMF	31	25	C	173	TE	20
VNMF	34	28	C	173	TE	20
VNMF	37	31	C	173	TE	20
VNMF	40	34	C	185	TE	22
VNMF	43	37	C	185	TE	22
VNMF	46	40	C	185	TE	22

Valiant Navion™

Thoracic Stent Graft System

COVEREDSEAL STRAIGHT

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Catheter Outer Diameter (Fr)
VNMC	20	20	C	94	TE	18
VNMC	22	22	C	94	TE	18
VNMC	22	22	C	180	TE	18
VNMC	25	25	C	94	TE	18
VNMC	25	25	C	180	TE	18
VNMC	28	28	C	90	TE	20
VNMC	28	28	C	182	TE	20
VNMC	31	31	C	90	TE	20
VNMC	31	31	C	182	TE	20
VNMC	31	31	C	223	TE	20
VNMC	34	34	C	52	TE	20
VNMC	34	34	C	90	TE	20
VNMC	34	34	C	182	TE	20
VNMC	34	34	C	223	TE	20
VNMC	37	37	C	52	TE	20
VNMC	37	37	C	90	TE	20
VNMC	37	37	C	182	TE	20
VNMC	37	37	C	223	TE	20
VNMC	40	40	C	55	TE	22
VNMC	40	40	C	95	TE	22
VNMC	40	40	C	175	TE	22
VNMC	40	40	C	218	TE	22
VNMC	43	43	C	55	TE	22
VNMC	43	43	C	95	TE	22
VNMC	43	43	C	175	TE	22
VNMC	43	43	C	218	TE	22
VNMC	46	46	C	55	TE	22
VNMC	46	46	C	95	TE	22
VNMC	46	46	C	175	TE	22
VNMC	46	46	C	218	TE	22

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Valiant Navion™

Thoracic Stent Graft System

COVEREDSEAL TAPERED

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Catheter Outer Diameter (Fr)
VNMC	25	20	C	186	TE	18
VNMC	28	22	C	207	TE	20
VNMC	31	25	C	207	TE	20
VNMC	34	28	C	207	TE	20
VNMC	37	31	C	207	TE	20
VNMC	40	34	C	200	TE	22
VNMC	43	37	C	200	TE	22
VNMC	46	40	C	200	TE	22

AORTIC

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VENOUS

Valiant™ Captivia™

TAA Stent Graft System

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Features

Conformability delivered

- Sinusoidal shape and placement of nitinol springs provide flexibility and conformability
- Super-elastic nitinol springs exert active radial force to enhance seal and conformability

Confidence in control

- Tip capture provides controlled deployment and precise placement in the thoracic aorta
- Tip capture release handle provides simple turn-and-pull motion to release proximal stents

Advanced design*

- Proximal 8-Peak FreeFlo configuration evenly distributes radial force over multiple apices
- Platinum iridium Figur8 markers provide high visibility and assist deployment
- Broad selection of proximal and distal components treats a variety of patients

Optimized access

- Crossing profile is similar to or lower than other thoracic stent grafts
- Hydrophilic coating facilitates stent graft delivery
- Easy three-step deployment process

* Test data on file at Medtronic. Bench test results may not be indicative of clinical performance.

Valiant™ Captivia™

TAA Stent Graft System

VALIANT™ CAPTIVIA™ PRODUCT CODE DESCRIPTION

VA	M	F	22	22	C	100	TE		22	112

Product Name
VA - Valiant™

Device Configuration
M-Main Stent Graft

Proximal Design
C-Closed Web[1]
F-FreeFlo

Proximal Graft Diameter

Distal Graft Diameter

Distal Design
C-Closed Web[1]
B-Bare Spring

Nominal Stent Graft Covered Length

Delivery System
EE - Endurant™ II

Catheter Outer Diameter

Stent Graft Covered Length

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Valiant™ Captivia™

TAA Stent Graft System

PROXIMAL FREEFLO STRAIGHT

	Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design			Catheter Outer Diameter (F)	Stent Graft Covered Length (mm)
VAMF	22	22	C	100	TE	22	112
VAMF	24	24	C	100	TE	22	112
VAMF	26	26	C	100	TE	22	112
VAMF	28	28	C	100	TE	22	117
VAMF	30	30	C	100	TE	22	117
VAMF	32	32	C	100	TE	22	117
VAMF	34	34	C	100	TE	24	107
VAMF	36	36	C	100	TE	24	107
VAMF	38	38	C	100	TE	24	107
VAMF	40	40	C	100	TE	24	107
VAMF	42	42	C	100	TE	25	112
VAMF	44	44	C	100	TE	25	112
VAMF	46	46	C	100	TE	25	112
VAMF	22	22	C	150	TE	22	152
VAMF	24	24	C	150	TE	22	152
VAMF	26	26	C	150	TE	22	152
VAMF	28	28	C	150	TE	22	157
VAMF	30	30	C	150	TE	22	157
VAMF	32	32	C	150	TE	22	157
VAMF	34	34	C	150	TE	24	167
VAMF	36	36	C	150	TE	24	167
VAMF	38	38	C	150	TE	24	167
VAMF	40	40	C	150	TE	24	167
VAMF	42	42	C	150	TE	25	157
VAMF	44	44	C	150	TE	25	157
VAMF	46	46	C	150	TE	25	162
VAMF	30	30	C	200	TE	22	192
VAMF	32	32	C	200	TE	22	192
VAMF	34	34	C	200	TE	24	212
VAMF	36	36	C	200	TE	24	207
VAMF	38	38	C	200	TE	24	207
VAMF	40	40	C	200	TE	24	212
VAMF	42	42	C	200	TE	25	207
VAMF	44	44	C	200	TE	25	212
VAMF	46	46	C	200	TE	25	212

Valiant™ Captivia™

TAA Stent Graft System

PROXIMAL FREEFLO TAPERED

Product Code	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design			Catheter Outer Diameter (F)	Stent Graft Covered Length (mm)
VAMF	26	22	C	150	TE	22	152
VAMF	28	24	C	150	TE	22	157
VAMF	30	26	C	150	TE	22	157
VAMF	32	28	C	150	TE	22	157
VAMF	34	30	C	150	TE	24	167
VAMF	36	32	C	150	TE	24	167
VAMF	38	34	C	150	TE	24	167
VAMF	40	36	C	150	TE	24	167
VAMF	42	38	C	150	TE	25	157
VAMF	44	40	C	150	TE	25	157
VAMF	46	42	C	150	TE	25	162

	Proximal Spring (mm)	Spring #2 (mm)	Spring #3 (mm)	Spring #4 (mm)	Spring #5 (mm)	Spring #6 (mm)	Spring #7 (mm)	Spring #8 (mm)	Spring #9 (mm)
	8-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	8-Peak
40x36	40	40	40	38	38	38	36	36	36
38x34	38	38	38	36	36	36	34	34	34
36x32	36	36	36	34	34	34	32	32	32
34x30	34	34	34	32	32	32	30	30	30
32x28	32	32	32	30	30	30	28	28	28
30x26	30	30	30	28	28	28	26	26	26
28x24	28	28	28	26	26	26	24	24	24
26x22	26	26	26	24	24	24	22	22	22

	Proximal Spring (mm)	Spring #2 (mm)	Spring #3 (mm)	Spring #4 (mm)	Spring #5 (mm)	Spring #6 (mm)	Spring #7 (mm)	Spring #8 (mm)	N/A
	8-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	8-Peak	
46x42	46	46	46	44	44	44	42	42	
44x40	44	44	44	42	42	42	40	40	
42x38	42	42	42	40	40	40	38	38	

Valiant™ Captivia™

TAA Stent Graft System

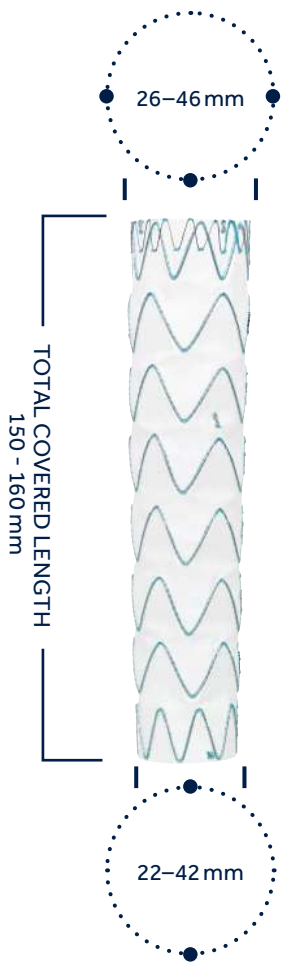
CLOSED WEB STRAIGHT

	Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design			Catheter Outer Diameter (F)	Stent Graft Covered Length (mm)
VAMC	22	22	C	100	TE	22	105
VAMC	24	24	C	100	TE	22	105
VAMC	26	26	C	100	TE	22	105
VAMC	28	28	C	100	TE	22	110
VAMC	30	30	C	100	TE	22	110
VAMC	32	32	C	100	TE	22	110
VAMC	34	34	C	100	TE	24	100
VAMC	36	36	C	100	TE	24	100
VAMC	38	38	C	100	TE	24	100
VAMC	40	40	C	100	TE	24	100
VAMC	42	42	C	100	TE	25	105
VAMC	44	44	C	100	TE	25	105
VAMC	46	46	C	100	TE	25	105
VAMC	22	22	C	150	TE	22	145
VAMC	24	24	C	150	TE	22	145
VAMC	26	26	C	150	TE	22	145
VAMC	28	28	C	150	TE	22	150
VAMC	30	30	C	150	TE	22	150
VAMC	32	32	C	150	TE	22	150
VAMC	34	34	C	150	TE	24	160
VAMC	36	36	C	150	TE	24	160
VAMC	38	38	C	150	TE	24	160
VAMC	40	40	C	150	TE	24	160
VAMC	42	42	C	150	TE	25	150
VAMC	44	44	C	150	TE	25	150
VAMC	46	46	C	150	TE	25	155
VAMC	30	30	C	200	TE	22	185
VAMC	32	32	C	200	TE	22	185
VAMC	34	34	C	200	TE	24	205
VAMC	36	36	C	200	TE	24	200
VAMC	38	38	C	200	TE	24	200
VAMC	40	40	C	200	TE	24	205
VAMC	42	42	C	200	TE	25	200
VAMC	44	44	C	200	TE	25	205
VAMC	46	46	C	200	TE	25	205

Valiant™ Captivia™

TAA Stent Graft System

CLOSED WEB TAPERED



	Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design			Catheter Outer Diameter (F)	Stent Graft Covered Length (mm)
VAMC	26	22	C	150	TE	22	150
VAMC	28	24	C	150	TE	22	150
VAMC	30	26	C	150	TE	22	150
VAMC	32	28	C	150	TE	22	150
VAMC	34	30	C	150	TE	24	160
VAMC	36	32	C	150	TE	24	160
VAMC	38	34	C	150	TE	24	160
VAMC	40	36	C	150	TE	24	160
VAMC	42	38	C	150	TE	25	150
VAMC	44	40	C	150	TE	25	150
VAMC	46	42	C	150	TE	25	155

	Proximal Spring (mm)	Spring #2 (mm)	Spring #3 (mm)	Spring #4 (mm)	Spring #5 (mm)	Spring #6 (mm)	Spring #7 (mm)	Spring #8 (mm)
	8-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	8-Peak
26x22	26	26	26	24	24	24	22	22
28x24	28	28	28	26	26	26	24	24
30x26	30	30	30	28	28	28	26	26
32x28	32	32	32	30	30	30	28	28
34x30	34	34	34	32	32	32	30	30
36x32	36	36	36	34	34	34	32	32
38x34	38	38	38	36	36	36	34	34
40x36	40	40	40	38	38	38	36	36

	Proximal Spring (mm)	Spring #2 (mm)	Spring #3 (mm)	Spring #4 (mm)	Spring #5 (mm)	Spring #6 (mm)	Spring #7 (mm)	N/A
	8-Peak	5-Peak	5-Peak	5-Peak	5-Peak	5-Peak	8-Peak	
42x38	42	42	42	40	40	40	38	
44x40	44	44	44	42	42	42	40	
46x42	46	46	46	44	44	44	42	

Valiant™ Captivia™

TAA Stent Graft System

DISTAL BARE SPRING STRAIGHT

	Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design			Catheter Outer Diameter (F)	Stent Graft Covered Length (mm)
VAMC	22	22	B	100	TE	22	112
VAMC	24	24	B	100	TE	22	112
VAMC	26	26	B	100	TE	22	112
VAMC	28	28	B	100	TE	22	117
VAMC	30	30	B	100	TE	22	117
VAMC	32	32	B	100	TE	22	117
VAMC	34	34	B	100	TE	24	107
VAMC	36	36	B	100	TE	24	107
VAMC	38	38	B	100	TE	24	107
VAMC	40	40	B	100	TE	24	107
VAMC	42	42	B	100	TE	25	112
VAMC	44	44	B	100	TE	25	112
VAMC	46	46	B	100	TE	25	112

Valiant™ Captivia™

TAA Stent Graft System

Each Valiant™ Thoracic Stent Graft with Captivia™ Delivery System must be ordered in a size appropriate to fit the patient's anatomy. Proper sizing of the Valiant™ Captivia™ Thoracic Stent Graft Delivery System is the responsibility of the physician.

ANEURYSMS, PENETRATING ULCERS, AND TRAUMATIC RUPTURES:
Oversize the aortic portion of the stent graft by 3 to 5 mm as appropriate for the patient. The following table is provided as a guideline:

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
18	22	4
19	22	3
20	24	4
21	24	3
22	26	4
24	26	3
25	28	4
25	30	5
26	30	4
27	30	3
27	32	5
28	32	4
29	32	3
29	34	5
30	34	4
31	34	3
31	36	5
32	36	4
33	38	5
34	38	4
35	40	5
36	40	4
37	42	5
38	42	4
39	44	5
40	44	4
41	46	5
42	46	4

Valiant™ Captivia™

TAA Stent Graft System

DISSECTION:
Do not oversize the stent graft by more than 10% of the healthy aorta nominal diameter. The following table is provided as a guideline:

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
20	22	2
21	22	1
22	24	2
23	24	1
24	26	2
25	26	1
26	28	2
27	28	1
28	30	2
29	32	3
30	32	2
31	34	3
32	34	2
33	36	3
34	36	2
35	38	3
36	38	2
37	40	3
38	40	2
39	42	3
40	42	2
40	44	4
41	44	3
42	44	2
42	46	4
43	46	3
44	46	2

FOR ADDITIONAL SECTIONS:
When the stent graft junction is located within the aneurismal sac or is not supported by tissue, a 4 mm oversizing between the primary component and additional section is recommended. When the stent graft junction is supported by tissue (e.g., dissections), recommendations listed above.

AORTIC

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ENDOANCHOR™ SYSTEMS

Heli-Fx™ / Heli-Fx™ TAA

AAA/TAA EndoAnchor™ System

AORTIC

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VENOUS

Tailor seal and fixation in your primary and revision Tevar cases

Stability of a surgical anastomosis

- Helical EndoAnchor™ implant designed to provide the stability of a surgical anastomosis

Enhanced sealing and fixation

- Enhances the inherent sealing and fixation mechanisms of an endograft

Simplified revisions

- Simplifies revision surgery for endograft migration and Type I endoleak

Precise and accurate placement

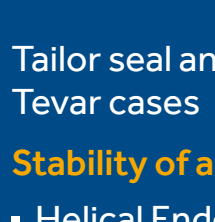
- Steerable guide for precise and accurate EndoAnchor™ implant placement

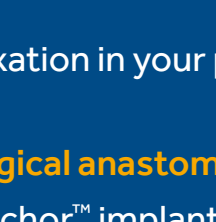
Intuitive and controlled deployment

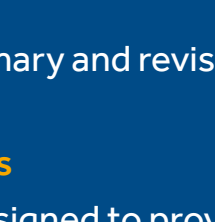
- Motorized, intuitive controls for precise placement of EndoAnchor™ implants

High visibility

- Excellent system and EndoAnchor™ implant radiopacity







Primary implantation of EndoAnchor™ implant with an Endurant™ bifurcated endograft in complex proximal neck anatomy.

Heli-Fx™ EndoAnchor™

AAA EndoAnchor™ System

RECOMMENDED HELI-FX™ GUIDE SELECTION

Aortic Inner Diameter (mm)	Deflected Tip Reach (mm)
18 - 28	22
28 - 32	28

ORDER INFORMATION

AAA Components	Product Catalogue Number
Heli-FX™ Guide, 22 mm	SG-64
Heli-FX™ Guide, 28 mm	HG-16-62-28
Heli-FX™ Applier and EndoAnchor™ Cassette (Contains 10 EndoAnchors)	SA-85

TECHNICAL SPECIFICATION

EndoAnchor™ Implant	Heli-FX™ Guide	Heli-FX™ Applier
3.0 mm diameter x 4.5 mm length	Two deflection-tip lengths address varying neck diameters	Battery-operated delivery device with visual and audio feedback
0.5 mm diameter MP35N-LT wire thickness	Unique radiopaque tip markers for 3D orientation	One-touch auto-loading of EndoAnchors
Atraumatic conical tip (similar to SH1 needle)	16 F OD	Two-stage EndoAnchor deployment allows placement confirmation and repositioning
Crossbar feature prevents over-penetration	62 cm working length	86 cm working length
	0.035" guidewire compatible	

Heli-Fx™ TAA

TAA EndoAnchor™ System

RECOMMENDED HELI-FX™ GUIDE SELECTION

Aortic Inner Diameter (mm)	Deflected Tip Reach (mm)
18-28	22
28-38	32
38-42	42

ORDER INFORMATION

TAA Components	Product Catalogue Number
Heli-FX™ Guide, 22 mm	HG-18-90-22
Heli-FX™ Guide, 32 mm	HG-18-90-32
Heli-FX™ Guide, 42 mm	HG-18-90-42
Heli-FX™ Applier and EndoAnchor™ Cassette (contains 10 EndoAnchors)	HA-18-114

TECHNICAL SPECIFICATIONS

EndoAnchor™ Implant	Heli-FX™ Guide	Heli-FX™ Applier
3.0 mm diameter x 4.5 mm length	Three deflected tip reach lengths address varying neck diameters	Battery-operated delivery device with visual and audio feedback
0.5 mm diameter MP35N-LT wire thickness	Unique radiopaque tip markers for 3D orientation	One-touch auto-loading of EndoAnchors
Atraumatic conical tip (similar to SH1 needle)	18 F OD	Two-stage EndoAnchor deployment allows placement confirmation and repositioning
Crossbar feature prevents over-penetration	90 cm working length	114 cm working length
	0.035" guidewire compatible	

AORTIC

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ANCILLARY

Sentrant™

Introducer Sheath with Hydrophilic Coating

AORTIC

PERIPHERAL

VENOUS

EnsureSeal technology‡

- Optimal hemostasis versus competitive sheaths

Complex ready design

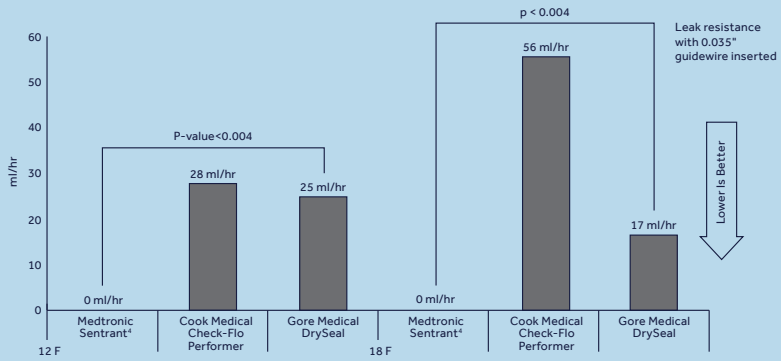
- Hydrophilic coating with flexibility for easier tracking through tortuous and calcified iliacs
- Coil reinforced for kink resistance

Improved procedural confidence

- Radiopaque marker for easy visibility
- Dilator locking feature secures desired position

‡Bench Test Data on file at Medtronic. Test data not indicative of clinical performance. Bench Test compared Cook Check-Flo™* Performer™* and Gore DrySeal 12F and 18F to Sentrant™ 12F and 18F.

Superior leak resistance versus Cook Check-Flo® Performer® and Gore Dryseal†



*Bench Test Data on file at Medtronic, Test data not indicative of clinical performance Bench Test compared Cook Check-Flo Performer and Gore DrySeal 12 F and 18 F to Sentrant™ 12 F and 18 F.

†Medtronic Sheath had zero leakage on 0.035" guidewire.

Sentrant™

Introducer Sheath With Hydrophilic Coating

ORDER INFORMATION

Product Catalogue Number	Inner Diameter Size (F)	Usable Length (cm)
SENSH1228W	12	28
SENSH1428W	14	28
SENSH1628W	16	28
SENSH1828W	18	28
SENSH2028W	20	28
SENSH2228W	22	28
SENSH2428W	24	28
SENSH2628W	26	28

THE CHOICE FOR SUPERIOR HEMOSTASIS

1. RADIOPAQUE MARKER BAND
2. HYDROPHILIC COATING
3. REINFORCED COILED TUBING
4. GUIDEWIRE DIAMETER: 0.035"
5. LOCKING MECHANISM ON DILATOR HANDLE

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Reliant™

Stent Graft Balloon Catheter

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Multiple purposes, single solution

Versatile design

- Widest range of inflation diameters in a single low profile balloon able to treat thoracic to iliacs (10 mm–46 mm)[2]
- Compatible with 12 F sheath

Reliable performance

- Consistent inflation and deflation time
- Stable expansion with minimum balloon overhang to reduce risk of vessel trauma
- Dependable expansion even after multiple inflations and deflations[3]

Improved conformability

- Expands kinks and smooths creases from the graft material
- Compliant balloon expansion

Clinical uses include:

- For use in thoracic, abdominal and iliac endograft procedures
- Endograft molding
- Apposition of endografts in seal zones
- Temporary aortic occlusion

[2] Reliant™ Stent Graft Balloon Catheter Instructions For Use, Cook Coda™* Balloon Catheter Instructions For Use, Gore Tri-Lobe™* Instructions For Use.

[3] Data on file Medtronic. Maximum of 20 inflations, deflations.

BALLOON INFLATION TABLE*

46 MM BALLOON

Diameter (mm)	Volume (cc)
10	3
20	9
30	19
40	41
46*	60

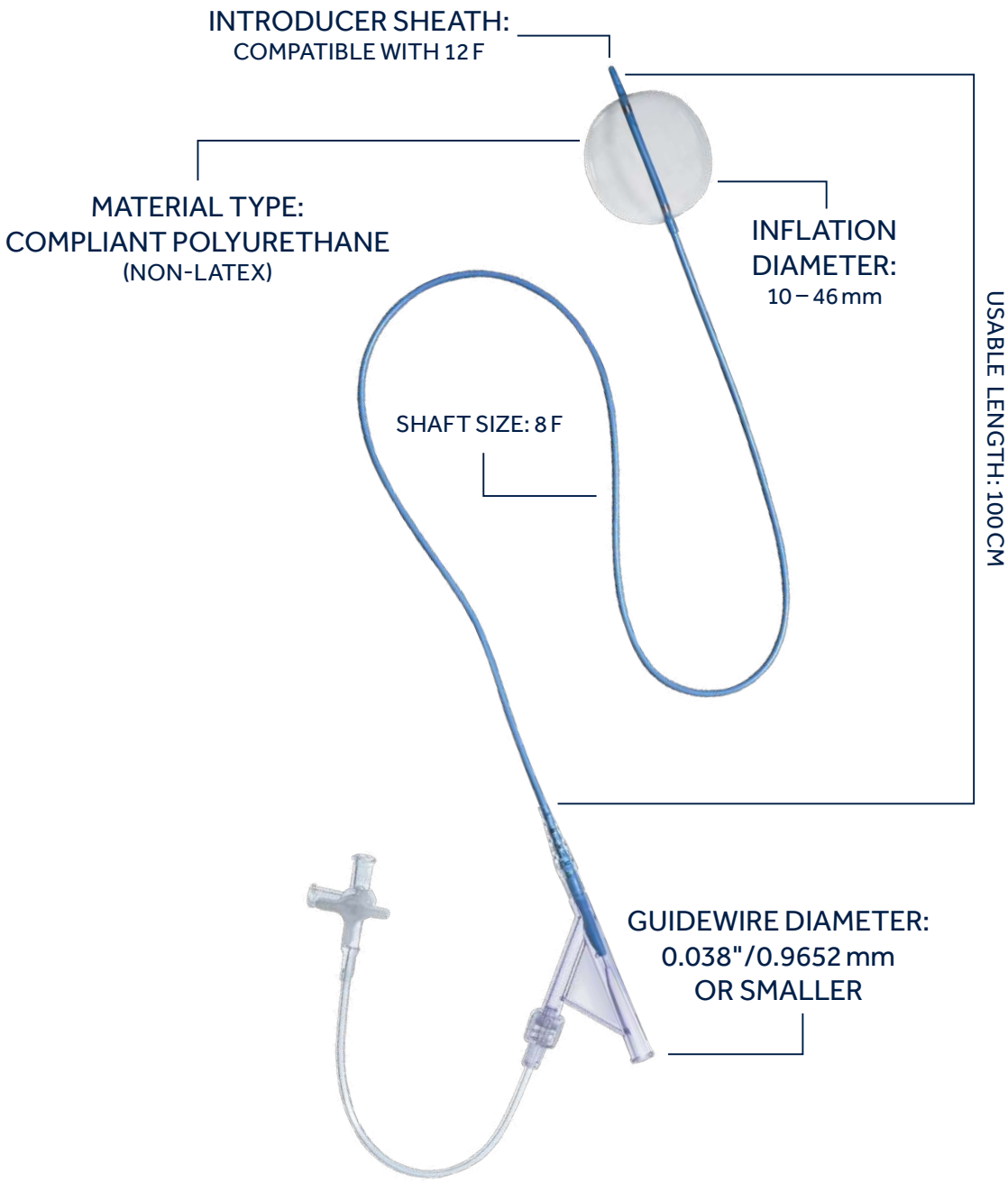
* CAUTION: This table is only a guide. Balloon expansion should be carefully monitored under fluoroscopy. Do not exceed maximum inflation diameter (46 mm). Rupture of balloon may occur.

Reliant™

Stent Graft Balloon Catheter

ORDER INFORMATION

Product Catalogue Number	Inflation Diameter (mm)	Shaft Size (F)	Usable Length (cm)	Sheath Compatibility (F)
REL46	10-46	8	100	12



TourGuide™

Steerable Sheath

AORTIC

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Dilator and tip†

- Facilitates sheath trackability, enabling the TourGuide™ Sheath to advance through indicated anatomy

Advanced catheter technology

- Provides the strength and conformability needed for delivering various interventional devices

Curve retention†

- Maintains desired deflection angle, providing a stable platform for delivering devices to the desired destination

Radiopaque tip†

- Provides excellent visualization during positioning, enabling accurate vessel access and potentially less manipulation

Hemostatic seal and flush port

- Maintains hemostasis and allows for manual fluid injection

Safety in mind†

- May reduce overall procedure time by minimizing multiple exchanges associated with different catheter selections

180° tip deflection†

- Physician-directed to deliver diagnostic and therapeutic devices to a wide variety of vessel take offs and difficult anatomical areas

Three working lengths

- Designed to access indicated areas to perform interventions

Inner diameter compatibility

- For use with interventional devices

Dilator

- With French size and guidewire indicator†

†Bench Test Data on file at Medtronic. Test data not indicative of clinical performance.

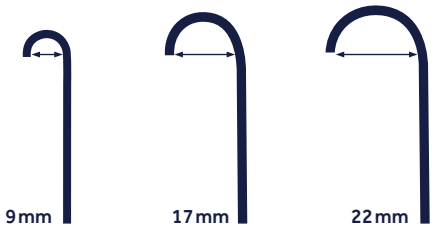
TourGuide™

Steerable Sheath

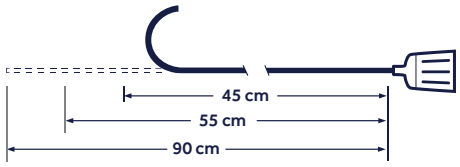
ORDER INFORMATION

Product Catalogue Number	Inner Diameter Size (F)	Useable Length (cm)	Deflection Length @ 180° (mm)	Outer Diameter Size (F)
TG0654509	6.5	45	9	8.5
TG0654517	6.5	45	17	8.5
TG0655509	6.5	55	9	8.5
TG0655517	6.5	55	17	8.5
TG0659009	6.5	90	9	8.5
TG0704509	7.0	45	9	9.5
TG0704517	7.0	45	17	9.5
TG0705509	7.0	55	9	9.5
TG0705517	7.0	55	17	9.5
TG0709009	7.0	90	9	9.5
TG0854517	8.5	45	17	12
TG0854522	8.5	45	22	12
TG0855517	8.5	55	17	12
TG0855522	8.5	55	22	12
TG0859017	8.5	90	17	12

ADJUSTABLE TIP DEFLECTION
May reduce overall procedure time by minimizing multiple exchanges associated with different catheter selections

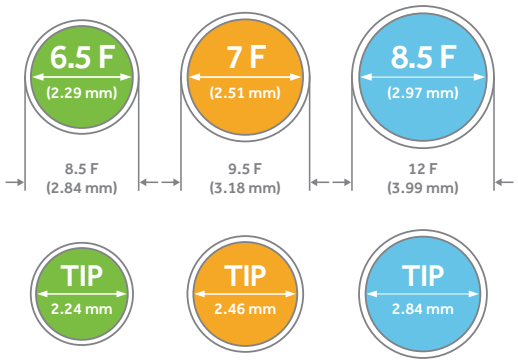


THREE WORKING LENGTHS
Can access most anatomic areas to perform peripheral interventions



DILATOR
With French size and guidewire indicator

INNER DIAMETER COMPATIBILITY
For use with peripheral interventional devices



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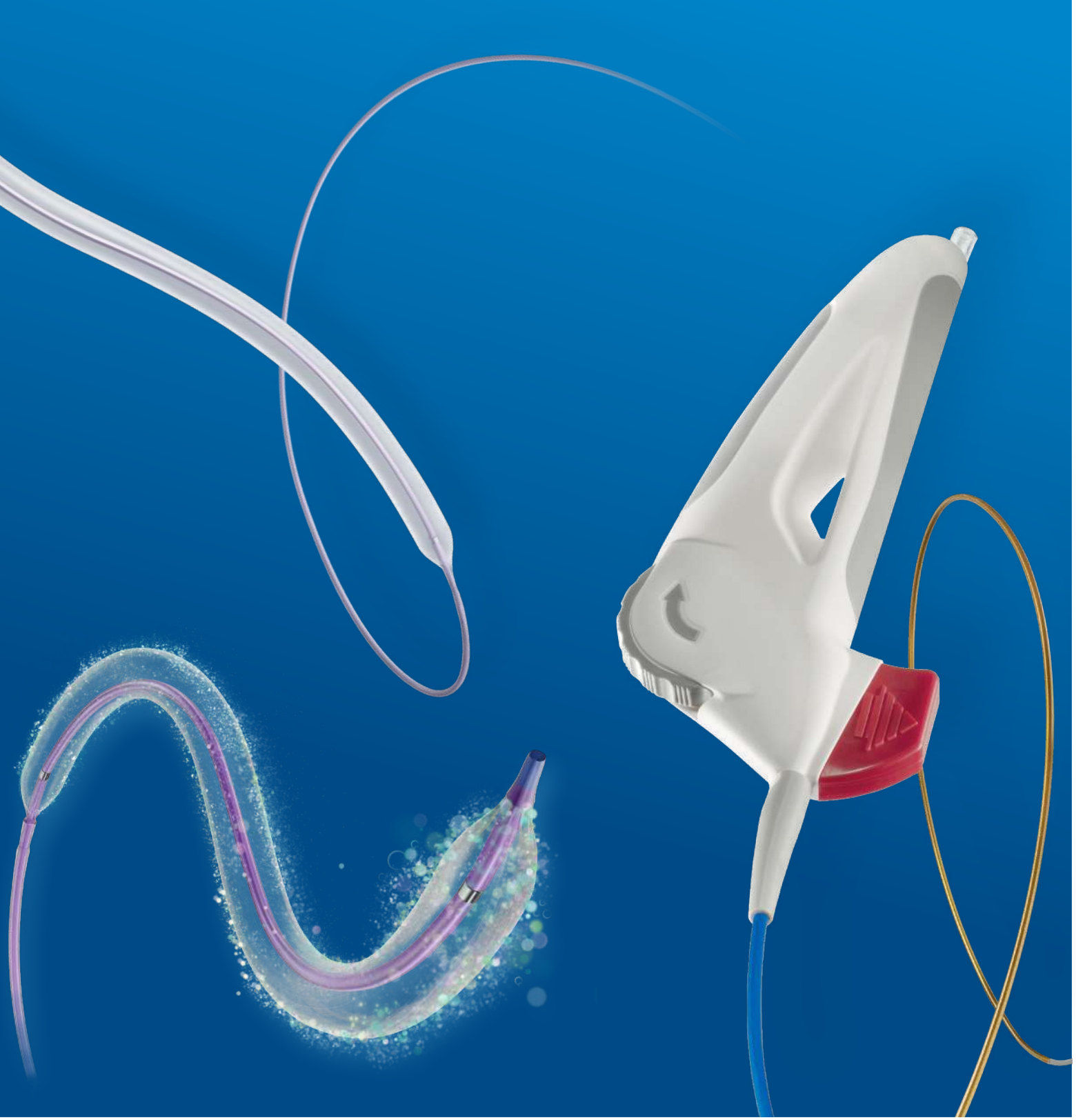

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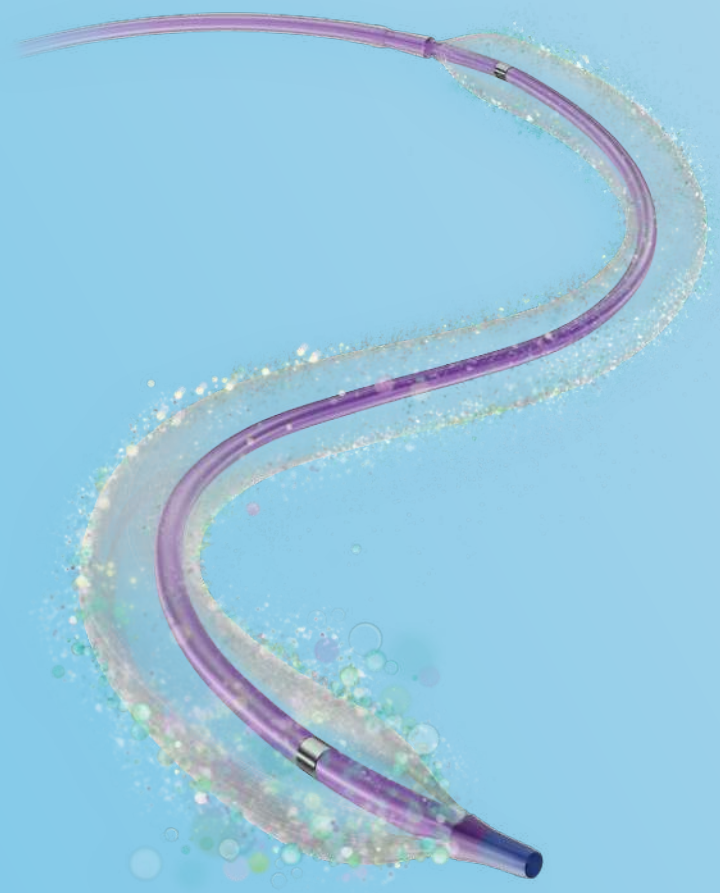
DRUG COATED BALLOONS

IN.PACT™ Admiral™

Paclitaxel-eluting PTA Balloon Catheter 0.035"



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TECHNICAL SPECIFICATIONS

Catheter design	Over the Wire (OTW)
Balloon coating	FreePac – Paclitaxel and Urea (Excipient)
Usable shaft lengths	40, 80 and 130 cm
Introducer sheath compatibility	5, 6, 7 and 9F
Max. recommended guidewire	0.035" depending on balloon size
Nominal pressure	8 atm

IN.PACT™ Admiral™

Paclitaxel-eluting PTA Balloon Catheter 0.035"

DURABLE

IN.PACT™ Admiral™ drug-eluting balloon demonstrates best-in-class clinical outcomes with durable performance through 3 years.

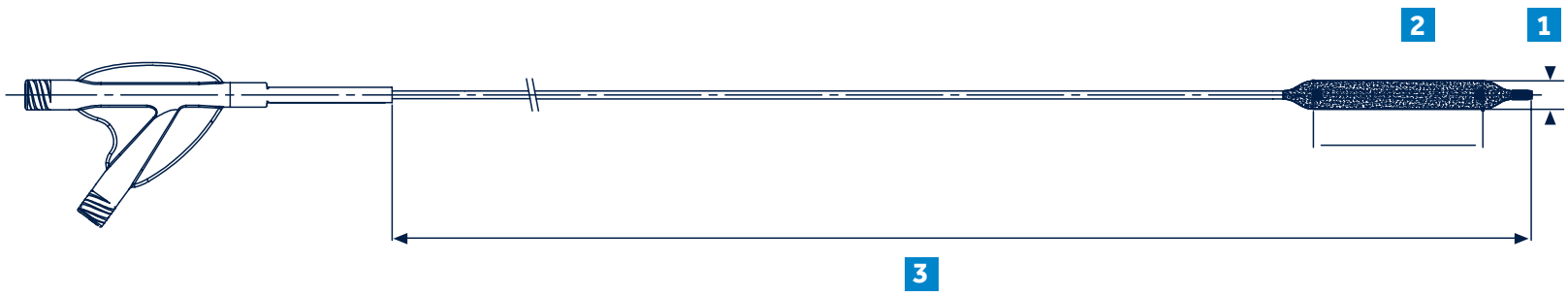
SAFE

IN.PACT™ Admiral™ drug-eluting balloon has an excellent safety profile, with superior results relative to PTA.

CONSISTENT

IN.PACT™ Admiral™ drug-eluting balloon demonstrates positive, consistent outcomes across trials, complex patients and lesion subgroups.

1 Balloon Diameter 2 Balloon Length 3 Usable Length



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IN.PACT™ Admiral™

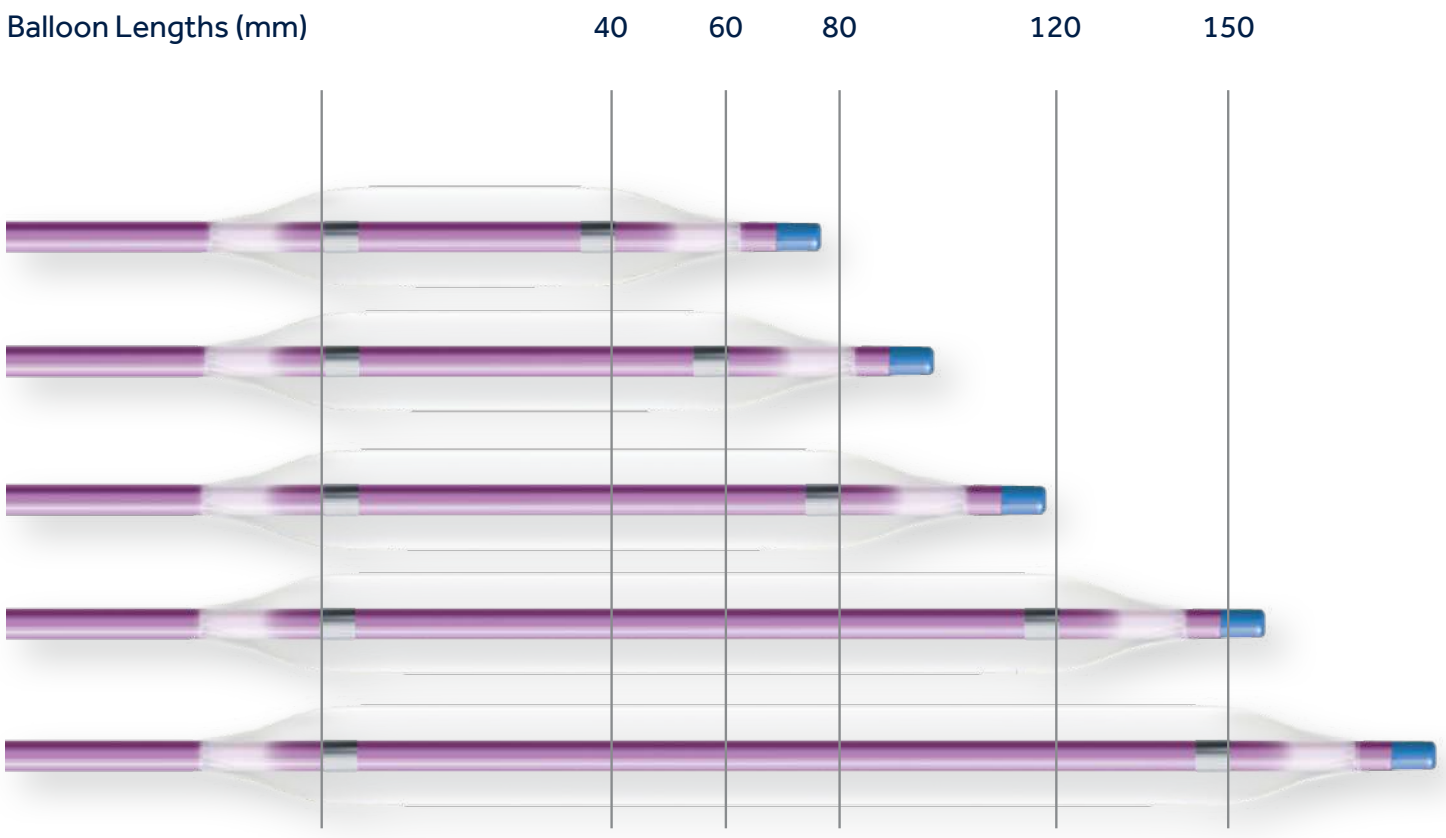
Paclitaxel-eluting PTA Balloon Catheter 0.035"

ORDER INFORMATION

Product Catalogue Number			Balloon Diameter (mm)	Balloon Length (mm)	Recommended Introducer Sheath (F)	RBP (atm)
Usable Length 40 cm	Usable Length 80 cm	Usable Length 130 cm				
SBI 040 040 04P	SBI 040 040 08P	SBI 040 040 13P	4	40	5	14
SBI 040 060 04P	SBI 040 060 08P	SBI 040 060 13P	4	60	5	14
SBI 040 080 04P	SBI 040 080 08P	SBI 040 080 13P	4	80	5	14
-	SBI 040 120 08P	SBI 040 120 13P	4	120	5	14
-	SBI 040 150 08P	SBI 040 150 13P	4	150	5	14
SBI 050 040 04P	SBI 050 040 08P	SBI 050 040 13P	5	40	6	14
SBI 050 060 04P	SBI 050 060 08P	SBI 050 060 13P	5	60	6	14
SBI 050 080 04P	SBI 050 080 08P	SBI 050 080 13P	5	80	6	14
-	SBI 050 120 08P	SBI 050 120 13P	5	120	6	14
-	SBI 050 150 08P	SBI 050 150 13P	5	150	6	14
SBI 060 040 04P	SBI 060 040 08P	SBI 060 040 13P	6	40	6	14
SBI 060 060 04P	SBI 060 060 08P	SBI 060 060 13P	6	60	6	14
SBI 060 080 04P	SBI 060 080 08P	SBI 060 080 13P	6	80	6	14
-	SBI 060 120 08P	SBI 060 120 13P	6	120	6	14
-	SBI 060 150 08P	SBI 060 150 13P	6	150	6	14
SBI 070 040 04P	SBI 070 040 08P	SBI 070 040 13P	7	40	7	14
SBI 070 060 04P	SBI 070 060 08P	SBI 070 060 13P	7	60	7	14
SBI 070 080 04P	SBI 070 080 08P	SBI 070 080 13P	7	80	7	14
SBI 080 040 04P	SBI 080 040 08P	SBI 080 040 13P	8	40	7	10
SBI 080 060 04P	SBI 080 060 08P	SBI 080 060 13P	8	60	7	10
SBI 080 080 04P	SBI 080 080 08P	SBI 080 080 13P	8	80	7	10
SBI 090 040 04P	SBI 090 040 08P	SBI 090 040 13P	9	40	7	10
SBI 090 060 04P	SBI 090 060 08P	SBI 090 060 13P	9	60	7	10
SBI 090 080 04P	SBI 090 080 08P	SBI 090 080 13P	9	80	7	10
SBI 100 040 04P	SBI 100 040 08P	SBI 100 040 13P	10	40	7	9
SBI 120 040 04P	SBI 120 040 08P	SBI 120 040 13P	12	40	9	9

IN.PACT™ Admiral™

Paclitaxel-eluting PTA Balloon Catheter 0.035"



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IN.PACT™ Pacific™

Paclitaxel-eluting PTA Balloon Catheter 0.018"

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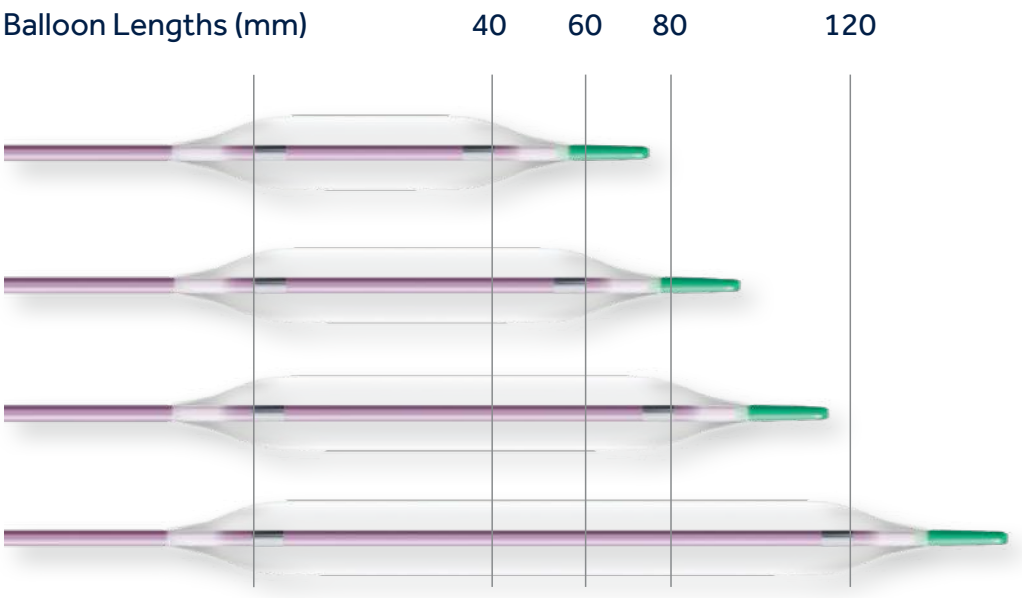
TECHNICAL SPECIFICATIONS

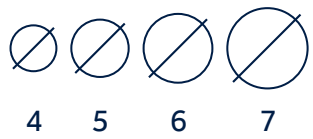
Catheter design	Over the Wire (OTW)
Balloon coating	FreePac – Paclitaxel and Urea (Excipient)
Usable shaft lengths	90 and 130 cm
Introducer sheath compatibility	5 - 6 F depending on balloon size
Max. recommended guidewire	0.018"
Nominal pressure	7 atm

IN.PACT™ Pacific™

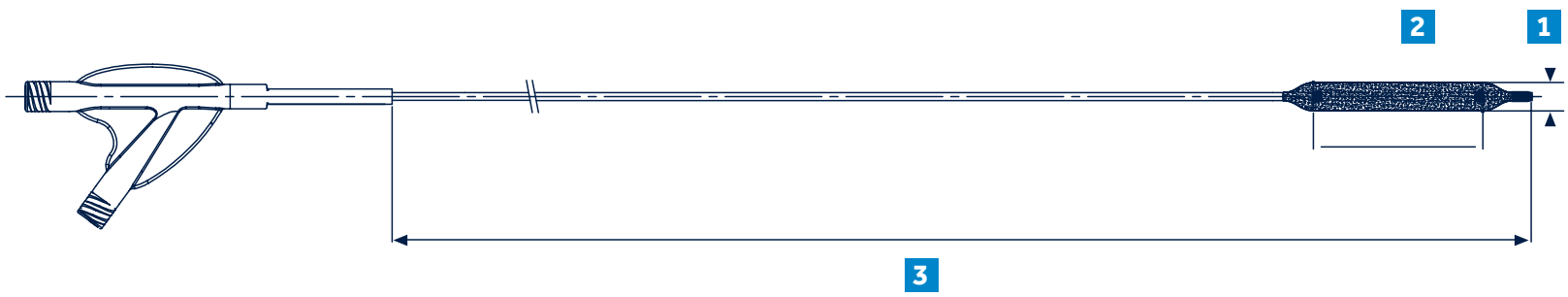
Paclitaxel-eluting PTA Balloon Catheter 0.018"



Balloon Diameters
4, 5, 6, 7mm



1 Balloon Diameter **2** Balloon Length **3** Usable Length



IN.PACT™ Pacific™

Paclitaxel-eluting PTA Balloon Catheter 0.018"

ORDER INFORMATION

Product Catalogue Number		Balloon Diameter (mm)	Balloon Length (mm)	Recommended Introducer Sheath (F)	RBP (atm)
Usable Length 90 cm	Usable Length 130 cm				
PCF 040 040 09P	PCF 040 040 13P	4	40	5	20
PCF 040 060 09P	PCF 040 060 13P	4	60	5	14
PCF 040 080 09P	PCF 040 080 13P	4	80	5	14
PCF 040 120 09P	PCF 040 120 13P	4	120	5	14
PCF 050 040 09P	PCF 050 040 13P	5	40	5	20
PCF 050 060 09P	PCF 050 060 13P	5	60	5	14
PCF 050 080 09P	PCF 050 080 13P	5	80	5	14
PCF 050 120 09P	PCF 050 120 13P	5	120	5	14
PCF 060 040 09P	PCF 060 040 13P	6	40	5	16
PCF 060 060 09P	PCF 060 060 13P	6	60	5	14
PCF 060 080 09P	PCF 060 080 13P	6	80	5	14
PCF 060 120 09P	PCF 060 120 13P	6	120	5	14
PCF 070 040 09P	PCF 070 040 13P	7	40	6	12
PCF 070 060 09P	PCF 070 060 13P	7	60	6	12
PCF 070 080 09P	PCF 070 080 13P	7	80	6	12
PCF 070 120 09P	PCF 070 120 13P	7	120	6	12

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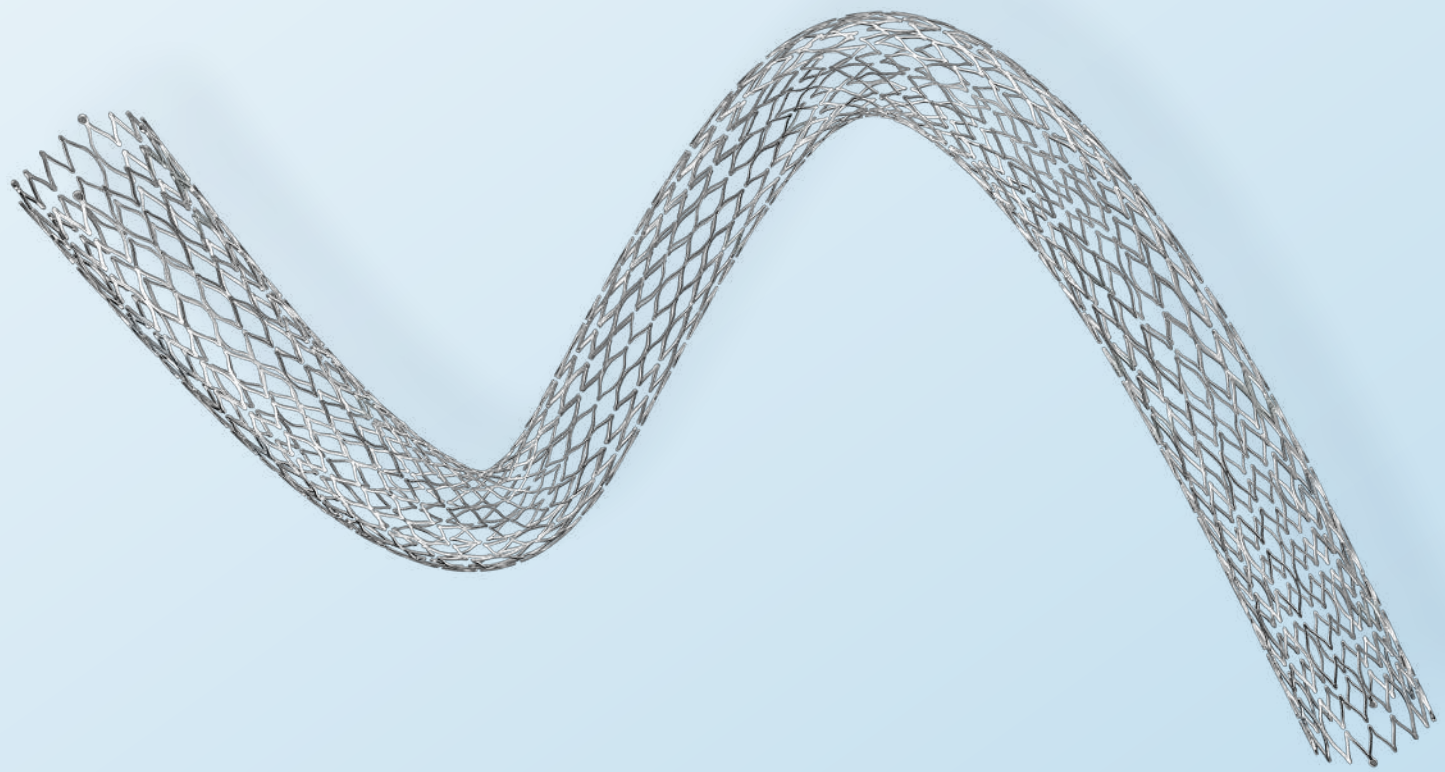
STENT SYSTEMS



Protégé™ Rx™

Carotid Self-Expanding Stent System

The Protégé™ RX™ stent is the next generation stent designed for the anatomy of the carotid artery.

Protégé™ RX™ provides control and accurate placement for carotid interventions.

Predictable Deployment

- Proprietary EX.P.R.T.™ release technology essentially eliminates premature deployment or jumping
- No stent shortening
- Unique anatomically designed tapered stent for better fit in the carotid bifurcation
- 0.014" rapid exchange catheter with 6 F low crossing profile and flexible atraumatic tip
- Radiopaque marker on catheter clearly indicates tapered location for precise positioning

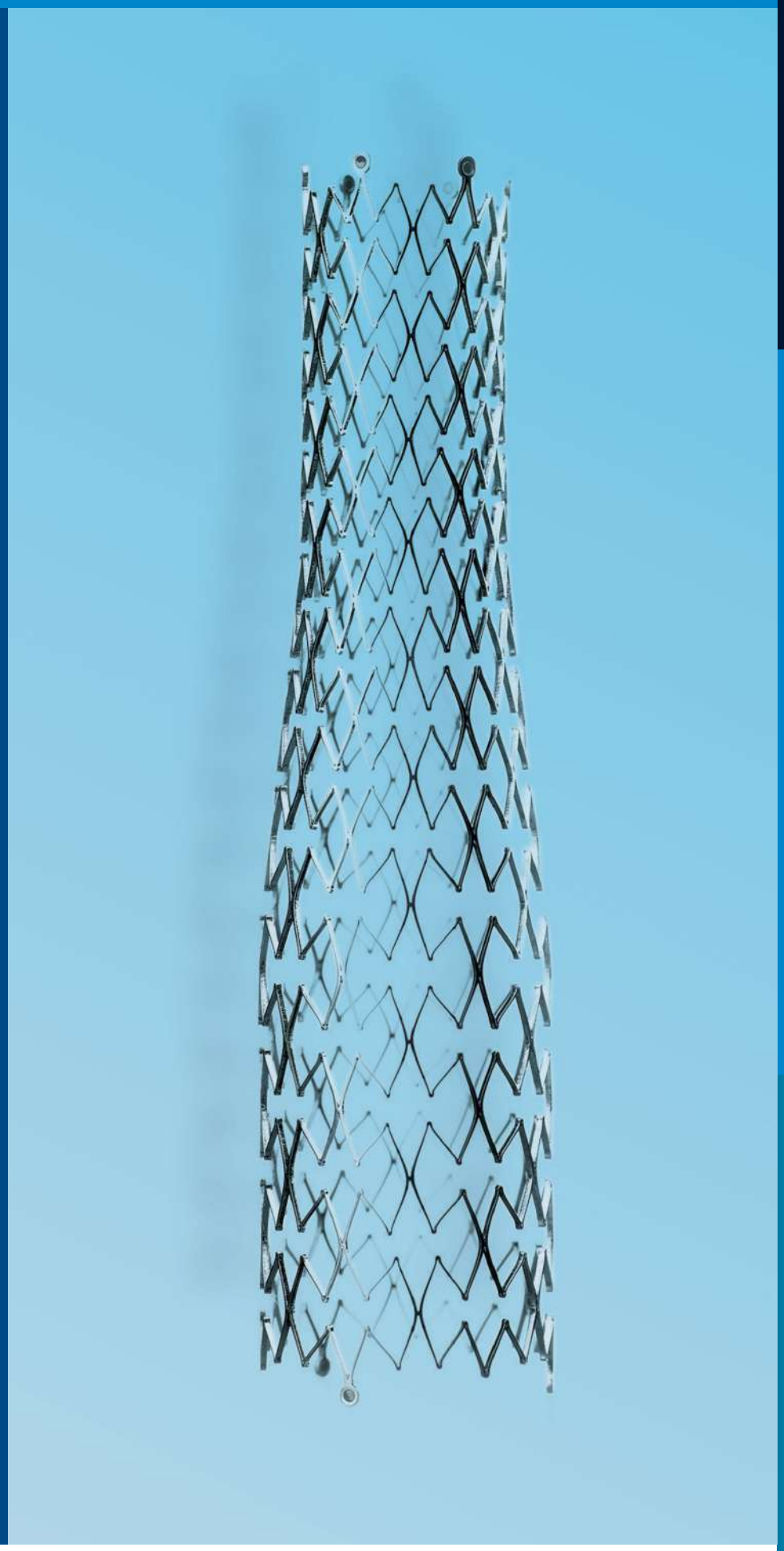
Visible Results

- Tantalum GPS™ markers enhance visibility for precise positioning and result confirmation
- Cell design produces expansion force that resists compression while providing excellent wall apposition
- Straight and tapered options for customized fit in carotid vessels

Protégé RX 6 Fr/0.014" Catheter Length 135cm

Each system includes:

One stent and delivery catheter system



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Protégé™ Rx™

Carotid Self-Expanding Stent System

ORDER INFORMATION

Product Catalogue Number	Stent Dimensions		Recommended Sheath Size (F)	Recommended Guidewire (inch)	Crossing Profile (inch)
Catheter Length 135cm	Diameter (mm)	Length (mm)			
TAPERED					
SEPX-8-6-30-135	8x6	30	6	0.014	0.078
SEPX-8-6-40-135	8x6	40	6	0.014	0.078
SEPX-10-7-30-135	10x7	30	6	0.014	0.078
SEPX-10-7-40-135	10x7	40	6	0.014	0.078
STRAIGHT					
SEPX-6-20-135	6	20	6	0.014	0.078
SEPX-7-20-135	7	20	6	0.014	0.078
SEPX-8-20-135	8	20	6	0.014	0.078
SEPX-9-20-135	9	20	6	0.014	0.078
SEPX-10-20-135	10	20	6	0.014	0.078
SEPX-6-30-135	6	30	6	0.014	0.078
SEPX-7-30-135	7	30	6	0.014	0.078
SEPX-8-30-135	8	30	6	0.014	0.078
SEPX-9-30-135	9	30	6	0.014	0.078
SEPX-10-30-135	10	30	6	0.014	0.078
SEPX-6-40-135	6	40	6	0.014	0.078
SEPX-7-40-135	7	40	6	0.014	0.078
SEPX-8-40-135	8	40	6	0.014	0.078
SEPX-9-40-135	9	40	6	0.014	0.078
SEPX-10-40-135	10	40	6	0.014	0.078
SEPX-6-60-135	6	60	6	0.014	0.078
SEPX-7-60-135	7	60	6	0.014	0.078
SEPX-8-60-135	8	60	6	0.014	0.078
SEPX-9-60-135	9	60	6	0.014	0.078
SEPX-10-60-135	10	60	6	0.014	0.078

INDICATIONS: The Protégé™ RX™ is indicated for use in the iliac or subclavian arteries in the palliative treatment of malignant neoplasms in the biliary tree. It is also indicated for treatment of stenoses of the common carotid artery (CCA), internal carotid artery (ICA) and carotid bifurcation.

VisiPro™

Balloon-Expandable Peripheral Stent System

- Broad offering of 6 Fr-compatible 0.035" balloon-expandable stent with radiopaque marker technology for optimized visibility.
- Low crossing profile.
- Minimal shortening for placement confidence.

VisiPro™ catheter lengths
80 cm and 135 cm

Each system includes:

One stent and delivery catheter system

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COMPLIANCE CHART

Diameter (mm)	Inflation Pressure (atm)				
	8	9	10	11	12
5.0	5.00[1]	5.09	5.16	5.22	5.28[2]
6.0	6.00[1]	6.11	6.22	6.31	6.39[2]
7.0			7.00[1]	7.09	7.17[2]
8.0			8.00[1]	8.15	8.26[2]
9.0			9.00[1]	9.15	9.28[2]
10.0			10.00[1]	10.11	10.21[2]

[1]Diameter at Nominal Pressure
[2]Diameter at Rated Burst Pressure

VisiPro™

Balloon-Expandable Peripheral Stent System

ORDER INFORMATION

Product Catalogue Number		Stent dimensions		Balloon Length (mm)	Recommended Sheath Size (F)	Recommended Guidewire (inch)	Crossing Profile (inch)
Catheter Length 80 cm	Catheter Length 135 cm	Diameter (mm)	Length (mm)				
PXP35-05-12-080							
PXP35-05-17-080	PXP35-05-17-135	5.0	17	20	6	0.035	0.079
PXP35-05-27-080	PXP35-05-27-135	5.0	27	30	6	0.035	0.079
PXP35-05-37-080	PXP35-05-37-135	5.0	37	40	6	0.035	0.079
PXP35-05-57-080	PXP35-05-57-135	5.0	57	60	6	0.035	0.079
PXP35-06-12-080		6.0	12	15	6	0.035	0.079
PXP35-06-17-080	PXP35-06-17-135	6.0	17	20	6	0.035	0.079
PXP35-06-27-080	PXP35-06-27-135	6.0	27	30	6	0.035	0.079
PXP35-06-37-080	PXP35-06-37-135	6.0	37	40	6	0.035	0.081
PXP35-06-57-080	PXP35-06-57-135	6.0	57	60	6	0.035	0.083
PXP35-07-12-080		7.0	12	15	6	0.035	0.079
PXP35-07-17-080	PXP35-07-17-135	7.0	17	20	6	0.035	0.079
PXP35-07-27-080	PXP35-07-27-135	7.0	27	30	6	0.035	0.079
PXP35-07-37-080	PXP35-07-37-135	7.0	37	40	6	0.035	0.081
PXP35-07-57-080	PXP35-07-57-135	7.0	57	60	6	0.035	0.083
PXP35-08-17-080	PXP35-08-17-135	8.0	17	20	6	0.035	0.083
PXP35-08-27-080	PXP35-08-27-135	8.0	27	30	6	0.035	0.083
PXP35-08-37-080	PXP35-08-37-135	8.0	37	40	6	0.035	0.083
PXP35-08-57-080	PXP35-08-57-135	8.0	57	60	6	0.035	0.084
PXP35-09-17-080	PXP35-09-17-135	9.0	17	20	7	0.035	0.088
PXP35-09-27-080	PXP35-09-27-135	9.0	27	30	7	0.035	0.088
PXP35-09-37-080	PXP35-09-37-135	9.0	37	40	7	0.035	0.088
PXP35-09-57-080	PXP35-09-57-135	9.0	57	60	7	0.035	0.088
PXP35-10-17-080	PXP35-10-17-135	10.0	17	20	7	0.035	0.092
PXP35-10-27-080	PXP35-10-27-135	10.0	27	30	7	0.035	0.092
PXP35-10-37-080	PXP35-10-37-135	10.0	37	40	7	0.035	0.092
PXP35-10-57-080	PXP35-10-57-135	10.0	57	60	7	0.035	0.092

Specifications Nominal
Balloon Expandable Peripheral Stent System is indicated for use in the iliac, renal or subclavian arteries, as well as malignant biliary use.

Protégé™ GPS™

Self-Expanding Stent System

The Protégé™ GPS™ stent system gives control for precise stent placement avoiding jumping of the stent through the EX.P.R.T.™ retention system.

Compact delivery

- Diameters up to 14 mm
- Full line is 6 F compatible

Precision

- Propietary EX.P.R.T.™ deployment system secures the stent to eliminate premature deployment or "jumping"
- Tantalum GPS markers enhance visibility for easier, precise positioning

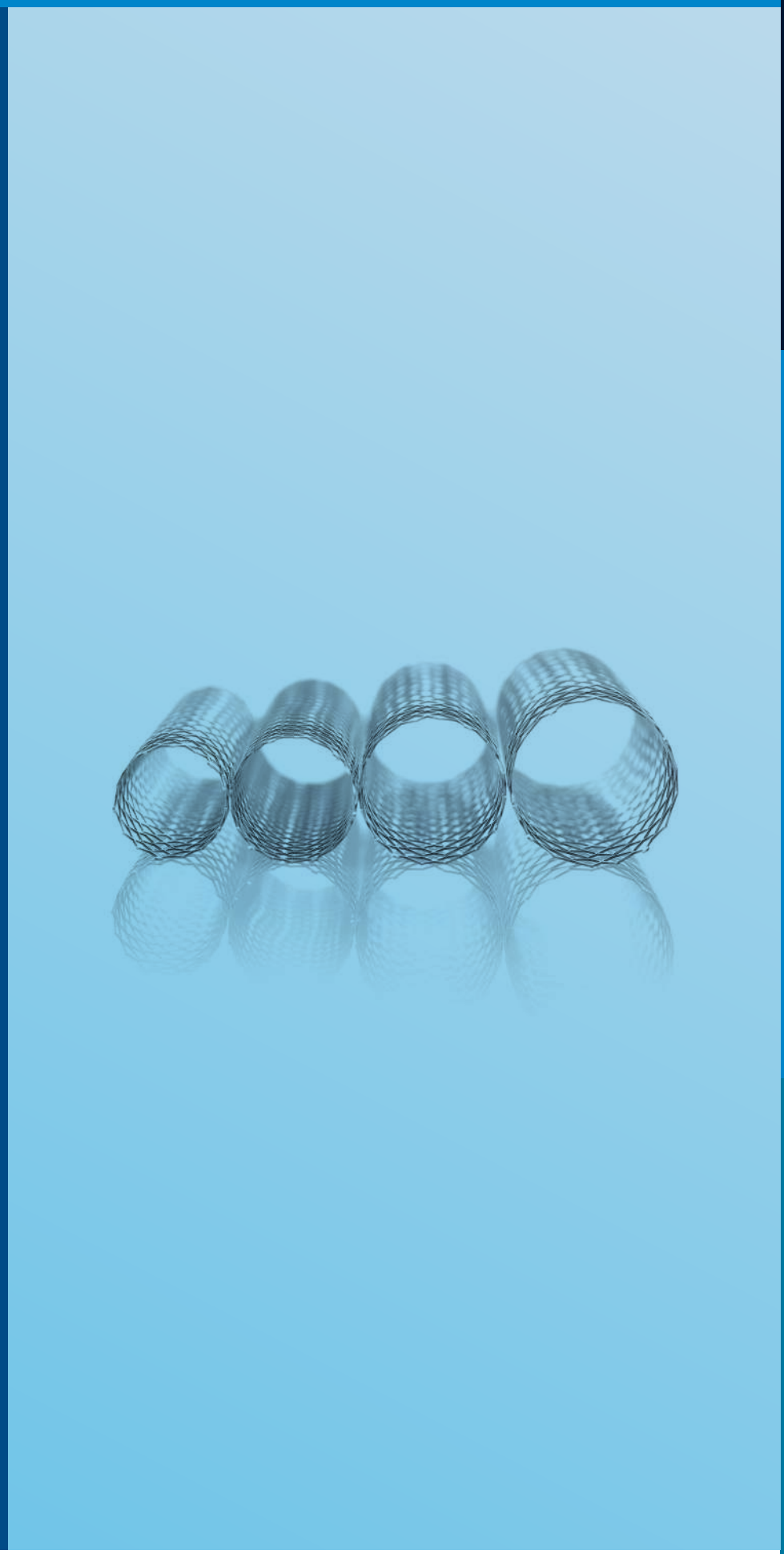
Radial strength and flexibility

- Designed for radial strength without sacrificing flexibility

Each system includes:

One stent and delivery catheter system

Protégé GPS catheter lengths 80 cm and 120 cm



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Protégé™ GPS™

Self-Expanding Stent System

ORDER INFORMATION

Product Catalogue Number		Stent Dimensions		Recommended		Recommended Guidewire (inch)	Crossing Profile (inch)
Catheter Length 80 cm	Catheter Length 120 cm	Diameter (mm)	Length (mm)	Lumen Size (mm)	Sheath Size (F)		
SERP65-09-20-80	SERP65-09-20-120	9	20	7.5 - 8.5	6	0.035	0.079
SERP65-09-30-80	SERP65-09-30-120	9	30	7.5 - 8.5	6	0.035	0.079
SERP65-09-40-80	SERP65-09-40-120	9	40	7.5 - 8.5	6	0.035	0.079
SERP65-09-60-80	SERP65-09-60-120	9	60	7.5 - 8.5	6	0.035	0.079
SERP65-09-80-80	SERP65-09-80-120	9	80	7.5 - 8.5	6	0.035	0.079
SERP65-10-20-80	SERP65-10-20-120	10	20	8.5 - 9.5	6	0.035	0.079
SERP65-10-30-80	SERP65-10-30-120	10	30	8.5 - 9.5	6	0.035	0.079
SERP65-10-40-80	SERP65-10-40-120	10	40	8.5 - 9.5	6	0.035	0.079
SERP65-10-60-80	SERP65-10-60-120	10	60	8.5 - 9.5	6	0.035	0.079
SERP65-10-80-80	SERP65-10-80-120	10	80	8.5 - 9.5	6	0.035	0.079
SERP65-12-20-80	SERP65-12-20-120	12	20	9.5 - 11.0	6	0.035	0.079
SERP65-12-30-80	SERP65-12-30-120	12	30	9.5 - 11.0	6	0.035	0.079
SERP65-12-40-80	SERP65-12-40-120	12	40	9.5 - 11.0	6	0.035	0.079
SERP65-12-60-80	SERP65-12-60-120	12	60	9.5 - 11.0	6	0.035	0.079
SERP65-12-80-80	SERP65-12-80-120	12	80	9.5 - 11.0	6	0.035	0.079
SERP65-14-20-80	SERP65-14-20-120	14	20	11.5 - 13.0	6	0.035	0.079
SERP65-14-30-80	SERP65-14-30-120	14	30	11.5 - 13.0	6	0.035	0.079
SERP65-14-40-80	SERP65-14-40-120	14	40	11.5 - 13.0	6	0.035	0.079
SERP65-14-60-80	SERP65-14-60-120	14	60	11.5 - 13.0	6	0.035	0.079
SERP65-14-80-80	SERP65-14-80-120	14	80	11.5 - 13.0	6	0.035	0.079

Specifications Nominal
INDICATIONS: The Protégé™ GPS™ stent is indicated for use in the iliac or subclavian arteries and malignant biliary use.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change.

EverFlex™

Self-Expanding Stent System

The EverFlex™ self-expanding peripheral stent system is a self-expanding nitinol stent system.

The spiral-cell interconnecting design significantly improves flexibility and vessel conformability, without sacrificing radial strength. Excellent wall apposition and compression resistance is provided by the three-wave peak design.

Spiral cell connection

- Peak-to-peak connection nodes to disperse force uniformly

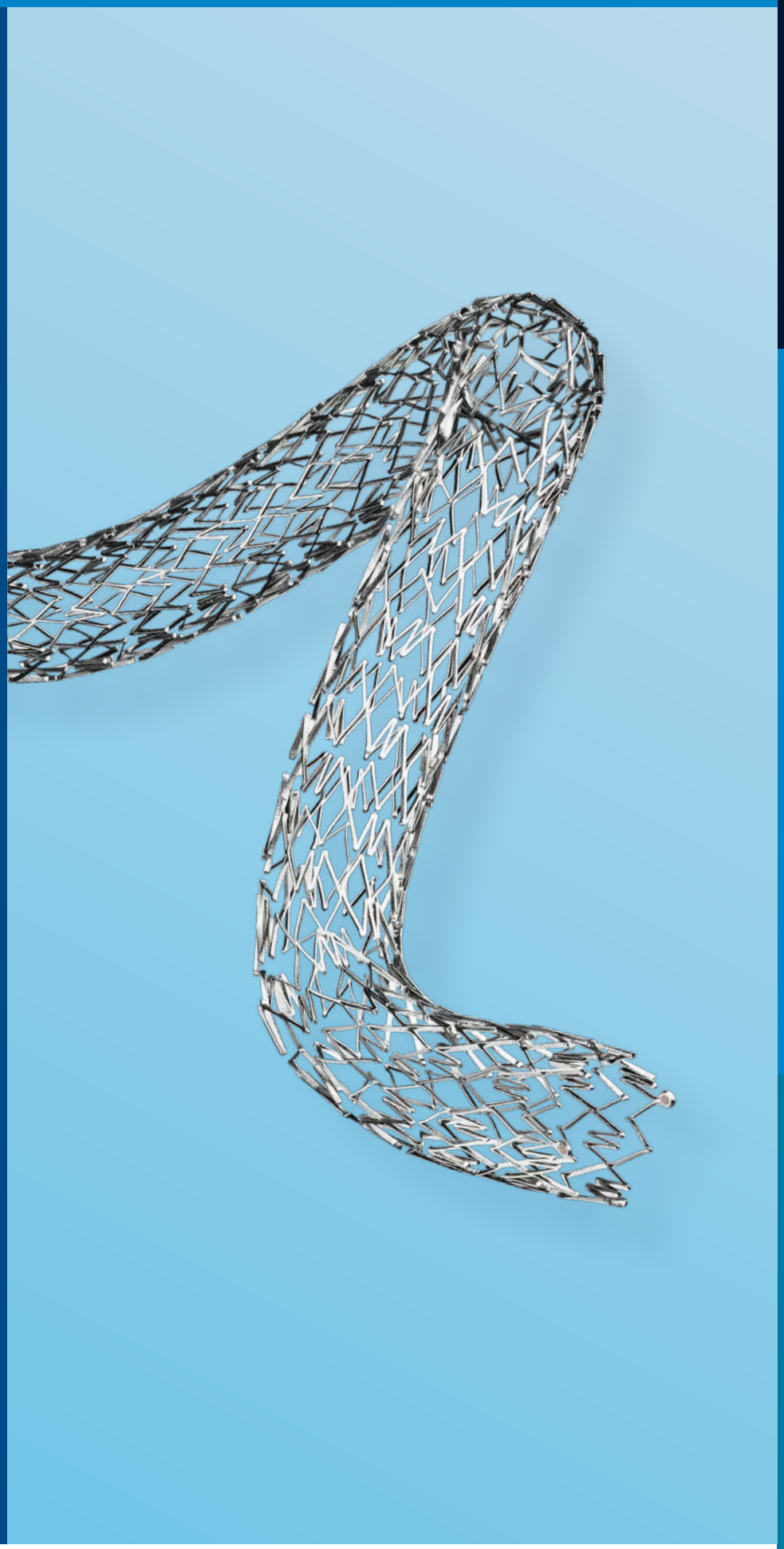
Flexible design

- Improves fracture resistance and restores vessel patency

Three-wave peak design

- Designed to resist compression and provide wall apposition

EverFlex™ catheter lengths:80 cm and 120 cm



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EverFlex™

Self-Expanding Stent System

ORDER INFORMATION

Product Catalogue Number		Stent Dimensions		Recommended		Recommended Guidewire (inch)	Crossing Profile (inch)
Catheter Length 80 cm	Catheter Length 120 cm	Diameter (mm)	Length (mm)	Lumen Size (mm)	Sheath Size (F)		
PRP35-05-020-080	PRP35-05-020-120	5	20	3.5 - 4.5	6	0.035	0.079
PRP35-05-030-080	PRP35-05-030-120	5	30	3.5 - 4.5	6	0.035	0.079
PRP35-05-040-080	PRP35-05-040-120	5	40	3.5 - 4.5	6	0.035	0.079
PRP35-05-060-080	PRP35-05-060-120	5	60	3.5 - 4.5	6	0.035	0.079
PRP35-05-080-080	PRP35-05-080-120	5	80	3.5 - 4.5	6	0.035	0.079
PRP35-05-100-080	PRP35-05-100-120	5	100	3.5 - 4.5	6	0.035	0.079
PRP35-05-120-080	PRP35-05-120-120	5	120	3.5 - 4.5	6	0.035	0.079
PRP35-05-150-080	PRP35-05-150-120	5	150	4.5 - 5.5	6	0.035	0.079
PRP35-06-020-080	PRP35-06-020-120	6	20	4.5 - 5.5	6	0.035	0.079
PRP35-06-030-080	PRP35-06-030-120	6	30	4.5 - 5.5	6	0.035	0.079
PRP35-06-040-080	PRP35-06-040-120	6	40	4.5 - 5.5	6	0.035	0.079
PRP35-06-060-080	PRP35-06-060-120	6	60	4.5 - 5.5	6	0.035	0.079
PRP35-06-080-080	PRP35-06-080-120	6	80	4.5 - 5.5	6	0.035	0.079
PRP35-06-100-080	PRP35-06-100-120	6	100	4.5 - 5.5	6	0.035	0.079
PRP35-06-120-080	PRP35-06-120-120	6	120	4.5 - 5.5	6	0.035	0.079
PRP35-06-150-080	PRP35-06-150-120	6	150	4.5 - 5.5	6	0.035	0.079
-	PRP35DR-06-200-120	6	200	4.5 - 5.5	6	0.035	0.079
PRP35-07-020-080	PRP35-07-020-120	7	20	5.5 - 6.5	6	0.035	0.079
PRP35-07-030-080	PRP35-07-030-120	7	30	5.5 - 6.5	6	0.035	0.079
PRP35-07-040-080	PRP35-07-040-120	7	40	5.5 - 6.5	6	0.035	0.079
PRP35-07-060-080	PRP35-07-060-120	7	60	5.5 - 6.5	6	0.035	0.079
PRP35-07-080-080	PRP35-07-080-120	7	80	5.5 - 6.5	6	0.035	0.079
PRP35-07-100-080	PRP35-07-100-120	7	100	5.5 - 6.5	6	0.035	0.079
PRP35-07-120-080	PRP35-07-120-120	7	120	5.5 - 6.5	6	0.035	0.079
PRP35-07-150-080	PRP35-07-150-120	7	150	5.5 - 6.5	6	0.035	0.079
-	PRP35DR-07-200-120	7	200	5.5 - 6.5	6	0.035	0.079
PRP35-08-020-080	PRP35-08-020-120	8	20	6.5 - 7.5	6	0.035	0.079
PRP35-08-030-080	PRP35-08-030-120	8	30	6.5 - 7.5	6	0.035	0.079
PRP35-08-040-080	PRP35-08-040-120	8	40	6.5 - 7.5	6	0.035	0.079
PRP35-08-060-080	PRP35-08-060-120	8	60	6.5 - 7.5	6	0.035	0.079
PRP35-08-080-080	PRP35-08-080-120	8	80	6.5 - 7.5	6	0.035	0.079
PRP35-08-100-080	PRP35-08-100-120	8	100	6.5 - 7.5	6	0.035	0.079
PRP35-08-120-080	PRP35-08-120-120	8	120	6.5 - 7.5	6	0.035	0.079
PRP35-08-150-080	PRP35-08-150-120	8	150	6.5 - 7.5	6	0.035	0.079
-	PRP35DR-08-200-120	8	200	6.5 - 7.5	6	0.035	0.079

INDICATIONS: The EverFlex™ self-expanding peripheral stent system is indicated for use in common iliac, external iliac, superficial fermoral, proximal popliteal, and subclavian arteries.

EverFlex™ with Entrust™ Delivery System

Self-Expanding Stent System

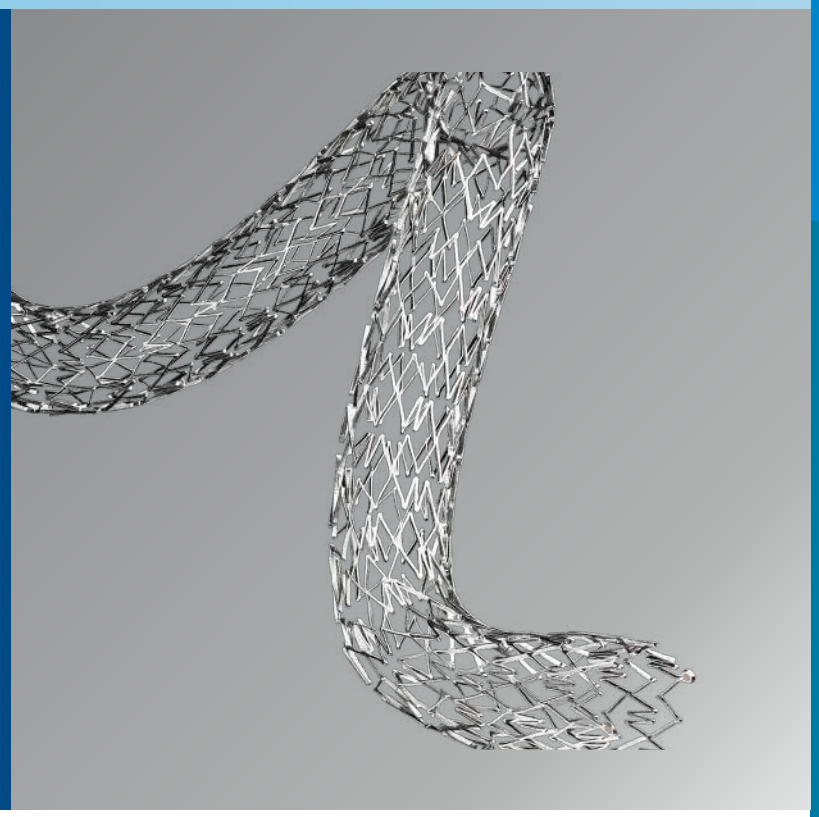
The Entrust™ delivery system is a one-handed, triaxialstent delivery system with a low 5 F profile.

This low profile was achieved without compromising the design of the EverFlex™ stent or the 0.035" guidewire compatibility.

The device was engineered specifically for control and accuracy based on physician feedback provided during extensive interviews and procedural observations.

EverFlex™ stent: The DURABILITY II study proves strong stent performance with a 60% primary patency at 3 years.

EverFlex™ Entrust™ catheter lengths: 80 cm, 120 cm, 150 cm.



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EverFlex™ with Entrust™ Delivery System

Self-Expanding Stent System

ORDER INFORMATION

Product Catalogue Number			Stent Dimensions (Unconstrained)		Size Compatibility		Guidewire Acceptance (inch)
Catheter Length 80 cm	Catheter Length 120 cm	Catheter Length 150 cm	Diameter (mm)	Length (mm)	Vessel Size (mm)	Sheath / Guide (F)	
EVX35-05-020-080	EVX35-05-020-120	EVX35-05-020-150	5	20	3.5 - 4.5	5	0.035
EVX35-05-040-080	EVX35-05-040-120	EVX35-05-040-150	5	40	3.5 - 4.5	5	0.035
EVX35-05-060-080	EVX35-05-060-120	EVX35-05-060-150	5	60	3.5 - 4.5	5	0.035
EVX35-05-080-080	EVX35-05-080-120	EVX35-05-080-150	5	80	3.5 - 4.5	5	0.035
EVX35-05-100-080	EVX35-05-100-120	EVX35-05-100-150	5	100	3.5 - 4.5	5	0.035
EVX35-05-120-080	EVX35-05-120-120	EVX35-05-120-150	5	120	3.5 - 4.5	5	0.035
EVX35-05-150-080	EVX35-05-150-120	EVX35-05-150-150	5	150	3.5 - 4.5	5	0.035
EVX35-06-020-080	EVX35-06-020-120	EVX35-06-020-150	6	20	4.5 - 5.5	5	0.035
EVX35-06-040-080	EVX35-06-040-120	EVX35-06-040-150	6	40	4.5 - 5.5	5	0.035
EVX35-06-060-080	EVX35-06-060-120	EVX35-06-060-150	6	60	4.5 - 5.5	5	0.035
EVX35-06-080-080	EVX35-06-080-120	EVX35-06-080-150	6	80	4.5 - 5.5	5	0.035
EVX35-06-100-080	EVX35-06-100-120	EVX35-06-100-150	6	100	4.5 - 5.5	5	0.035
EVX35-06-120-080	EVX35-06-120-120	EVX35-06-120-150	6	120	4.5 - 5.5	5	0.035
EVX35-06-150-080	EVX35-06-150-120	EVX35-06-150-150	6	150	4.5 - 5.5	5	0.035
EVX35-07-020-080	EVX35-07-020-120	EVX35-07-020-150	7	20	5.5 - 6.5	5	0.035
EVX35-07-040-080	EVX35-07-040-120	EVX35-07-040-150	7	40	5.5 - 6.5	5	0.035
EVX35-07-060-080	EVX35-07-060-120	EVX35-07-060-150	7	60	5.5 - 6.5	5	0.035
EVX35-07-080-080	EVX35-07-080-120	EVX35-07-080-150	7	80	5.5 - 6.5	5	0.035
EVX35-07-100-080	EVX35-07-100-120	EVX35-07-100-150	7	100	5.5 - 6.5	5	0.035
EVX35-07-120-080	EVX35-07-120-120	EVX35-07-120-150	7	120	5.5 - 6.5	5	0.035
EVX35-07-150-080	EVX35-07-150-120	EVX35-07-150-150	7	150	5.5 - 6.5	5	0.035
EVX35-08-020-080	EVX35-08-020-120	EVX35-08-020-150	8	20	6.5 - 7.5	5	0.035
EVX35-08-040-080	EVX35-08-040-120	EVX35-08-040-150	8	40	6.5 - 7.5	5	0.035
EVX35-08-060-080	EVX35-08-060-120	EVX35-08-060-150	8	60	6.5 - 7.5	5	0.035
EVX35-08-080-080	EVX35-08-080-120	EVX35-08-080-150	8	80	6.5 - 7.5	5	0.035
EVX35-08-100-080	EVX35-08-100-120	EVX35-08-100-150	8	100	6.5 - 7.5	5	0.035
EVX35-08-120-080	EVX35-08-120-120	EVX35-08-120-150	8	120	6.5 - 7.5	5	0.035
EVX35-08-150-080	EVX35-08-150-120	EVX35-08-150-150	8	150	6.5 - 7.5	5	0.035

INDICATIONS: The stent is indicated for use in occlusions, lesions at high risk for abrupt closure or threatened closure following percutaneous transluminal angioplasty (PTA); or lesions believed to be at high risk for restenosis following PTA in the common iliac, external iliac, superficial femoral, proximal popliteal, or subclavian arteries.
Stenting is intended to improve and maintain artery luminal diameter.

Paramount Mini™ GPS™

Balloon-Expandable Peripheral Stent System

The Paramount Mini™ GPS™ is a pre-mounted renal stent line with tantalum markers on a balloon catheter delivery system. The devices are compatible with 5 and 6 F introducers and 0.014" and 0.018" Guidewires.

Each kit includes:

One stent and delivery catheter system

Paramount mini catheter length 80cm

COMPLIANCE CHART

ParaMount Mini™ GPS™ Diameter (mm)	Inflation Pressure (atm)			
	9	10	11	12
5.0	4.96	5.04[1]	5.12	5.20[2]
6.0	5.78	5.88[1]	5.98	6.08[2]

[1]Diameter at Nominal Pressure
[2]Diameter at Rated Burst Pressure
INDICATIONS: The ParaMount Mini™ GPS™ Stent System is indicated for use in the renal artery, as well as malignant biliary use.

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Paramount Mini™ GPS™

Balloon-Expandable Peripheral Stent System

ORDER INFORMATION

Product Catalogue Number	Expanded Stent Size		Balloon Length (mm)	Usable Length (cm)	Rated Burst Pressure (atm)	Nominal Burst Pressure (atm)	Recommended Guide / Catheter Sheath Size (inch)	Recommended Guidewire (inch)	Crossing Profile (inch)
	Diameter (mm)	Length (mm)							
PMP4-5-14-80	5.0	14	17	80	12	10	6 / 5	0.014	0.062
PMP4-5-18-80	5.0	18	20	80	12	10	6 / 5	0.014	0.062
PMP4-5-21-80	5.0	21	24	80	12	10	6 / 5	0.014	0.062
PMP4-6-14-80	6.0	14	17	80	12	10	7 / 6	0.014	0.066
PMP4-6-18-80	6.0	18	20	80	12	10	7 / 6	0.014	0.066
PMP4-6-21-80	6.0	21	24	80	12	10	7 / 6	0.014	0.066
PMP4-7-14-80	7.0	14	17	80	12	10	7 / 6	0.014	0.070
PMP4-7-18-80	7.0	18	20	80	12	10	7 / 6	0.014	0.070
PMP4-7-21-80	7.0	21	24	80	12	10	7 / 6	0.014	0.070
PMP8-5-14-80	5.0	14	17	80	12	10	6 / 5	0.018	0.062
PMP8-5-18-80	5.0	18	20	80	12	10	6 / 5	0.018	0.062
PMP8-5-21-80	5.0	21	24	80	12	10	6 / 5	0.018	0.062
PMP8-6-14-80	6.0	14	17	80	12	10	6* / 5	0.018	0.066
PMP8-6-18-80	6.0	18	20	80	12	10	6* / 5	0.018	0.066
PMP8-6-21-80	6.0	21	24	80	12	10	6* / 5	0.018	0.066
PMP8-7-14-80	7.0	14	17	80	12	10	7 / 6	0.018	0.070
PMP8-7-18-80	7.0	18	20	80	12	10	7 / 6	0.018	0.070
PMP8-7-21-80	7.0	21	24	80	12	10	7 / 6	0.018	0.070

Specifications Nominal, 6 F=0.070" I.D.

Hippocampus™

Renal RX Stent System 0.014"

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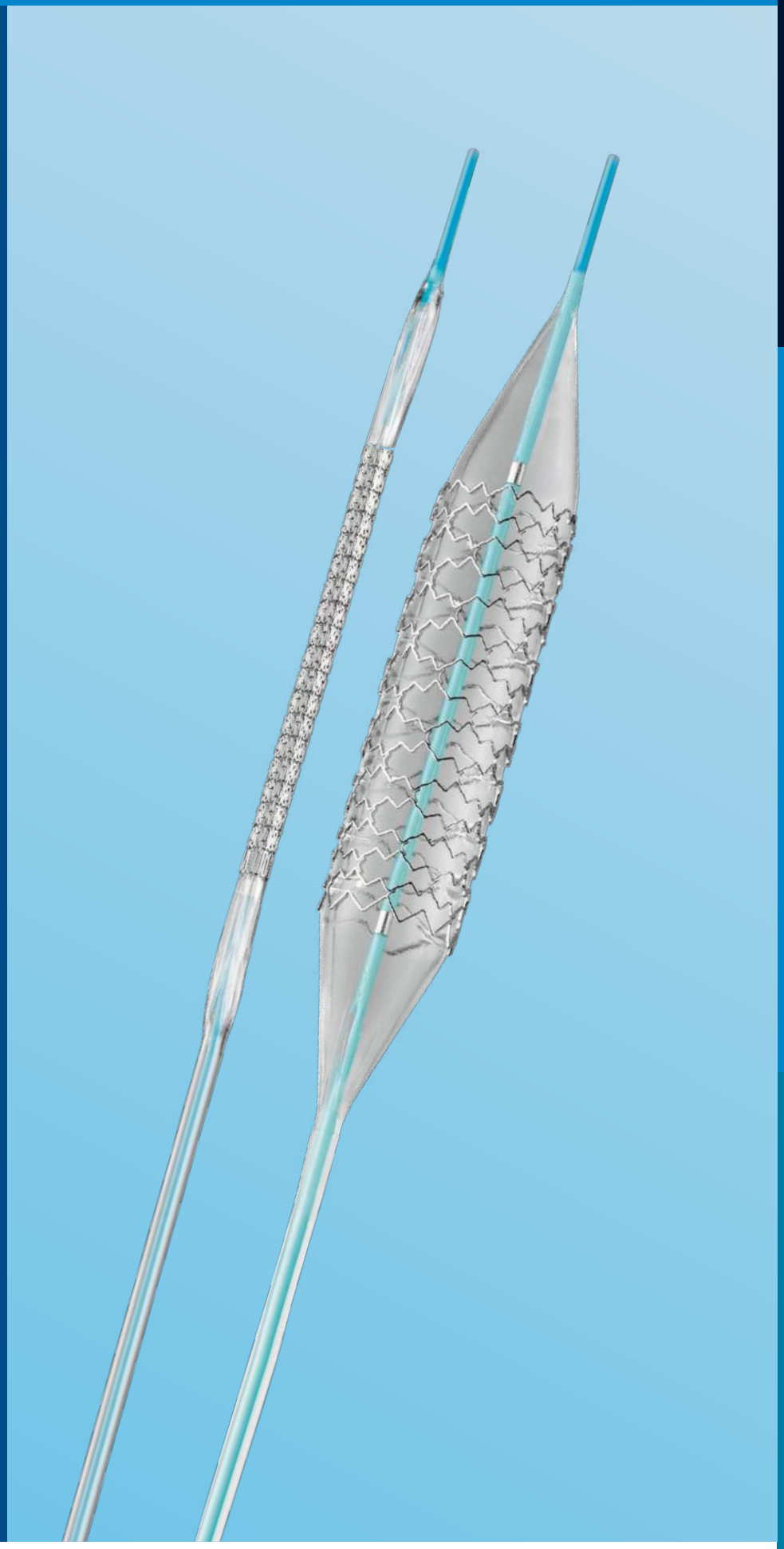
TECHNICAL SPECIFICATIONS

STENT

Stent design	Closed cell
Stent material	Stainless Steel
Stent inner diameter	4.0, 5.0, 5.5, 6.0, 6.5, 7.0 mm
Stent length	10, 15, 20, 24 mm
Strut thickness / width	165 / 110 µm

STENT DELIVERY SYSTEM

Catheter design	RX (Rapid Exchange)
Shaft diameter prox./ dist.	2.3 F / 3.5 F
Usable shaft length	80 and 145 cm
Recommended guidewire	0.014"
Introducer sheath compatibility	5 F
Guiding catheter compatibility	6 F (> 0.066")
Nominal Pressure	8 bar



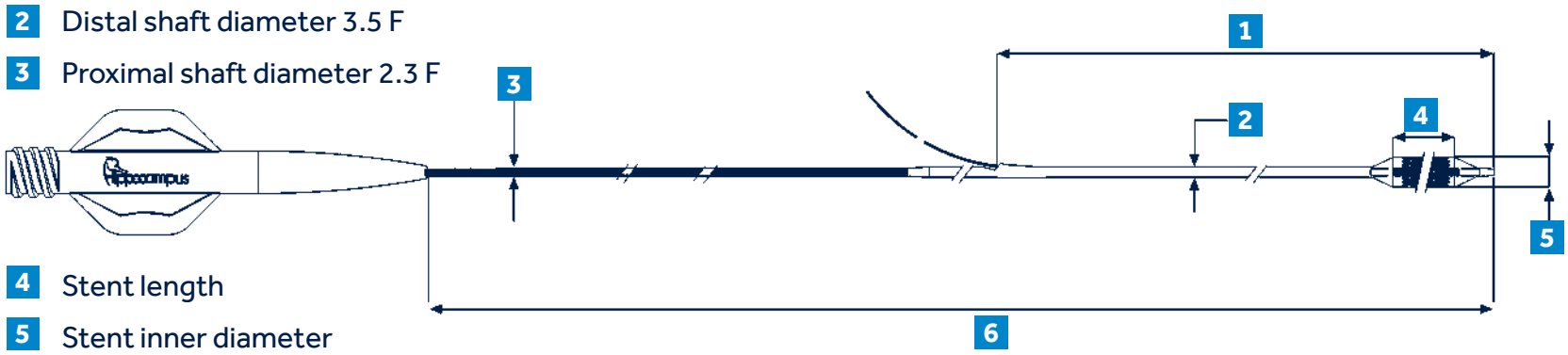
Hippocampus™

Renal RX Stent System 0.014"

ORDER INFORMATION

Product Catalogue Number		Stent inner Ø (mm)	Stent length (mm)	RBP (bar)
Usable length 80 cm	Usable length 145 cm			
IHP040 100 080	IHP040 100 145	4.0	10	15
IHP040 150 080	IHP040 150 145	4.0	15	15
IHP040 200 080	IHP040 200 145	4.0	20	15
IHP050 100 080	IHP050 100 145	5.0	10	15
IHP050 150 080	IHP050 150 145	5.0	15	15
IHP050 200 080	IHP050 200 145	5.0	20	15
IHP050 240 080	IHP050 240 145	5.0	24	15
IHP055 100 080	IHP055 100 145	5.5	10	15
IHP055 150 080	IHP055 150 145	5.5	15	15
IHP055 200 080	IHP055 200 145	5.5	20	15
IHP060 100 080	IHP060 100 145	6.0	10	14
IHP060 150 080	IHP060 150 145	6.0	15	14
IHP060 200 080	IHP060 200 145	6.0	20	14
IHP060 240 080	IHP060 240 145	6.0	24	14
IHP065 150 080	IHP065 150 145	6.5	15	14
IHP065 200 080	IHP065 200 145	6.5	20	14
IHP070 150 080	IHP070 150 145	7.0	15	14
IHP070 200 080	IHP070 200 145	7.0	20	14
IHP070 240 080	IHP070 240 145	7.0	24	14

1 RX section, 15 cm
2 Distal shaft diameter 3.5 F
3 Proximal shaft diameter 2.3 F



4 Stent length
5 Stent inner diameter
6 Usable shaft length

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IntraStent™ LD

Large Diameter Stents

The IntraStent™ LD stent family of large-lumen stainless steel stents has been designed to supply a larger diameter device with the flexibility, strength, coverage, and profile normally associated with smaller diameter stents.

Three models are available:

InstraStent™ DoubleStrut™ LD peripheral stent

- Four-cell design for balanced radial strength and flexibility
- Low profile, 8 F introducer sheath
- Best choice for flexibility

InstraStent™ Mega™ LD peripheral stent

- Five-cell design for increased radial strength over the DoubleStrut LD Stent
- 9 F sheath compatibility
- Best choice for strength and flexibility

InstraStent™ Max™ LD peripheral stent

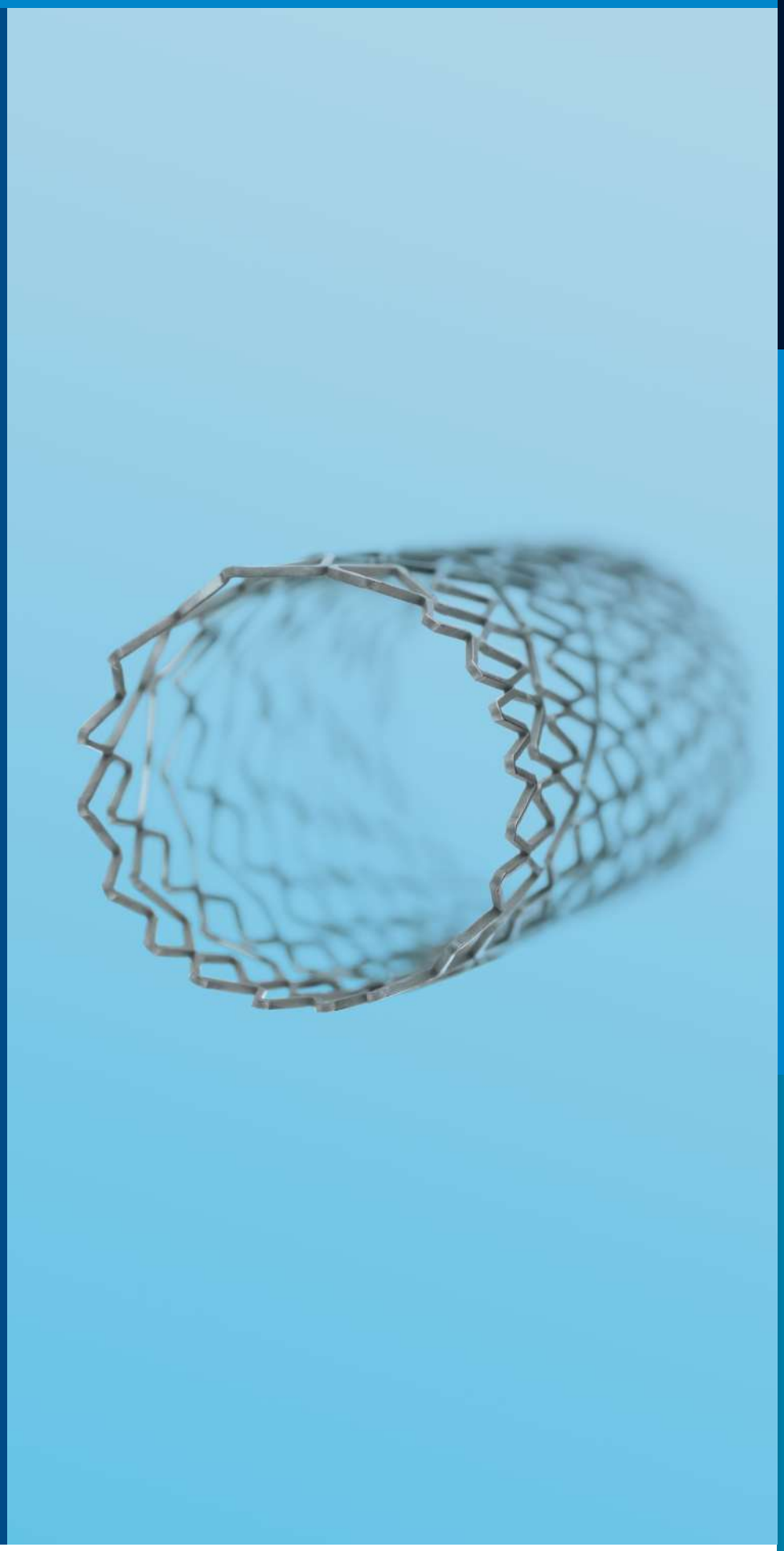
- Six-cell design for maximum strength and coverage
- 11 F sheath compatibility
- Best for strength

More choices

- The LD series of stents is available in a variety of designs to accommodate the unique needs of your patients

Innovative design

- Flexibility, strength and coverage delivered in ways not found in other large lumen stents
- Minimal shortening after expansion up to 12 mm
- Rounded edges minimize potential for lumen trauma



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IntraStent™ LD

Large Diameter Stents

INTRASTENT™ LD STENT FAMILY

Product Catalogue Number	Un-expanded Stent Size		Expanded Stent Size	
	Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)
Intrastent™ LD Doublestrut™				
90-1504-000	3.8	16.0	9, 10, 11, 12	16.0
90-1504-001	3.8	26.0	9, 10, 11, 12	26.0
90-1504-002	3.8	36.0	9, 10, 11, 12	36.0
90-1504-003	3.8	56.0	9, 10, 11, 12	56.0
90-1504-004	3.8	76.0	9, 10, 11, 12	76.0
Intrastent™ LD Mega™				
90-2336-000	3.8	16.0	9, 10, 11, 12	16.0
90-2336-001	3.8	26.0	9, 10, 11, 12	26.0
90-2336-002	3.8	36.0	9, 10, 11, 12	36.0
Intrastent™ LD Max™				
90-2337-000	4.5	16.0	12	16.0
90-2337-001	4.5	26.0	12	26.0
90-2337-002	4.5	36.0	12	36.0

Specifications Nominal
INDICATIONS: The IntraStent™ LD Double Strut™, IntraStent™ LD Mega™ and the IntraStent™ LD Max™ stents are indicated for use in iliac and subclavian arteries. The IntraStent™ LD Double Strut™ is also indicated for malignant biliary use.

INTRASTENT™ LD STENT MEGA™ AND LD MAX™ STENT EXPANSION CHART

Stent Expanded Diameter (mm)	IntraStent™ LD Mega™ Stent Lengths (mm)			IntraStent™ LD Max™ Stent Lengths (mm)		
	16	26	36	16	26	36
9	16.0	26.0	36.0	16.0	26.0	36.0
10	16.0	26.0	36.0	16.0	26.0	36.0
12	16.0	26.0	36.0	16.0	26.0	36.0
14	14.0	24.0	34.0	15.5	25.5	35.5
16	13.0	22.5	32.5	15.0	25.0	35.0
18	12.0	21.5	31.0	14.5	24.5	34.5
20				14.0	24.0	34.0
22				13.5	23.0	33.0
25				13.0	22.0	32.0

Stent was expanded in a single increment, Stepped expansion will result in less shortening of the stent.

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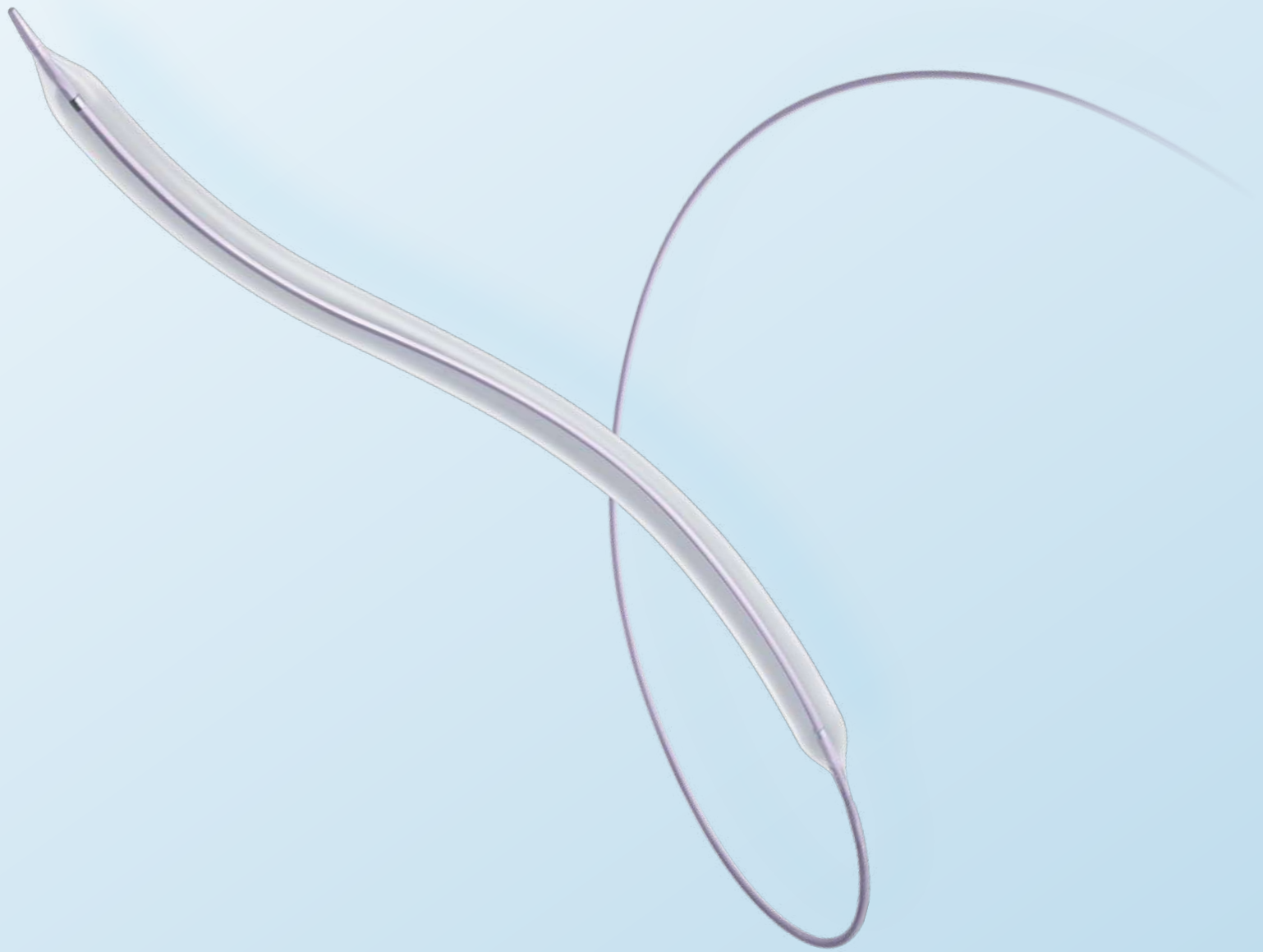
PTA
BALLOONS



Admiral™ Xtreme™

PTA Balloon Catheter OTW 0.035"

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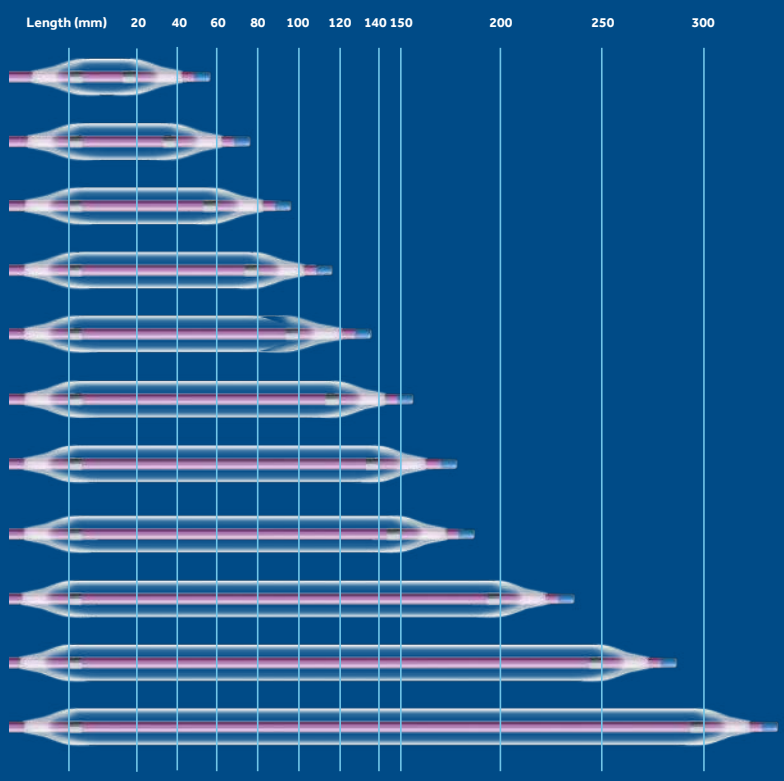
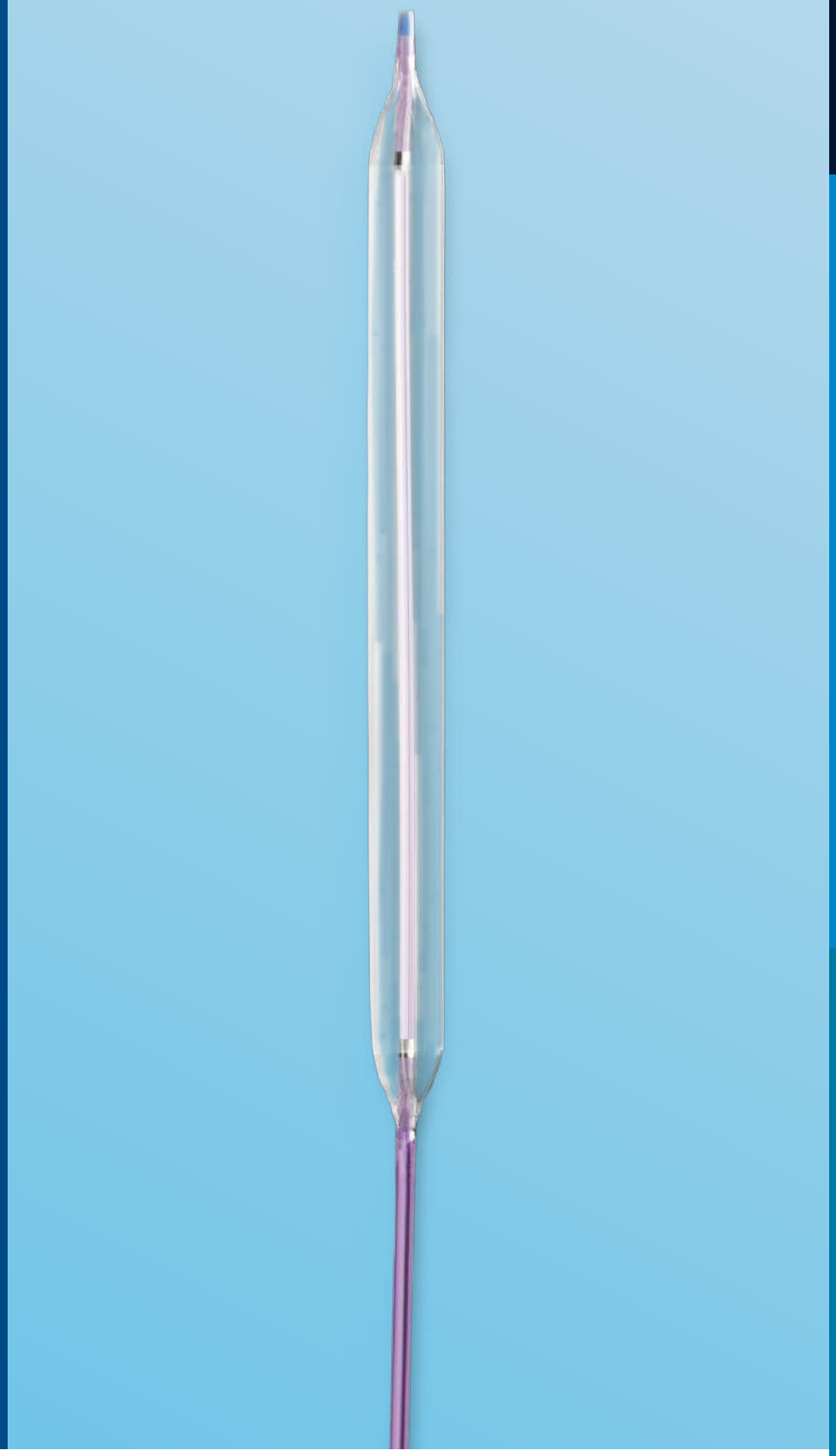
TECHNICAL SPECIFICATIONS

Catheter design	Over the Wire (OTW)
Balloon coating	LFC Hydrophilic
Balloon marker	2 swaged (zero profile) Platinum Iridium
Shaft diameter	5 F – 5.3 F
Usable shaft lengths	80 cm, 130 cm, 150 cm
Introducer sheath compatility	5 F – 6 F – 7 F
Guidewire compatibility	0.035"





Admiral™ Xtreme™

PTA Balloon Catheter OTW 0.035"

ORDER INFORMATION

Ref. N° Usable Length 80 cm	Ref. N° Usable Length 130 cm	Ref. N° Usable Length 150 cm	Balloon Ø (mm)	Balloon Length (mm)	Recom. Introducer Sheath (F)	RBP (Bar)
SBI030020080	SBI030020130		3	20	5	18
SBI030040080	SBI030040130		3	40	5	18
SBI030080080	SBI030080130		3	80	5	18
SBI030100080	SBI030100130		3	100	5	18
SBI030120080	SBI030120130		3	120	5	18
SBI040020080	SBI040020130	SBI040020150	4	20	5	18
SBI040040080	SBI040040130	SBI040040150	4	40	5	18
SBI040060080	SBI040060130	SBI040060150	4	60	5	18
SBI040080080	SBI040080130	SBI040080150	4	80	5	18
SBI040100080	SBI040100130	SBI040100150	4	100	5	18
SBI040120080	SBI040120130	SBI040120150	4	120	5	18
SBI040150080	SBI040150130	SBI040150150	4	150	5	14
SBI040200080	SBI040200130	SBI040200150	4	200	5	14
SBI040250080	SBI040250130		4	250	5	14
SBI040300080	SBI040300130		4	300	5	14
SBI050020080	SBI050020130	SBI050020150	5	20	5	17
SBI050040080	SBI050040130	SBI050040150	5	40	5	17
SBI050060080	SBI050060130	SBI050060150	5	60	5	17
SBI050080080	SBI050080130	SBI050080150	5	80	5	15
SBI050100080	SBI050100130	SBI050100150	5	100	5	15
SBI050120080	SBI050120130	SBI050120150	5	120	5	15
SBI050150080	SBI050150130	SBI050150150	5	150	5	14
SBI050200080	SBI050200130	SBI050200150	5	200	5	14
SBI050250080	SBI050250130		5	250	5	14
SBI050300080L	SBI050300130L		5	300	5	14
SBI060020080	SBI060020130	SBI060020150	6	20	5	17
SBI060040080	SBI060040130	SBI060040150	6	40	5	17
SBI060060080	SBI060060130	SBI060060150	6	60	5	17
SBI060080080	SBI060080130	SBI060080150	6	80	5	15
SBI060100080	SBI060100130	SBI060100150	6	100	5	15
SBI060120080	SBI060120130	SBI060120150	6	120	5	15
SBI060150080	SBI060150130	SBI060150150	6	150	5	12
SBI060200080L	SBI060200130L	SBI060200150	6	200	5	12
SBI060250080L	SBI060250130L		6	250	5	12
SBI060300080L	SBI060300130L		6	300	5	12
SBI070020080	SBI070020130	SBI070020150	7	20	5	16
SBI070040080	SBI070040130	SBI070040150	7	40	5	16
SBI070060080	SBI070060130	SBI070060150	7	60	5	14
SBI070080080	SBI070080130	SBI070080150	7	80	5	14
SBI070100080	SBI070100130	SBI070100150	7	100	5	12
SBI070120080L	SBI070120130L	SBI070120150	7	120	5	12
SBI070150080L	SBI070150130L	SBI070150150	7	150	5	12
SBI070200080L	SBI070200130L	SBI070200150	7	200	5	12
SBI070250080	SBI070250130		7	250	6	12
SBI080020080	SBI080020130		8	20	6	14
SBI080040080	SBI080040130		8	40	6	14
SBI080060080	SBI080060130		8	60	6	11
SBI080080080	SBI080080130		8	80	6	11
SBI090020080	SBI090020130		9	20	6	14
SBI090040080	SBI090040130		9	40	6	14
SBI090060080	SBI090060130		9	60	6	11
SBI090080080	SBI090080130		9	80	6	11
SBI100020080	SBI100020130		10	20	6	11
SBI100040080	SBI100040130		10	40	6	11
SBI120020080	SBI120020130		12	20	7	11
SBI120040080	SBI120040130		12	40	7	11

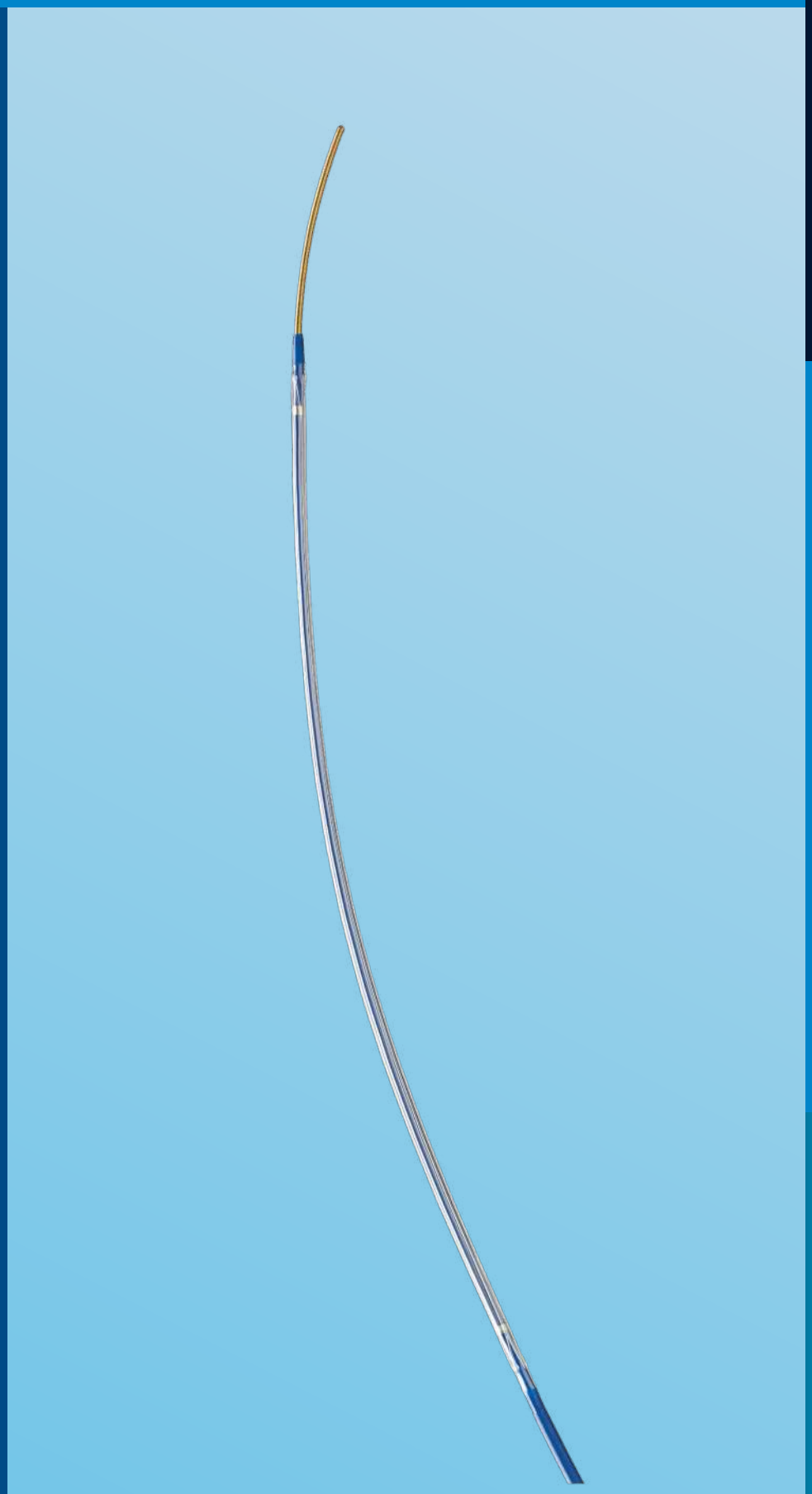
EverCross™

OTW PTA Dilatation Catheter 0.035"

EverCross™ 0.035" PTA balloon is an over-the-wire, 0.035" balloon catheter that features a bevel 360° tip for smooth tip to wire tracking. EverCross™ nylon folds, extending the length of the balloon, were engineered for superior rewrap, facilitating multiple inflations and insertions. Each system includes: One PTA balloon catheter and one compliance chart.

TECHNICAL SPECIFICATIONS

Catheter design	Over-the-wire
Useable catheteer lengths	40, 80 and 135cm
Introducer sheath compatibility	5, 6 F
Guidewire compatibility	0.035"



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VENOUS

EverCross™

OTW PTA Dilatation Catheter 0.035"

ORDER INFORMATION

Product Catalogue Number			Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath (Fr)
Usable Shaft Length 135cm	Usable Shaft Length 80cm	Usable Shaft Length 40cm					
AB35W03020135	AB35W03020080	-	3.0	20	10	20	5
AB35W03030135	AB35W03030080	-	3.0	30	10	20	5
AB35W03040135	AB35W03040080	-	3.0	40	10	20	5
AB35W03060135	AB35W03060080	-	3.0	60	10	20	5
AB35W03080135	AB35W03080080	-	3.0	80	10	20	5
AB35W03100135	AB35W03100080	-	3.0	100	10	20	5
AB35W03120135	AB35W03120080	-	3.0	120	10	20	5
AB35W03150135	AB35W03150080	-	3.0	150	10	20	5
AB35W03200135	AB35W03200080	-	3.0	200	10	20	5
AB35W04020135	AB35W04020080	-	4.0	20	10	20	5
AB35W04030135	AB35W04030080	-	4.0	30	10	20	5
AB35W04040135	AB35W04040080	-	4.0	40	10	20	5
AB35W04060135	AB35W04060080	-	4.0	60	10	20	5
AB35W04080135	AB35W04080080	-	4.0	80	10	20	5
AB35W04100135	AB35W04100080	-	4.0	100	10	20	5
AB35W04120135	AB35W04120080	-	4.0	120	10	20	5
AB35W04150135	AB35W04150080	-	4.0	150	10	20	5
AB35W04200135	AB35W04200080	-	4.0	200	10	20	5
AB35W05020135	AB35W05020080	AB35W05020040	5.0	20	10	18	5
AB35W05030135	AB35W05030080	AB35W05030040	5.0	30	10	18	5
AB35W05040135	AB35W05040080	AB35W05040040	5.0	40	10	18	5
AB35W05060135	AB35W05060080	AB35W05060040	5.0	60	10	18	5
AB35W05080135	AB35W05080080	AB35W05080040	5.0	80	10	18	5
AB35W05100135	AB35W05100080	-	5.0	100	10	18	5
AB35W05120135	AB35W05120080	AB35W05120040	5.0	120	10	16	5
AB35W05150135	AB35W05150080	-	5.0	150	10	16	5
AB35W05200135	AB35W05200080	-	5.0	200	10	16	5
AB35W06020135	AB35W06020080	AB35W06020040	6.0	20	8	14	5
AB35W06030135	AB35W06030080		6.0	30	8	14	5

EverCross™

OTW PTA Dilatation Catheter 0.035"

ORDER INFORMATION

Product Catalogue Number			Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath (Fr)
Usable Shaft Length 135cm	Usable Shaft Length 80cm	Usable Shaft Length 40cm					
AB35W06040135	AB35W06040080	AB35W06040040	6.0	40	8	14	5
AB35W06060135	AB35W06060080	-	6.0	60	8	14	5
AB35W06080135	AB35W06080080	AB35W06080040	6.0	80	8	14	5
AB35W06100135	AB35W06100080	-	6.0	100	8	14	5
AB35W06120135	AB35W06120080	AB35W06120040	6.0	120	8	12	5
AB35W06150135	AB35W06150080	-	6.0	150	8	12	5
AB35W06200135	AB35W06200080	-	6.0	200	8	11	6
AB35W07020135	AB35W07020080	AB35W07020040	7.0	20	7	14	5
AB35W07030135	AB35W07030080	-	7.0	30	7	14	5
AB35W07040135	AB35W07040080	AB35W07040040	7.0	40	7	14	5
AB35W07060135	AB35W07060080	AB35W07060040	7.0	60	7	14	6
AB35W07080135	AB35W07080080	-	7.0	80	7	14	6
AB35W07100135	AB35W07100080	-	7.0	100	7	14	6
AB35W07120135	AB35W07120080	-	7.0	120	7	10	6
AB35W07150135	AB35W07150080	-	7.0	150	7	10	6
AB35W07200135	AB35W07200080	-	7.0	200	7	10	6
AB35W08020135	AB35W08020080	AB35W08020040	8.0	20	7	14	6
AB35W08030135	AB35W08030080	-	8.0	30	7	14	6
AB35W08040135	AB35W08040080	AB35W08040040	8.0	40	7	14	6
AB35W08060135	AB35W08060080	AB35W08060040	8.0	60	7	14	6
AB35W08080135	AB35W08080080	-	8.0	80	7	14	6
AB35W09020135	AB35W09020080	-	9.0	20	7	12	6
AB35W09030135	AB35W09030080	-	9.0	30	7	12	6
AB35W09040135	AB35W09040080	-	9.0	40	7	12	6
AB35W09060135	AB35W09060080	-	9.0	60	7	12	6
AB35W09080135	AB35W09080080	-	9.0	80	7	12	6
AB35W10020135	AB35W10020080	-	10.0	20	7	11	6
AB35W10030135	AB35W10030080	-	10.0	30	7	11	6
AB35W10040135	AB35W10040080	-	10.0	40	7	11	6
AB35W10060135	AB35W10060080	-	10.0	60	7	11	7
AB35W12020135	AB35W12020080	-	12.0	20	7	10	7
AB35W12040135	AB35W12040080	-	12.0	40	7	10	7
AB35W12060135	AB35W12060080	-	12.0	60	7	10	7

INDICATIONS: The EverCross™ 0.035" over-the-wire PTA dilatation catheter is intended to dilate stenoses in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, 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.

Fortrex™

PTA Balloon Catheter OTW 0.035"

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Predictable high-pressure treatment for AV access lesions

The high-pressure Fortrex™ PTA Balloon is the next-generation solution for deliverability, predictability, and procedural efficiency.

Deliverability

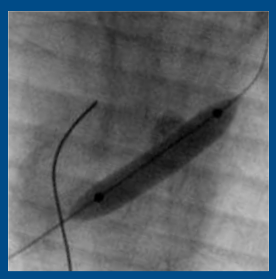
- Low tip entry profile enables tight tracking on the wire
- Robust, flexible shaft design facilitates successful navigation in tortuous vessels

Procedural efficiency

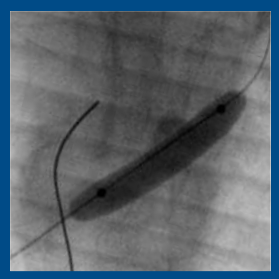
- Rapid deflation time contributes to reduced procedure length
- Balloon material and wall thickness permit reliable balloon rewrap into the sheath

Predictability

- Balloon material and design allow for shape retention at higher pressure
- Focal pressure is exerted on the lesion for controlled, targeted treatment



Fortrex™ Balloon
Pressure is directed toward the lesion



Competitive Design
Pressure is lost longitudinally

[1] Coriolis-Competitive Cheat Sheet - RE-PV1461.p.6.8-9.
[2] Coriolis-Competitive Cheat Sheet - RE-PV1461.p.7.
[3] Coriolis-Competitive Cheat Sheet - RE-PV1461.p.5.16-17-17-Competitive

Fortrex™

PTA Balloon Catheter OTW 0.035"

ORDER INFORMATION

Product Catalogue Number			Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath (F)
135 cm Catheter Length	80 cm Catheter Length	40 cm Catheter Length					
A35HPV04020135	A35HPV04020080	A35HPV04020040	4	20	12	24	6
A35HPV04040135	A35HPV04040080	A35HPV04040040	4	40	12	24	6
A35HPV04080135	A35HPV04080080	A35HPV04080040	4	80	12	24	6
A35HPV04100135	A35HPV04100080	A35HPV04100040	4	100	12	24	6
A35HPV05020135	A35HPV05020080	A35HPV05020040	5	20	12	24	6
A35HPV05040135	A35HPV05040080	A35HPV05040040	5	40	12	24	6
A35HPV05080135	A35HPV05080080	A35HPV05080040	5	80	12	24	6
A35HPV05100135	A35HPV05100080	A35HPV05100040	5	100	12	24	6
A35HPV06020135	A35HPV06020080	A35HPV06020040	6	20	12	24	6
A35HPV06040135	A35HPV06040080	A35HPV06040040	6	40	12	24	6
A35HPV06080135	A35HPV06080080	A35HPV06080040	6	80	12	23	6
A35HPV06100135	A35HPV06100080	A35HPV06100040	6	100	12	23	6
A35HPV07020135	A35HPV07020080	A35HPV07020040	7	20	9	20	6
A35HPV07040135	A35HPV07040080	A35HPV07040040	7	40	9	20	6
A35HPV07080135	A35HPV07080080	A35HPV07080040	7	80	9	20	6
A35HPV07100135	A35HPV07100080	A35HPV07100040	7	100	9	20	6
A35HPV08040135	A35HPV08040080	A35HPV08040040	8	40	9	20	6
A35HPV08080135	A35HPV08080080	A35HPV08080040	8	80	9	19	6
A35HPV08100135	A35HPV08100080	A35HPV08100040	8	100	9	18	6
A35HPV09040135	A35HPV09040080	A35HPV09040040	9	40	9	18	7
A35HPV09080135	A35HPV09080080	A35HPV09080040	9	80	9	18	7
A35HPV10040135	A35HPV10040080	A35HPV10040040	10	40	8	16	7
A35HPV10080135	A35HPV10080080	A35HPV10080040	10	80	8	16	7
A35HPV12040135	A35HPV12040080	A35HPV12040040	12	40	8	14	7
A35HPV12080135	A35HPV12080080	A35HPV12080040	12	80	7	12	7

Pacific™ Plus

PTA Balloon Catheter OTW 0.018″

AORTIC

PERIPHERAL

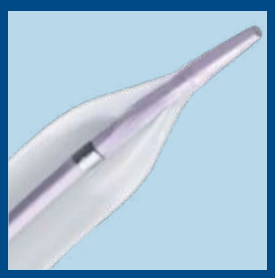
VENOUS

Versatility for everyday and beyond

- Versatile shaft lengths and guidewire compatibility for more access options
- Proprietary balloon technology allows for great crossability*
- Improved shaft design for faster deflation*

TECHNICAL SPECIFICATIONS

Catheter design	Over-the-wire
Balloon coating	Hydrophilic
Balloon marker	2 swaged, platinum iridium
Shaft diameter	4.0 F
Usable shaft lengths	90, 130 and 180 cm
Introducer sheath compatility	4.0 F
Guidewire compatibility	0.018″



Tapered tip

* Six samples of each brand tested, 5 mm x 40 mm. Medtronic data on file. Bench test results may not be indicative of clinical performance.

Pacific™ Plus

PTA Balloon Catheter OTW 0.018"

ORDER INFORMATION

Product Catalogue Number			Balloon Diameter (mm)	Balloon Length (mm)	Recommended Introducer Sheath (F)	Nominal Pressure (atm)	RBP (atm)
Usable Length 90 cm	Usable Length 130 cm	Usable Length 180 cm					
PCE 020 020 090	PCE 020 020 130		2.00	20	4	8	22
PCE 020 040 090	PCE 020 040 130	PCE 020 040 180	2.00	40	4	8	22
PCE 020 060 090	PCE 020 060 130		2.00	60	4	8	22
PCE 020 080 090	PCE 020 080 130	PCE 020 080 180	2.00	80	4	8	22
PCE 020 120 090	PCE 020 120 130	PCE 020 120 180	2.00	120	4	8	22
PCE 020 150 090	PCE 020 150 130	PCE 020 150 180	2.00	150	4	8	22
PCE 025 020 090	PCE 025 020 130		2.50	20	4	8	16
PCE 025 040 090	PCE 025 040 130	PCE 025 040 180	2.50	40	4	8	16
PCE 025 060 090	PCE 025 060 130		2.50	60	4	8	16
PCE 025 080 090	PCE 025 080 130	PCE 025 080 180	2.50	80	4	8	16
PCE 025 120 090	PCE 025 120 130	PCE 025 120 180	2.50	120	4	8	16
PCE 025 150 090	PCE 025 150 130	PCE 025 150 180	2.50	150	4	8	16
PCE 030 020 090	PCE 030 020 130		3.00	20	4	8	16
PCE 030 040 090	PCE 030 040 130	PCE 030 040 180	3.00	40	4	8	16
PCE 030 060 090	PCE 030 060 130		3.00	60	4	8	16
PCE 030 080 090	PCE 030 080 130	PCE 030 080 180	3.00	80	4	8	16
PCE 030 120 090	PCE 030 120 130	PCE 030 120 180	3.00	120	4	8	16
PCE 030 150 090	PCE 030 150 130	PCE 030 150 180	3.00	150	4	8	16
PCE 035 020 090	PCE 035 020 130		3.50	20	4	8	16
PCE 035 040 090	PCE 035 040 130		3.50	40	4	8	16
PCE 035 060 090	PCE 035 060 130		3.50	60	4	8	16
PCE 035 080 090	PCE 035 080 130		3.50	80	4	8	16
PCE 035 120 090	PCE 035 120 130		3.50	120	4	8	16
PCE 035 150 090	PCE 035 150 130		3.50	150	4	8	16
PCE 040 020 090	PCE 040 020 130		4.00	20	4	8	14
PCE 040 040 090	PCE 040 040 130	PCE 040 040 180	4.00	40	4	8	14
PCE 040 060 090	PCE 040 060 130		4.00	60	4	8	14
PCE 040 080 090	PCE 040 080 130	PCE 040 080 180	4.00	80	4	8	14
PCE 040 120 090	PCE 040 120 130	PCE 040 120 180	4.00	120	4	8	14
PCE 050 020 090	PCE 050 020 130		5.00	20	4	8	14
PCE 050 040 090	PCE 050 040 130	PCE 050 040 180	5.00	40	4	8	14
PCE 050 060 090	PCE 050 060 130	PCE 050 060 180	5.00	60	4	8	14
PCE 050 080 090	PCE 050 080 130	PCE 050 080 180	5.00	80	4	8	14
PCE 050 120 090	PCE 050 120 130	PCE 050 120 180	5.00	120	4	8	14
PCE 060 020 090	PCE 060 020 130		6.00	20	4	8	14
PCE 060 040 090	PCE 060 040 130	PCE 060 040 180	6.00	40	4	8	14
PCE 060 060 090	PCE 060 060 130		6.00	60	4	8	14
PCE 060 080 090	PCE 060 080 130	PCE 060 080 180	6.00	80	4	8	14
PCE 060 120 090	PCE 060 120 130	PCE 060 120 180	6.00	120	4	8	14
PCE 070 020 090	PCE 070 020 130		7.00	20	4	8	12
PCE 070 040 090	PCE 070 040 130	PCE 070 040 180	7.00	40	4	8	12
PCE 070 060 090	PCE 070 060 130		7.00	60	4	8	12
PCE 070 080 090	PCE 070 080 130	PCE 070 080 180	7.00	80	5	8	12
PCE 070 120 090	PCE 070 120 130	PCE 070 120 180	7.00	120	5	8	12

Pacific™ Xtreme™

PTA Balloon Catheter OTW 0.018"

AORTIC

PERIPHERAL

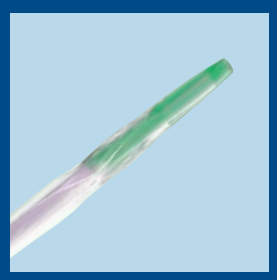
VENOUS

Versatility for everyday and beyond

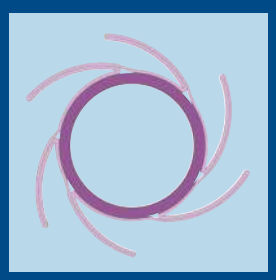
- Balloons from 150-300 mm for treating long femoropopliteal lesions
- Strong pushability and kink resistance combined with excellent flexibility*
- Low profile introducer sheath compatibility for less possible puncture trauma**

TECHNICAL SPECIFICATIONS

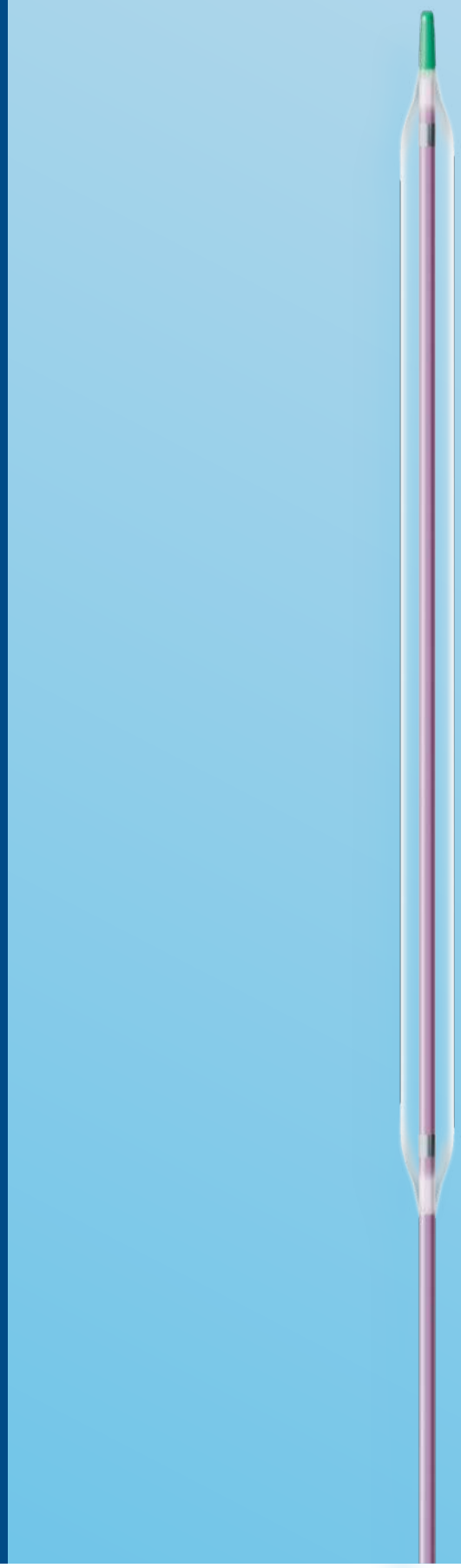
Catheter design	Over-the-wire, Coaxial Shaft
Balloon coating	Hydrophilic
Balloon marker	2 swaged, platinum iridium
Shaft diameter	3.9 – 4.2 F
Usable shaft lengths	90, 130 and 180 cm
Introducer sheath compatility	4,5 F
Guidewire compatibility	0.018"



Tapered tip



Six-fold balloon



* Bench test data on file at Medtronic, Inc. Test data not indicative of clinical performance.
** 4F/5F depending on diameter and length.

Pacific™ Xtreme

PTA Balloon Catheter OTW 0.018"

ORDER INFORMATION

Product Catalogue Number			Balloon Diameter (mm)	Balloon Length (mm)	Recommended Introducer Sheath (F)	Nominal Pressure (atm)	RBP (atm)
Usable Length 90 cm	Usable Length 130 cm	Usable Length 180 cm					
PCF 040 150 090	PCF 040 150 130	PCF 040 150 180	4.00	150	4	6	14
PCF 040 200 090	PCF 040 200 130		4.00	200	4	6	14
PCF 040 250 090	PCF 040 250 130		4.00	250	4	6	14
PCF 040 300 090	PCF 040 300 130		4.00	300	4	6	14
PCF 050 150 090	PCF 050 150 130	PCF 050 150 180	5.00	150	4	6	14
PCF 050 200 090	PCF 050 200 130		5.00	200	4	6	14
PCF 050 250 090	PCF 050 250 130		5.00	250	5	6	14
PCF 050 300 090	PCF 050 300 130		5.00	300	5	6	14
PCF 060 150 090	PCF 060 150 130		6.00	150	5	6	12
PCF 060 200 090	PCF 060 200 130		6.00	200	5	6	12
PCF 060 250 090	PCF 060 250 130		6.00	250	5	6	12
PCF 060 300 090	PCF 060 300 130		6.00	300	5	6	12
PCF 070 150 090	PCF 070 150 130		7.00	150	5	6	12
PCF 070 200 090	PCF 070 200 130		7.00	200	5	6	12
PCF 070 250 090	PCF 070 250 130		7.00	250	5	6	12

Submarine™ Rapido

PTA Balloon Catheter RX 0.018"

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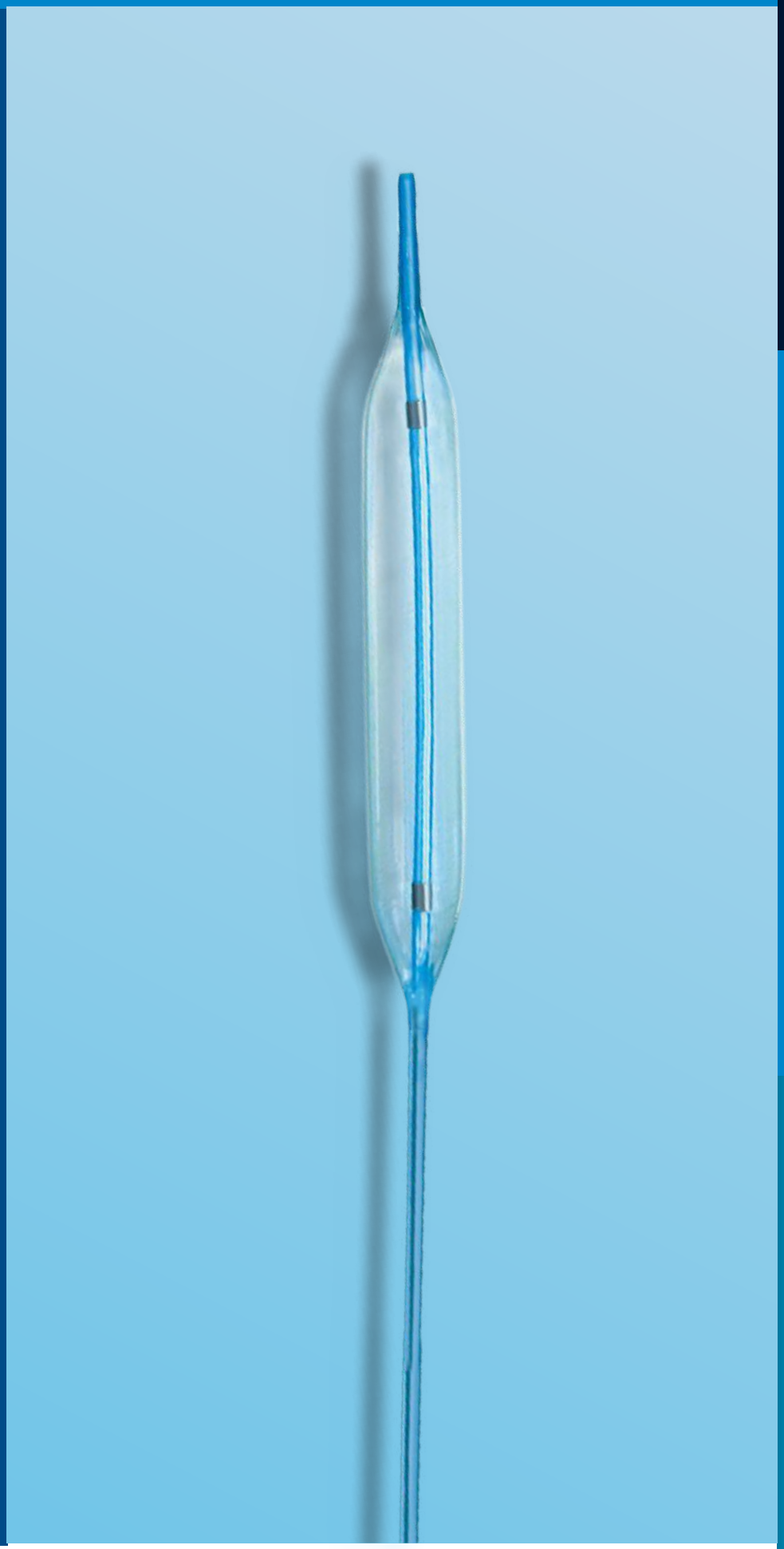

Low profile with strength and control

Low profile

Compatible with 6F guiding catheter***

- Swaged "zero profile" markers enable easy penetration of the target lesion
- Special 3-folded balloon minimizes the re-wrap profile
- 0.021" tip entry profile to enhance crossability of subocclusive lesions

Strength and control

For carotid** and renal interventions, a delicate and high performance PTA is required

- Flexitec LP material allows for a wide working range from nominal pressure of 7 bar up to 17 bar RBP
- Controlled balloon compliance for exact sizing and reliable balloon performance

Shaft design

- Push transmission by homogeneous RX transition and adequate flexibility of the distal part
- Hydrophilic coating for swift and easy navigation

Size mix

- Broad size mix (including diameters up to 7 mm) makes this catheter appropriate for carotid* and renal interventions

TECHNICAL SPECIFICATIONS

Catheter design	Rapid exchange (RX)
Balloon coating	Hydrophilic
Balloon marker	2 swaged, Platinum Iridium
Shaft diameter	Proximal 2.3 F Distal 3.0 – 3.5 F
Usable shaft lengths	135 cm
Introducer sheath compatility	6,7 F
Guidewire compatibility	0.018"
Nominal pressure	7 atm

* Bench test data on file at Medtronic. Test data not indicative of actual performance.
** All codes with balloon lengths up to 40mm are certified for Carotid application.
*** Up to 6mm balloon diameter.

Submarine™ Rapido

PTA Balloon Catheter RX 0.018"

ORDER INFORMATION

Product Catalogue Number Shaft Length 135 cm	Balloon Diameter (mm)	Balloon Length (mm)	RBP (atm)	Usable Shaft Length (cm)	Guiding Catheter Compatibility (F)	Distal Shaft Diameter (F)
SBR 020 020 135	2.00	20	17	135	6	3.0
SBR 020 040 135	2.00	40	17	135	6	3.0
SBR 020 060 135	2.00	60	15	135	6	3.0
SBR 025 020 135	2.50	20	17	135	6	3.0
SBR 025 040 135	2.50	40	17	135	6	3.0
SBR 025 060 135	2.50	60	15	135	6	3.0
SBR 030 020 135	3.00	20	17	135	6	3.0
SBR 030 040 135	3.00	40	17	135	6	3.0
SBR 030 060 135	3.00	60	15	135	6	3.0
SBR 030 080 135	3.00	80	15	135	6	3.0
SBR 035 020 135	3.50	20	17	135	6	3.5
SBR 035 030 135	3.50	30	17	135	6	3.5
SBR 040 020 135	4.00	20	17	135	6	3.5
SBR 040 030 135	4.00	30	17	135	6	3.5
SBR 040 040 135	4.00	40	17	135	6	3.5
SBR 045 020 135	4.50	20	17	135	6	3.5
SBR 045 040 135	4.50	40	17	135	6	3.5
SBR 050 020 135	5.00	20	16	135	6	3.5
SBR 050 030 135	5.00	30	16	135	6	3.5
SBR 050 040 135	5.00	40	16	135	6	3.5
SBR 055 020 135	5.50	20	16	135	6	3.5
SBR 055 030 135	5.50	30	16	135	6	3.5
SBR 055 040 135	5.50	40	16	135	6	3.5
SBR 060 020 135	6.00	20	16	135	6	3.5
SBR 060 030 135	6.00	30	16	135	6	3.5
SBR 060 040 135	6.00	40	16	135	6	3.5
SBR 065 020 135	6.50	20	16	135	7	3.5
SBR 065 030 135	6.50	30	16	135	7	3.5
SBR 065 040 135	6.50	40	16	135	7	3.5
SBR 070 020 135	7.00	20	16	135	7	3.5
SBR 070 030 135	7.00	30	16	135	7	3.5
SBR 070 040 135	7.00	40	16	135	7	3.5

The Submarine Rapido PTA catheter is indicated for PTA in patients with obstructive disease in peripheral arteries (i.e. carotid, supraaortic, ilio-femoral, popliteal, infrapopliteal, and renal arteries).

Amphirion™ Deep

Infrapopliteal PTA Balloon Catheter OTW 0.014"

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Easy access to the extremities*

- Tip profile (0.017")
- LFC hydrophilic coating
- Three-step shaft design to optimize tracking through distal vessels
- Reinforced proximal shaft design for strong pushability
- 4 F compatible in all sizes

Balloon sizes to accommodate your needs*

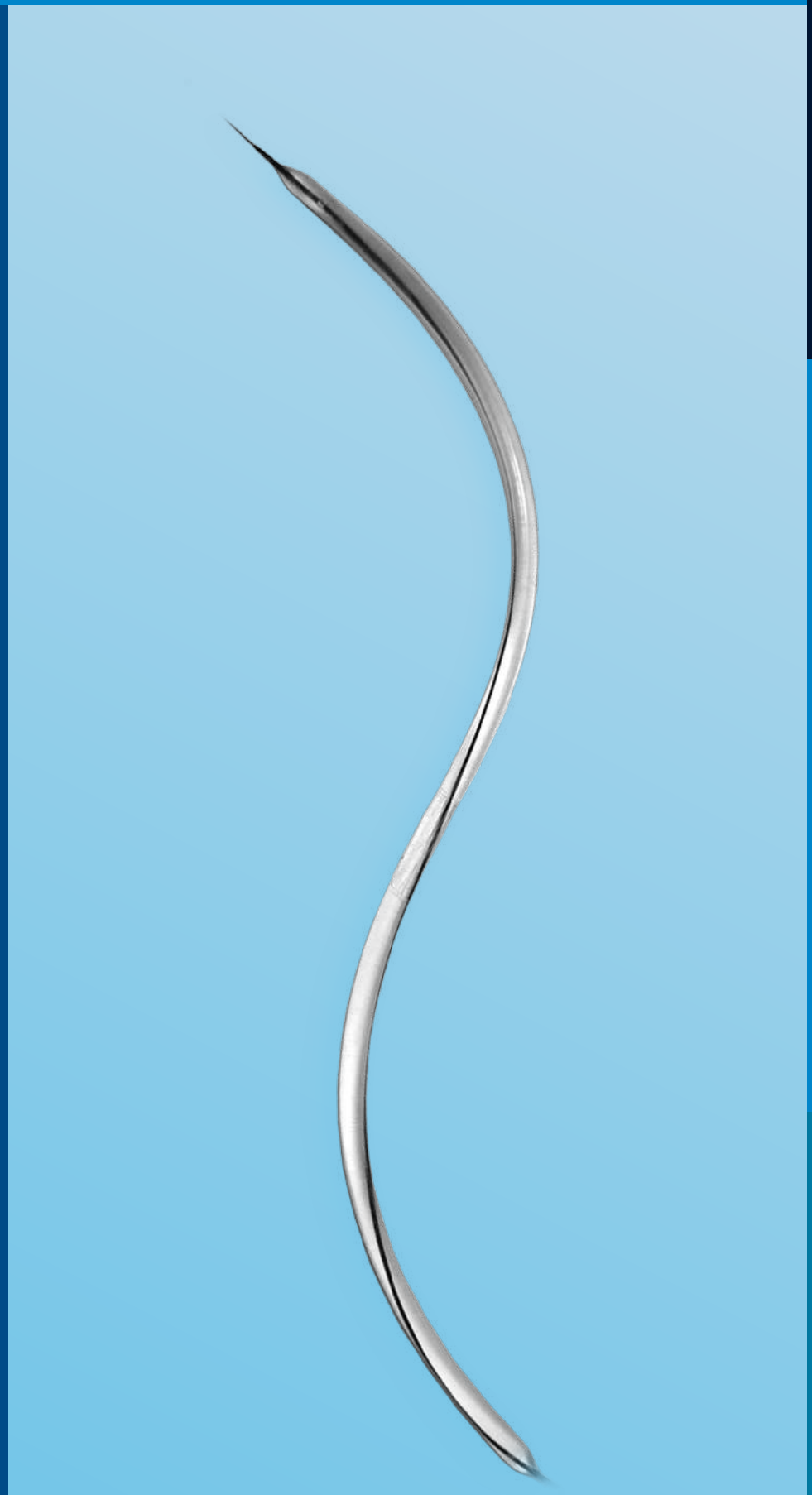
- Size range 1.5–4.0 mm in diameter and 20–210 mm in length
- Long balloons (up to 210 mm) are suited for treatment of extremely diffuse lesions

Conformable balloon material*

- Proprietary polymer blend provides wonderful conformability

Tapered balloon*

- The 210 mm balloon tapers by 0.5 mm to respect the arterial anatomy



* Bench Test Data on file with Medtronic, Inc.
Test data not indicative of clinical performance

TECHNICAL SPECIFICATIONS

Catheter design	Over-the-wire
Balloon marker	1/2 swaged, Platinum Iridium
Shaft diameter	Proximal 3.9 F Middle 3.3 F Distal 2.8 F
Introducer sheath compatility	4 F
Guidewire compatibility	0.014"
Nominal pressure	7 atm

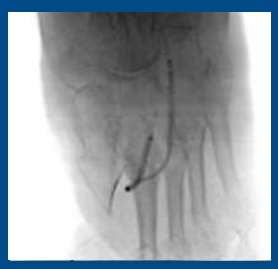
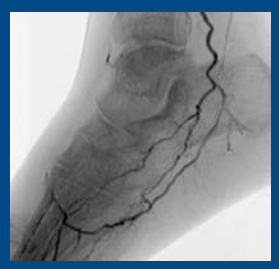


Image courtesy of Dr. Marco Manzi, Italy.



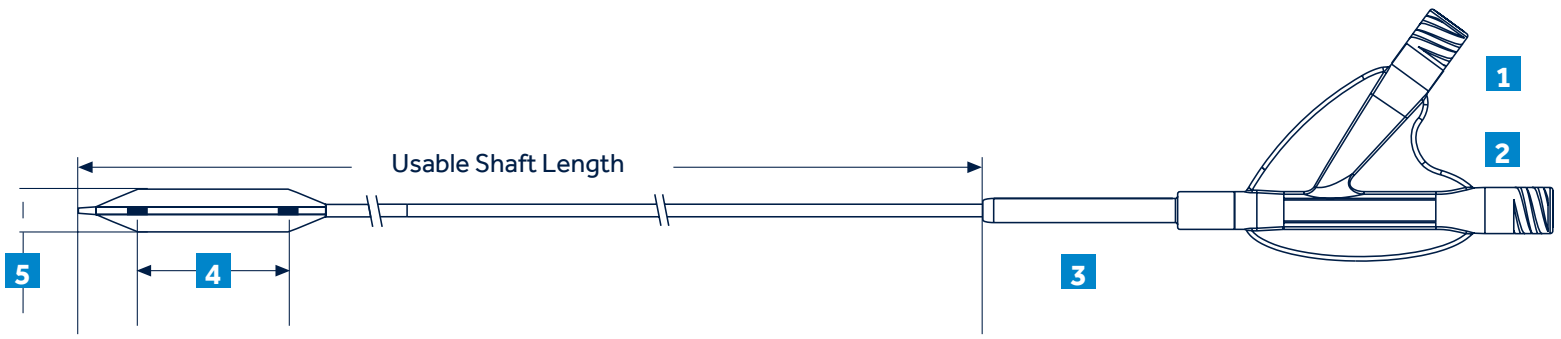
Below the ankle

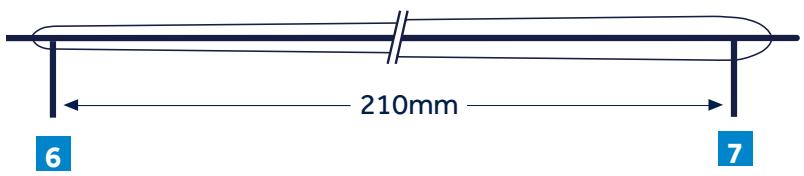
Amphirion™ Deep

Infrapopliteal PTA Balloon Catheter OTW 0.014"

ORDER INFORMATION

Product Catalogue Number		Balloon Diameter (mm)	Balloon Length (mm)	Recommended Introducer Sheath (F)	Nominal Pressure (BAR)	RBP (BAR)
OTW Usable Length 120 cm	OTW Usable Length 150 cm					
AMD 015 020 001	AMD 015 020 151	1.5	20	4	7	14
AMD 015 020 002	AMD 015 020 152	1.5	20	4	7	14
AMD 020 040 002	AMD 020 040 152	2.0	40	4	7	15
AMD 020 080 002	AMD 020 080 152	2.0	80	4	7	14
AMD 020 120 002	AMD 020 120 152	2.0	120	4	7	14
AMD 020 150 002	AMD 020 150 152	2.0	150	4	7	14
AMD 025 040 002	AMD 025 040 152	2.5	40	4	7	16
AMD 025 080 002	AMD 025 080 152	2.5	80	4	7	15
AMD 025 120 002	AMD 025 120 152	2.5	120	4	7	14
AMD 025 150 002	AMD 025 150 152	2.5	150	4	7	14
AMD 030 040 002	AMD 030 040 152	3.0	40	4	7	16
AMD 030 080 002	AMD 030 080 152	3.0	80	4	7	15
AMD 030 120 002	AMD 030 120 152	3.0	120	4	7	14
AMD 030 150 002	AMD 030 150 152	3.0	150	4	7	14
AMD 035 040 002	AMD 035 040 152	3.5	40	4	7	16
AMD 035 080 002	AMD 035 080 152	3.5	80	4	7	15
AMD 035 120 002	AMD 035 120 152	3.5	120	4	7	14
AMD 035 150 002	AMD 035 150 152	3.5	150	4	7	14
AMD 040 040 002	AMD 040 040 152	4.0	40	4	7	16
AMD 040 080 002	AMD 040 080 152	4.0	80	4	7	15
AMD 040 120 002	AMD 040 120 152	4.0	120	4	7	14
AMD 040 150 002	AMD 040 150 152	4.0	150	4	7	14
AMD 225 210 002	AMD 225 210 152	2.0/2.5	210	4	7	14
AMD 253 210 002	AMD 253 210 152	2.5/3.0	210	4	7	14
AMD 335 210 002	AMD 335 210 152	3.0/3.5	210	4	7	14
AMD 354 210 002	AMD 354 210 152	3.5/4.0	210	4	7	14





1 Balloon inflation port
2 Guidewire port
3 Kink protection
4 Balloon length
5 Balloon diameter
6 Distal balloon diameter
7 Proximal balloon diameter

NanoCross™ Elite

OTW PTA Dilatation Catheter 0.014"

NanoCross™ Elite, the next generation 0.014" PTA balloon, with its 360° beveled tip provides smooth transition from wire to tip.
The SlimTec™ balloon-folding process is designed to provide the lowest 0.014" crossing profile.

TECHNICAL SPECIFICATIONS

Catheter design	Over-the-wire
Useable catheter lengths	90 and 150 cm
Introducer sheath compatibility	4 F
Guidewire compatibility	0.014"

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NanoCross™ Elite

OTW PTA Dilatation Catheter 0.014"

ORDER INFORMATION

Product Catalogue Number		Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Pressure (atm)	Introducer Sheath (F)
90 cm Catheter Length	150 cm Catheter Length					
AB14W015020090	AB14W015020150	1.5	20	8	14	4
AB14W015040090	AB14W015040150	1.5	40	8	14	4
AB14W020020090	AB14W020020150	2	20	8	14	4
AB14W020040090	AB14W020040150	2	40	8	14	4
AB14W020060090	AB14W020060150	2	60	8	14	4
AB14W020080090	AB14W020080150	2	80	8	14	4
AB14W020100090	AB14W020100150	2	100	8	14	4
AB14W020120090	AB14W020120150	2	120	8	14	4
AB14W020150090	AB14W020150150	2	150	8	14	4
AB14W020210090	AB14W020210150	2	210	8	14	4
AB14W025020090	AB14W025020150	2.5	20	8	14	4
AB14W025040090	AB14W025040150	2.5	40	8	14	4
AB14W025060090	AB14W025060150	2.5	60	8	14	4
AB14W025080090	AB14W025080150	2.5	80	8	14	4
AB14W025100090	AB14W025100150	2.5	100	8	14	4
AB14W025120090	AB14W025120150	2.5	120	8	14	4
AB14W025150090	AB14W025150150	2.5	150	8	14	4
AB14W025210090	AB14W025210150	2.5	210	8	14	4
AB14W030020090	AB14W030020150	3	20	8	14	4
AB14W030040090	AB14W030040150	3	40	8	14	4
AB14W030060090	AB14W030060150	3	60	8	14	4
AB14W030080090	AB14W030080150	3	80	8	14	4
AB14W030100090	AB14W030100150	3	100	8	14	4
AB14W030120090	AB14W030120150	3	120	8	14	4
AB14W030150090	AB14W030150150	3	150	8	14	4
AB14W030210090	AB14W030210150	3	210	8	14	4
AB14W035020090	AB14W035020150	3.5	20	8	14	4
AB14W035040090	AB14W035040150	3.5	40	8	14	4
AB14W035060090	AB14W035060150	3.5	60	8	14	4
AB14W035080090	AB14W035080150	3.5	80	8	14	4
AB14W035100090	AB14W035100150	3.5	100	8	14	4
AB14W035120090	AB14W035120150	3.5	120	8	14	4
AB14W035150090	AB14W035150150	3.5	150	8	14	4
AB14W035210090	AB14W035210150	3.5	210	8	14	4
AB14W040020090	AB14W040020150	4	20	8	14	4
AB14W040040090	AB14W040040150	4	40	8	14	4
AB14W040060090	AB14W040060150	4	60	8	14	4
AB14W040080090	AB14W040080150	4	80	8	14	4
AB14W040100090	AB14W040100150	4	120	8	14	4
AB14W040120090	AB14W040120150	4	100	8	14	4
AB14W040150090	AB14W040150150	4	150	8	14	4
AB14W040210090	AB14W040210150	4	210	8	14	4
AB14W050020090	AB14W050020150	5	20	8	14	5
AB14W050040090	AB14W050040150	5	40	8	14	5
AB14W050060090	AB14W050060150	5	60	8	14	5
AB14W050080090	AB14W050080150	5	80	8	14	5
AB14W050100090	AB14W050100150	5	100	8	14	5
AB14W050120090	AB14W050120150	5	120	8	14	5
AB14W050150090	AB14W050150150	5	150	8	14	5
AB14W050200090	AB14W050200150	5	200	8	14	5
AB14W060020090	AB14W060020150	6	20	8	14	5
AB14W060040090	AB14W060040150	6	40	8	14	5
AB14W060060090	AB14W060060150	6	60	8	14	5
AB14W060080090	AB14W060080150	6	80	8	14	5
AB14W060100090	AB14W060100150	6	100	8	14	5
AB14W060120090	AB14W060120150	6	120	8	14	5
AB14W060150090	AB14W060150150	6	150	8	14	5
AB14W060200090	AB14W060200150	6	200	8	14	6

INDICATIONS: The NanoCross™ Elite 0.014" Over-the-Wire PTA Dilation Catheter is intended to dilate stenoses 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.

Each system includes: One PTA balloon catheter, one compliance chart and one balloon folding tool.

RapidCross™

PTA Balloon Dilatation Catheter RX 0.014"

RapidCross™ 0.014 PTA Balloon Catheter was developed exclusively for below the knee treatment. Every detail, from the 0.017" tip entry profile to the Rapid Exchange Port construction was thoughtfully designed for exceptional performance.

Low profile
- For ease in crossing

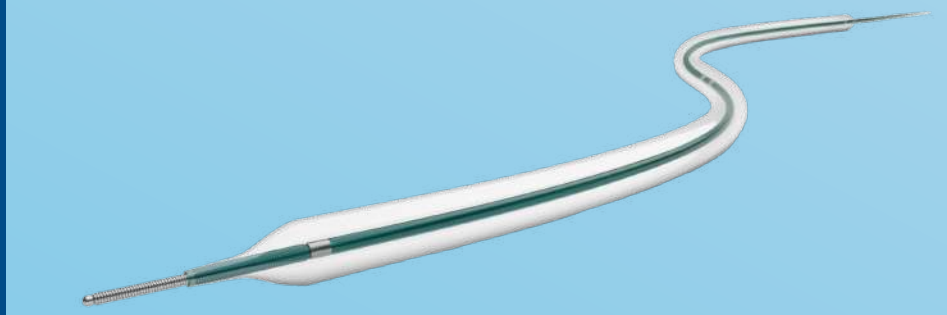
Dual middle marker bands*
- For enhanced visualization and accuracy

Tapered long balloon**
- Tailored to distal tibial and pedal anatomy

Maximum inner lumen
- For 2-3 times faster deflation

Proprietary balloon coating
- Ensures sustained lubricity for crossing challenging lesions

* Dual middle marker bands available on 150 mm and 210 mm balloon lengths
** Tapered balloon available in 210 mm balloon length



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RapidCross™

PTA Balloon Dilatation Catheter RX 0.014"

ORDER INFORMATION

Product Catalogue Number		Balloon Diameter (mm)	Balloon Length (mm)	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Recommended Introducer Sheath (F)
Catheter Shaft Length 90 cm	Catheter Shaft Length 170 cm					
A14BX020020090	A14BX020020170	2.0	20	8	14	4
A14BX020040090	A14BX020040170	2.0	40	8	14	4
A14BX020060090	A14BX020060170	2.0	60	8	14	4
A14BX020080090	A14BX020080170	2.0	80	8	14	4
A14BX020100090	A14BX020100170	2.0	100	8	14	4
A14BX020120090	A14BX020120170	2.0	120	8	14	4
A14BX020150090	A14BX020150170	2.0	150	8	14	4
A14BX020210090	A14BX020210170	2.0 proximal / 1.5 distal	210	8	14	4
A14BX025020090	A14BX025020170	2.5	20	8	14	4
A14BX025040090	A14BX025040170	2.5	40	8	14	4
A14BX025060090	A14BX025060170	2.5	60	8	14	4
A14BX025080090	A14BX025080170	2.5	80	8	14	4
A14BX025100090	A14BX025100170	2.5	100	8	14	4
A14BX025120090	A14BX025120170	2.5	120	8	14	4
A14BX025150090	A14BX025150170	2.5	150	8	14	4
A14BX025210090	A14BX025210170	2.5 proximal / 2.0 distal	210	8	14	4
A14BX030020090	A14BX030020170	3	20	8	14	4
A14BX030040090	A14BX030040170	3	40	8	14	4
A14BX030060090	A14BX030060170	3	60	8	14	4
A14BX030080090	A14BX030080170	3	80	8	14	4
A14BX030100090	A14BX030100170	3	100	8	14	4
A14BX030120090	A14BX030120170	3	120	8	14	4
A14BX030150090	A14BX030150170	3	150	8	14	4
A14BX030210090	A14BX030210170	3.0 proximal / 2.5 distal	210	8	14	4
A14BX035020090	A14BX035020170	3.5	20	8	14	4
A14BX035040090	A14BX035040170	3.5	40	8	14	4
A14BX035060090	A14BX035060170	3.5	60	8	14	4
A14BX035080090	A14BX035080170	3.5	80	8	14	4
A14BX035100090	A14BX035100170	3.5	100	8	14	4
A14BX035120090	A14BX035120170	3.5	120	8	14	4
A14BX035150090	A14BX035150170	3.5	150	8	14	4
A14BX035210090	A14BX035210170	3.5 proximal / 3.0 distal	210	8	14	4
A14BX040020090	A14BX040020170	4	20	8	14	4
A14BX040040090	A14BX040040170	4	40	8	14	4
A14BX040060090	A14BX040060170	4	60	8	14	4
A14BX040080090	A14BX040080170	4	80	8	14	4
A14BX040100090	A14BX040100170	4	100	8	14	4
A14BX040120090	A14BX040120170	4	120	8	14	4
A14BX040150090	A14BX040150170	4	150	8	14	4
A14BX040210090	A14BX040210170	4.0 proximal / 3.5 distal	210	8	14	4

INDICATIONS: The RapidCross™ rapid exchange PTA balloon dilatation catheter is intended to dilate stenoses in the iliac, femoral, iliofemoral, popliteal, infrapopliteal, and renal arteries, and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae.

Chocolate™

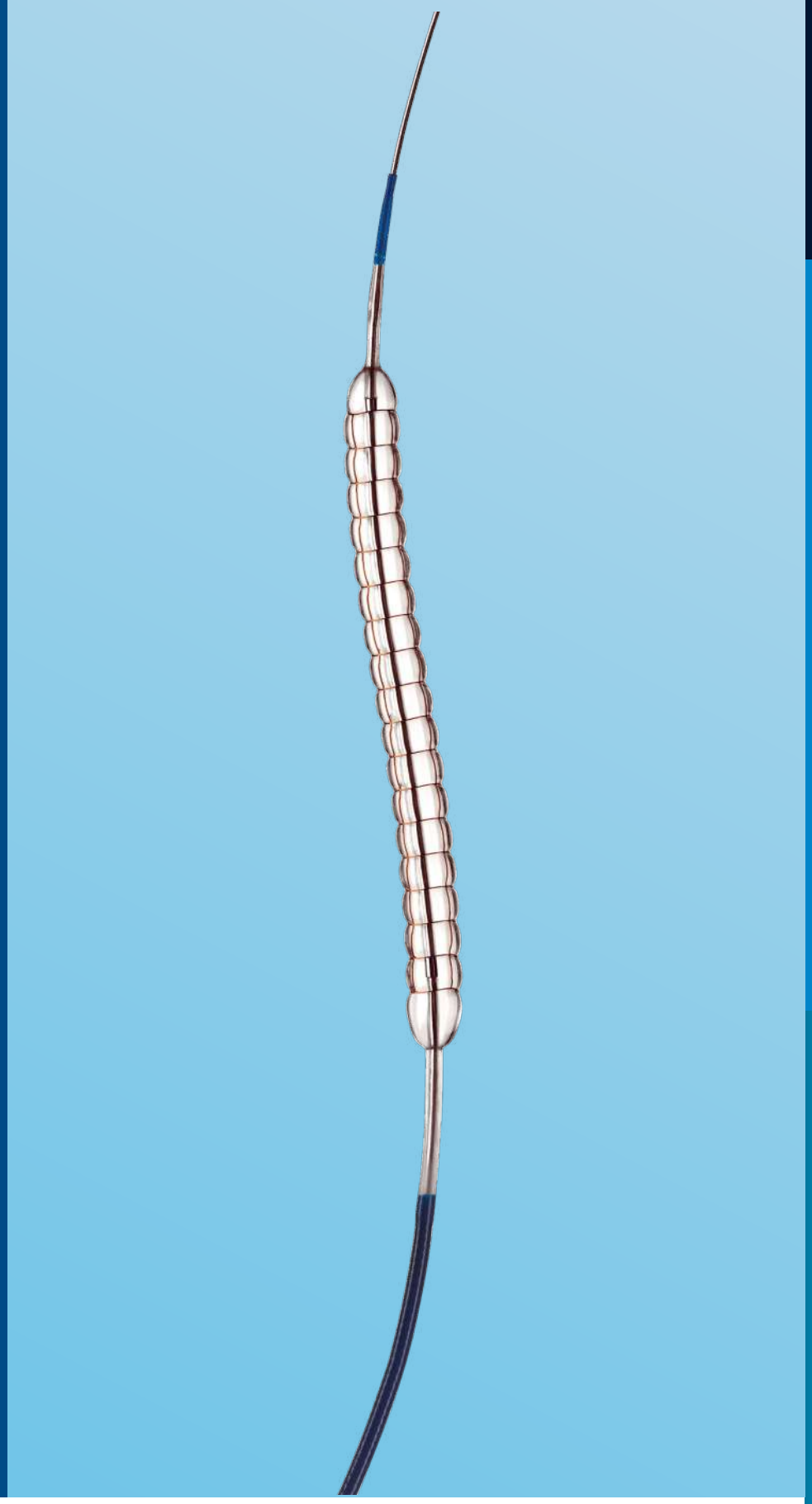
PTA Balloon

Minimize vessel trauma, dissections and the need for bailout stenting above or below the knee with the Chocolate™ PTA balloon. The balloon's unique nitinol constraining structure creates pillows and grooves that provide a predictable, uniform and atraumatic dilatation.

- Minimize vessel trauma
- Reduce dissections
- Decrease bailout stenting

TECHNICAL SPECIFICATIONS

Catheter design	Over-the-wire
Useable catheteer lengths	120, 135 and 150 cm
Introducer sheath compatibility	5, 6 F
Guidewire compatibility	0,014″ and 0,018″



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Chocolate™

PTA Balloon

Braided Catheter Shaft

- Designed to provide robust pushability to reach and cross lesions

Grooves

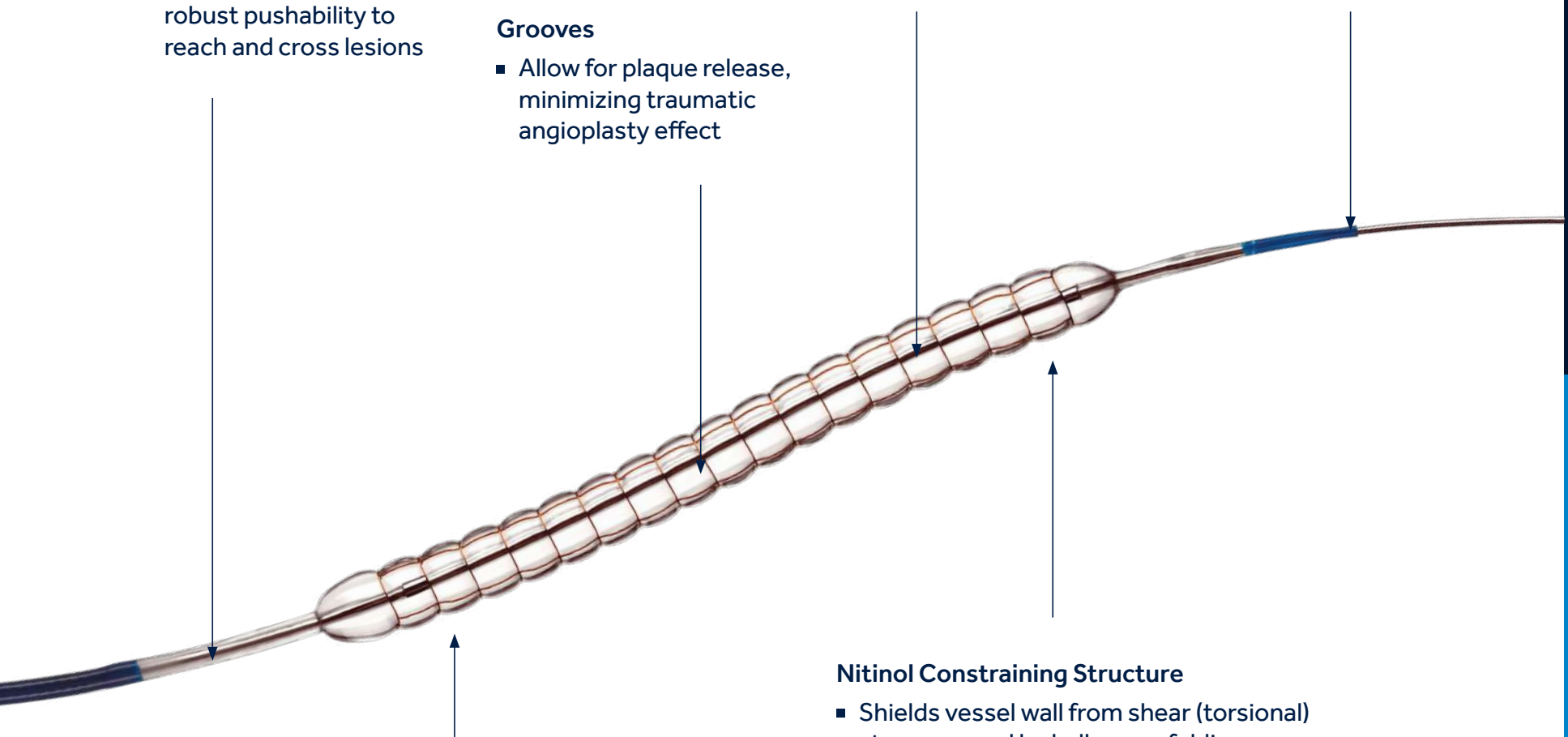
- Allow for plaque release, minimizing traumatic angioplasty effect

Pillows

- Provide predictable vessel dilation without cutting or scoring

Tapered Tip

- Enables lower entry profile for optimal lesion access

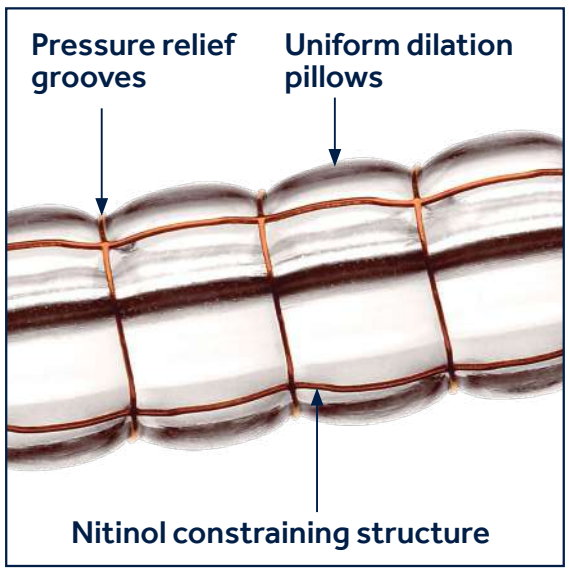


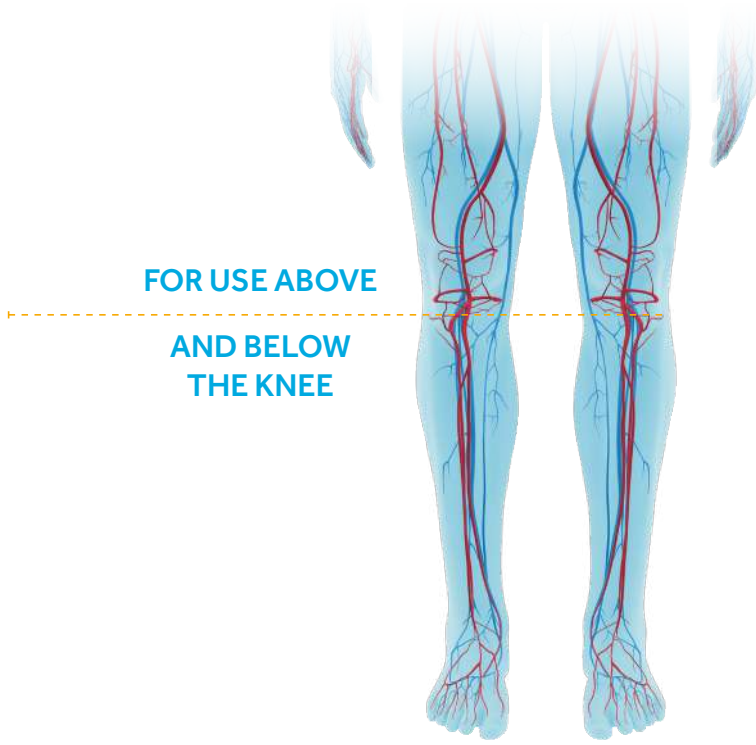
Nitinol Constraining Structure

- Shields vessel wall from shear (torsional) stress caused by balloon unfolding
- Enables the even distribution of radial and longitudinal forces during balloon inflation
- Allows for rapid deflation and uniform re-wrap

Nylon, Semi-Compliant Balloon

- Allows for optimal balloon pillow formation





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VENOUS

Chocolate™

PTA Balloon

ORDER INFORMATION

Product Catalogue Number	Balloon Diameter (mm)	Balloon Length (mm)	Catheter Length (cm)	Guidewire (in)	Introducer Sheath (F)	Nominal Pressure (atm)	Rated Burst Pressure (atm)
CE1415025040 OTW	2.5	40	150	0.014"	5	9	14
CE1415025080 OTW		80					
CE1415025120 OTW		120					
CE1415030040 OTW	3.0	40					
CE1415030080 OTW		80					
CE1415030120 OTW		120					
CE1413535040 OTW	3.5	40	135				
CE1413535080 OTW		80					
CE1413535120 OTW		120					
CE1413540040 OTW	4.0	40					
CE1413540080 OTW		80					
CE1413540120 OTW		120					
CE1812050040 OTW	5.0	40	120	0.018"	6	6	12
CE1812050080 OTW		80					
CE1812050120 OTW		120					
CE1812060040 OTW	6.0	40					
CE1812060080 OTW		80					
CE1812060120 OTW		120					

Important Information: Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Indications for Use: The Chocolate™ PTA Balloon Catheter is intended for balloon dilatation of lesions in the peripheral vasculature, including the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, and renal arteries.
CAUTION: Federal (USA) law restricts these products for sale by or on the order of a physician.

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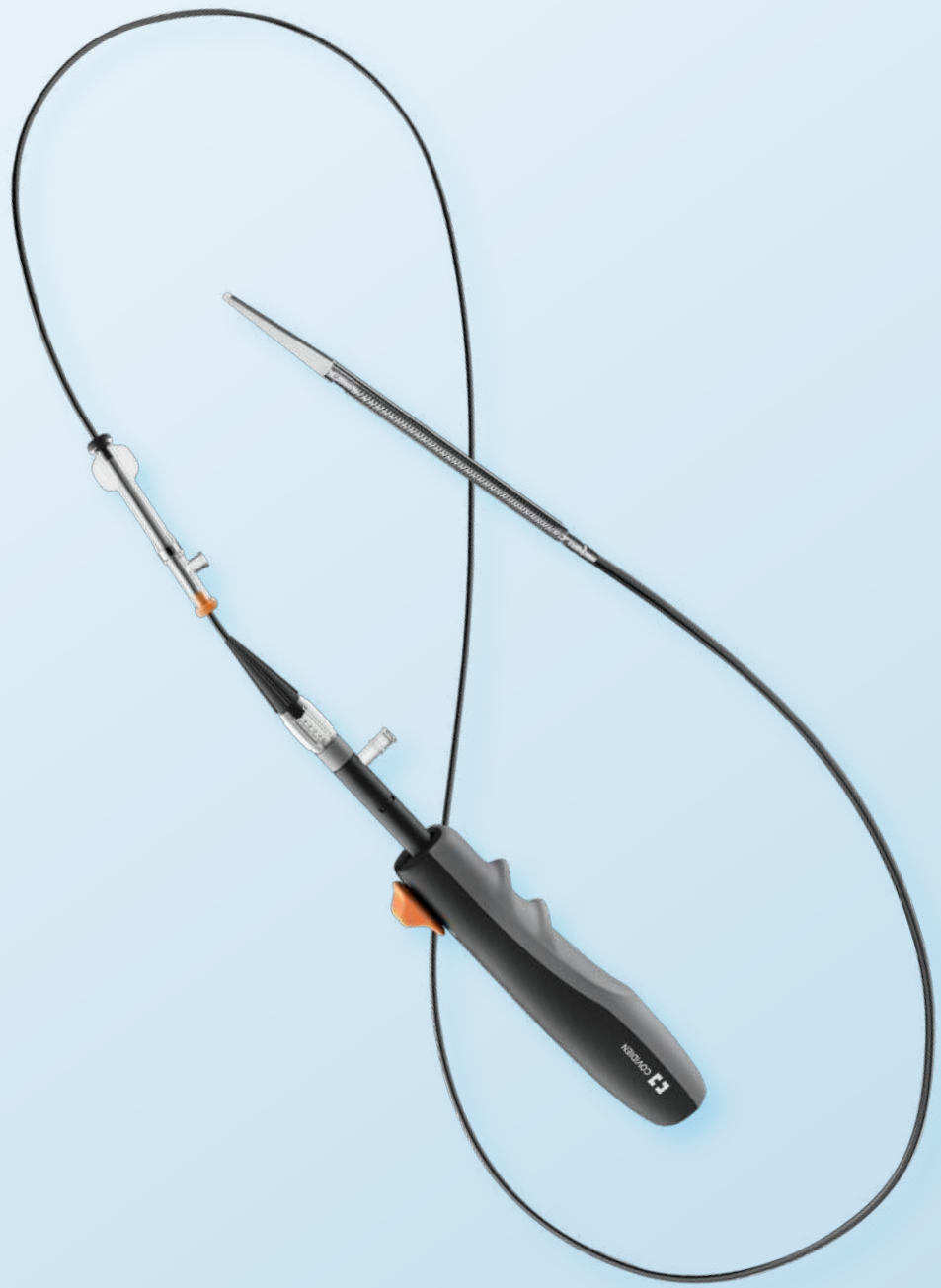
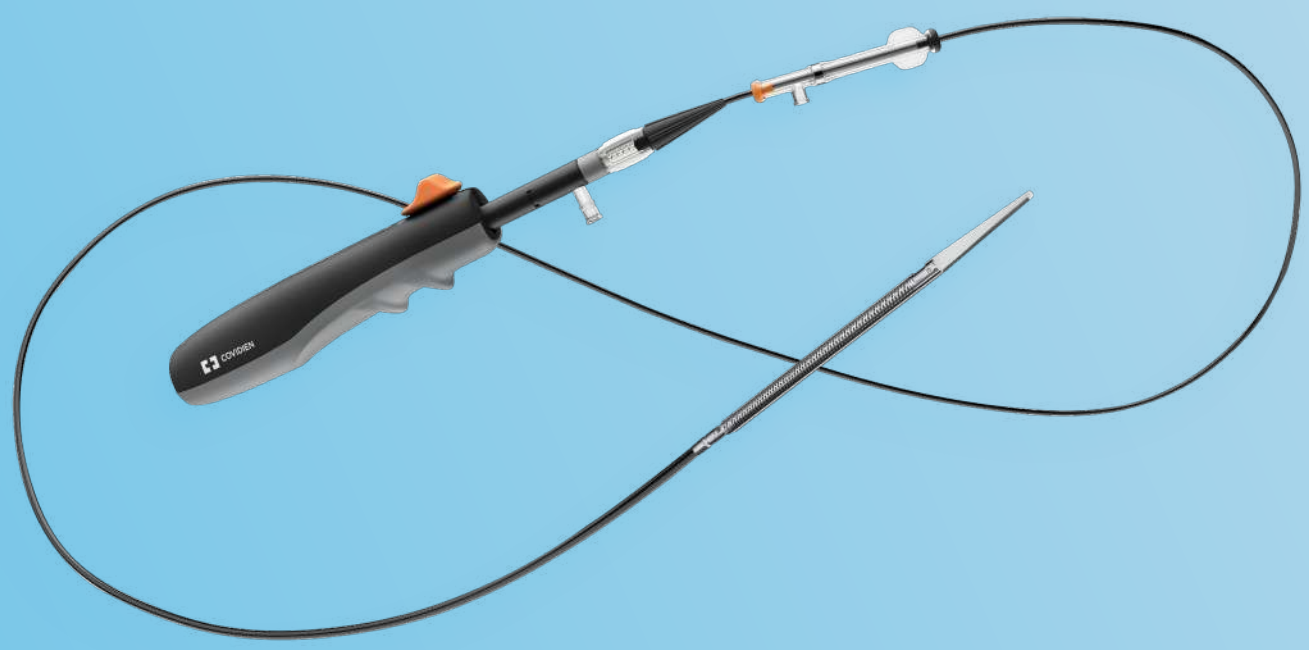
DIRECTIONAL ATHERECTOMY



HawkOne™

Directional Atherectomy System



One device for above and below the knee available in 6 F and 7 F sizes

Just as the name implies, the all-new HawkOne™ Directional Atherectomy System is one device that treats all morphologies[1], including severe calcium, and offers procedural efficiency with enhanced cutting, crossing, and cleaning capabilities.*

One device that:

- Treats all morphologies
- Offers procedural efficiency
- Restores blood flow in PAD patients

CUTTING BLADE
Four contoured cutting blades engage and treat all atherosclerotic morphologies.

DRIVE SHAFT
A four layered, counter-wound design efficiently transmits power, offering a **25%** improvement* in torsional performance.

JOG
Optimized* for improved engagement in calcified lesions with no increase in cut depth.

CUTTER DRIVER
Ergonomically redesigned to effectively treat all atheroscletoric plaque.

DISTAL TIP
A tapered, radiopaque distal tip provides enhanced* deliverability and visualization under angiography.

* Comparison and claims in reference to the TurboHawk™ High Efficiency Cutter.

[1] HawkOne™ Bench Performance Verfication Testing (RE-PV13728); Calcified Cutting Efficiency Bench Validation Data (RE-PV13729)

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HawkOne™

Directional Atherectomy System

Unlike orbital, laser, or rotational atherectomy, the HawkOne™ Directional Atherectomy System, with its directional cutting design, offers the greatest versatility when treating PAD. Whether your atherectomy goal is to maximize luminal gain[2], to create in-line flow, or to target eccentric circumferential disease, the HawkOne™ is your go-to choice.

ORDER INFORMATION
HAWKONE™ DIRECTIONAL ATHERECTOMY SYSTEM

	Model Name	Product Catalogue Number	Vessel Diameter (mm)	Sheath Compatibility (F)	Crossing Profile (mm)	Working Length [3] (cm)	Effective Length [4] (cm)	Tip Length (cm)	Max. cut Length (mm)
6 F	HawkOne™ M (KIT)**	H1-M-6FKIT	3.0-7.0	6	2.2	135	129	5.9	40
	HawkOne™ M+	H1-M-INT	3.0-7.0	6	2.2	135	129	5.9	40
	HawkOne™ S (KIT)**	H1-S-6FKIT	2.0-4.0	6	2.2	151	145	5.9	40
	HawkOne™ S+	H1-S-INT	2.0-4.0	6	2.2	151	145	5.9	40
7 F	HawkOne™ LS Standard tip (KIT)**	H1-LS-7FKIT	3.5 - 7.0	7	2.6	114	107	6.6	50
	HawkOne™ LS Standard tip+	H1-LS-INT	3.5 - 7.0	7	2.6	114	107	6.6	50
	HawkOne™ LX Extended tip (KIT) **	H1-LX-7FKIT	3.5 - 7.0	7	2.6	114	104	9.6	75
	HawkOne™ LX Extended tip+	H1-LX-INT	3.5 - 7.0	7	2.6	114	104	9.6	75

ATHERECTOMY SYSTEMS

		Directional	Orbital	Laser	Rotational
Plaque modification	Maximize lumen gain	X			
	Restore in-line flow	X	X	X	X
Lesion morphology	Treat severe calcium	X	X		X
	Treat soft-moderate plaque	X		X	X
Plaque distribution	Target eccentric disease	X			
	Target circumferential disease	X	X	X	X

MOST VERSATILE

Max guidewire is 0.014" for HawkOne™ device.
** This catalogue number includes the HawkOne™ and the Cutter Driver.
+ Cutter driver H1-14550 needs to be ordered separately with this catalogue number.

[2] During Defintive LE clincal trial phsycians were able to achieve technical success defined by debulking to < 30% stenosis.
Reference DEFINITVE LE clinical trial: James F. McKinsey, MD, Thomas Zeller, MD, Krishna Rocha-Singh, MD, Michael R. Jaff, DO, and Lawrence A. Garcia, MD, Lower Extremity Revascularization Using Directional Atherectomy:
12 Month Prospective Results of the DEFINITIVE LE Study, JACC: Cardiovascular Interventions 7 (2014) pp. 923-933, 10.1016/j.jcin.2014.05.006.
[3] HawkOne™ Working Length – Distal end of pre-loaded flush tool, in the proximal position, to the distal end of tip.
[4] HawkOne™ Effective Length – Distal end of pre-loaded flush tool, in the proximal position, to the proximal end of cutter window.

TurboHawk™

Peripheral Plaque Excision System

Key features of the TurboHawk™ device

Cutter selection

The TurboHawk™ device has two cutter options to choose from depending on the procedural need and lesion morphology.

- High-efficiency cutter – tackles soft-to-moderately calcified lesions
- Smooth cutter – treats soft-to-mild calcification

Drive shaft

The counter-wound drive shaft transmits power more efficiently to the cutting blade.

Micro Efficient Compression (MEC)™ technology

Tiny, laser-drilled holes in the nose cone allow excess fluid to escape so physicians are able to capture more plaque with each pass of the cutting blade, potentially reducing the number of insertions and procedure time.

- 45% increase in tissue collection capacity with MEC technology

Dual catheter jog

The bend in the catheter enhances contact between the cutting blade and lesion, collecting more plaque with each pass.

Distal flush tool

The distal flush tool effectively cleans and flushes plaque from the device with increased pressure.

Tapered tip

The low-profile tip of the TurboHawk™ small-vessel catheter allows the device to maneuver through tortuous anatomies and challenging lesions with greater ease.

Catheter alignment marker

This feature easily aligns the nose cone with the distal flush tool for faster cleaning.

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TurboHawk™

Peripheral Plaque Excision System

ORDER INFORMATION

Model Name	Product Catalogue Number	Vessel Diameter (mm)	Sheath Compatibility (F)	Crossing Profile (inch)	Working Length[1] (cm)	Effective Length[2] (cm)	Tip Length (cm)	Max Cut Length (mm)
LS-C Super Cutter Large Vessel Standard Calcium Tip	THS-LS-C	3.5 - 7.0	7	0.105 (2.7 mm)	110	104	6.0	50
LS-M Smooth Cutter Large Vessel Standard Tip	THS-LS-M	3.5 - 7.0	7 / 8	0.105 (2.7 mm)	110	104	6.0	50
LX-C Super Cutter Large Vessel Xtended Calcium Tip	THS-LX-C	3.5 - 7.0	7	0.105 (2.7 mm)	113	104	9.0	75
LX-M Smooth Cutter Large Vessel Xtended Tip	THS-LX-M	3.5 -7 .0	7 / 8	0.105 (2.7 mm)	113	104	9.0	75
SX-C High Efficiency Cutter Small Vessel Xtended Calcium Tip	THS-SX-C	2.0 - 4.0	6	0.085 (2.2 mm)	135	129	5.9	40
SS-C High Efficiency Cutter Small Vessel Standard Calcium Tip	THS-SS-C	2.0 - 4.0	6	0.085 (2.2 mm)	133	129	3.9	20
SS-CL High Efficiency Cutter Small Vessel Standard Calcium Tip Long Catheter	THS-SS-CL	2.0 - 4.0	6	0.085 (2.2 mm)	149	145	3.9	20

Cutter driver FG02550 needs to be ordered with each TurboHawk™ device

INDICATIONS: The TurboHawk™ Peripheral Plaque Excision System is intended for use in atherectomy of the peripheral vasculature. The TurboHawk™ Catheter is not intended for use in the coronary, carotid, iliac or renal vasculature.

SilverHawk™

Peripheral Plaque Excision System

Our first-generation SilverHawk™ device treats PAD by removing soft-to-mild plaque buildup in leg arteries.

SilverHawk™ technology uses a directional cutting blade to shave plaque from the vessel—maximizing luminal gain. The plaque is captured in the nose cone of the device and safely removed from the vessel.

The SilverHawk™ device is backed by the landmark DEFINITIVE LE Clinical Study.

SilverHawk™

Peripheral Plaque Excision System

ORDER INFORMATION

Model Name	Product Catalogue Number	Vessel Diameter (mm)	Sheath Compatibility (F)	Crossing Profile (inch)	Working Length[1] (cm)	Effective Length[2] (cm)	Tip Length (cm)	Max Cut Length (mm)
LS-M Large Vessel Standard Tip	P4052	4.5 - 7.0	7 / 8	0.105 (2.7 mm)	110	104	6.0	50
LX-M Large Vessel Xtended Tip	P4055	4.5 - 6.5	7 / 8	0.105 (2.7 mm)	113	104	6.0	75
MS-M Medium Vessel Standard Tip	P4056	3.5 - 5.0	7 / 8	0.105 (2.7 mm)	110	104	6.0	50
SXL Small Vessel Xtra Long Tip	P4033	3.0 - 3.5	7	0.095 (2.4 mm)	136	129	7.2	50
SS+ Small Vessel Standard Tip	P4030	3.0 - 3.5	7	0.090 (2.3 mm)	135	132	2.6	15
EXL Extra Small Vessel Xtra Long Tip	P4044	2.0 - 3.0	6	0.080 (2.0 mm)	135	129	6.0	15
ES+ Extra Small Vessel Standard Tip	P4034	2.0 - 2.5	6	0.075 (1.9 mm)	135	132	2.2	10
DS Distal Vessel Standard Tip	P4028	1.5 - 2.0	6	0.077 (1.9 mm)	135	132	2.6	10

Cutter driver FG02550 needs to be ordered with each SilverHawk™ device

INDICATIONS: The SilverHawk™ Peripheral Plaque Excision System is intended for use in atherectomy of the peripheral vasculature. The SilverHawk™ Catheter is not intended for use in the coronary, carotid, iliac or renal vasculature.

[1]Working Length - distal end of strain relief to the distal end of tip.
[2]Effective Length – distal end of strain relief to the distal end of the cutter window.

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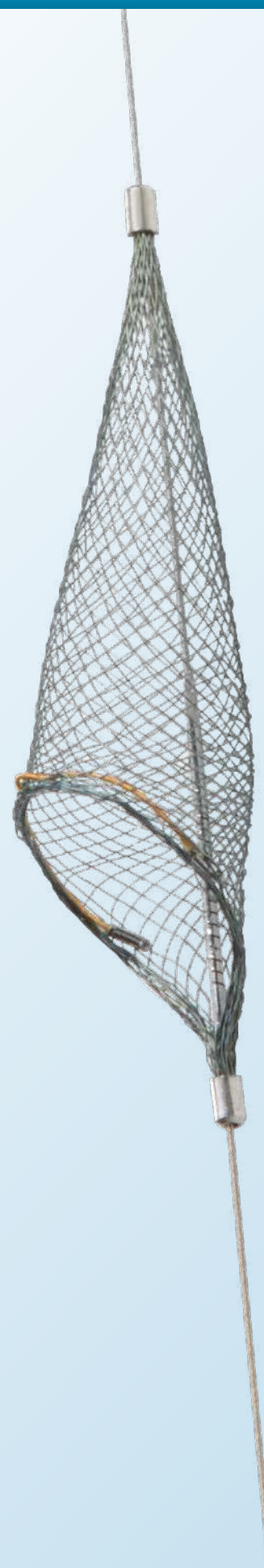
EMBOLIC PROTECTION DEVICES



Mo.Ma™ Ultra

Cerebral Protection Device

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Full-time protection and control

Guide-catheter technology

- Provides excellent trackability, support and stability for ease of lesion crossing and accurate stent deployment

Working channel exit port distal to CCA balloon

- Provides lesion access and effective, efficient aspiration of debris*

Radiopaque markers

- Centrally located in each balloon for precise positioning and orientation

Optimal device selection

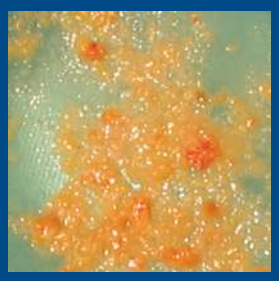
- Wires, stents and balloons

High-capture efficiency

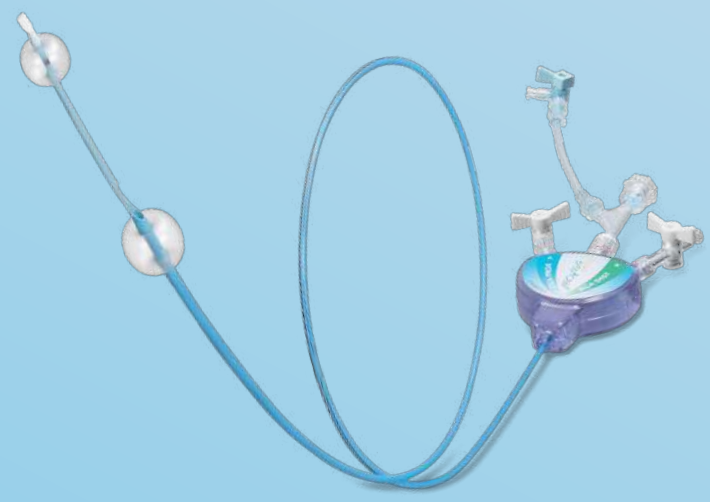
- Removal of all sizes of debris**

TECHNICAL SPECIFICATIONS

Balloon material	Compliant elastomeric rubber
Balloon marker distance	6 cm*
Distal shaft profile	5 F*
Recommended guidewire	0.035″ (0.89 mm)
Balloon occlusion range	Up to 13 mm (CCA prox. balloon) Up to 6 mm* (ECA dist. balloon)

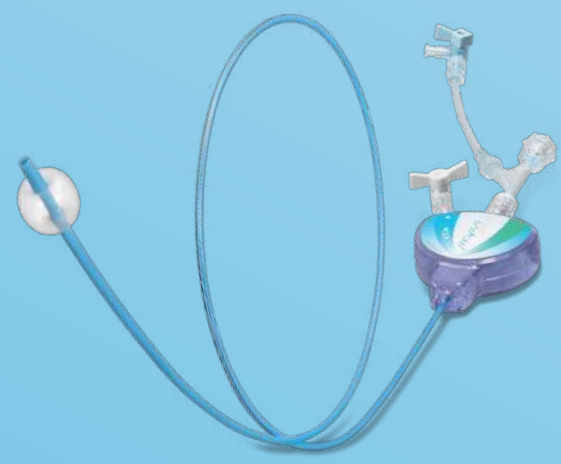


All sizes of debris are captured



DOUBLE-OCCLUSION BALLOON SYSTEM**

Utilizes highly-compliant, elastomeric balloons that provide atraumatic flow suspension and stability



MONO-OCCLUSION BALLOON SYSTEM

In case of occlusion of the external carotid artery (ECA), the system utilizes one highly-compliant, elastomeric balloon in the common carotid artery (CCA), that provides atraumatic flow suspension and stability.

* Double-Occlusion Balloon System only

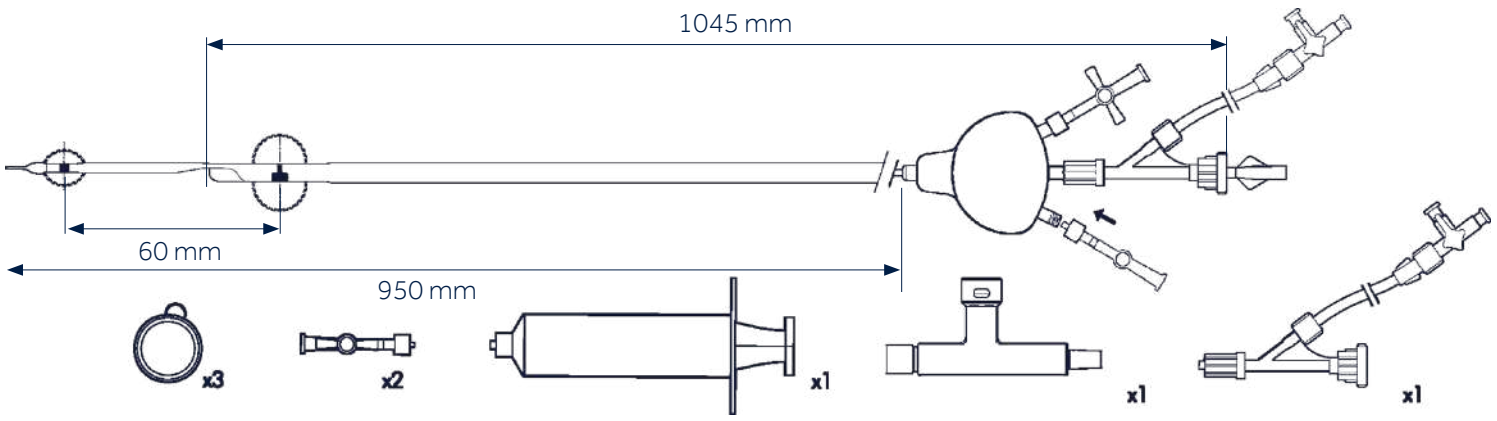
**Bench test data on file at Medtronic, Inc. Test data not indicative of clinical performance.

Mo.Ma™ Ultra

Cerebral Protection Device

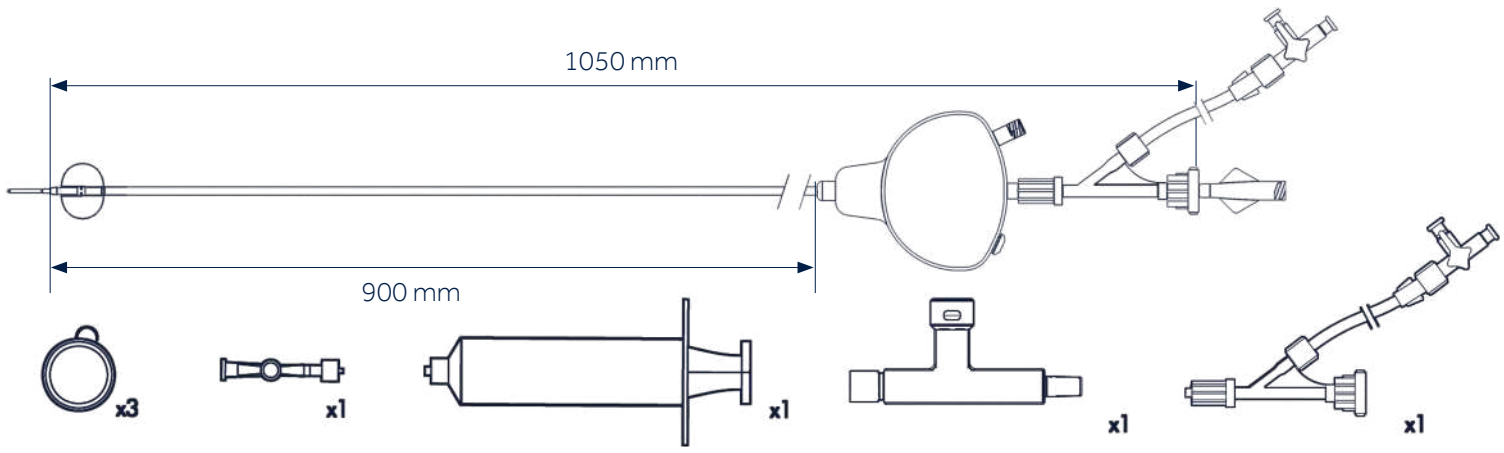
ORDER INFORMATION

Product Catalogue Number Double-Balloon	Minimum Sheath Size	Inner Diameter Of The Working Channel
MOM0130068X5	8 F	0.069"/ 1.76 mm
MOM0130069X6	9 F	0.083" / 2.12 mm



ORDER INFORMATION

Product Catalogue Number Mono-Balloon	Minimum Sheath Size	Inner Diameter Of The Working Channel
MOM0130008X5	8 F	0.069"/ 1.76 mm



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SpiderFX™

Embolic Protection System

The SpiderFX™ System is the only embolic protection device that works with any 0.014"or 0.018"guidewire of choice to cross the most challenging lesions.

The device offers enhanced visibility due to the nitinol frame with gold / tungsten marker. The extensive product portfolio permits treatment within a range of vessel sizes from 2 mm to 7 mm. The SpiderFX™ System is compatible with a guide catheter / sheath minimum ID of 0.066" (typically a 6 F guide catheter or 5 F access / long sheath). Check catheter manufacturer information for size compatibility.

The use of the SpiderFX™ device is strongly associated with:

- Lower costs
- Shorter inpatient hospital stays
- Lower ICU utilization rate
- Shorter OR times

Basket design

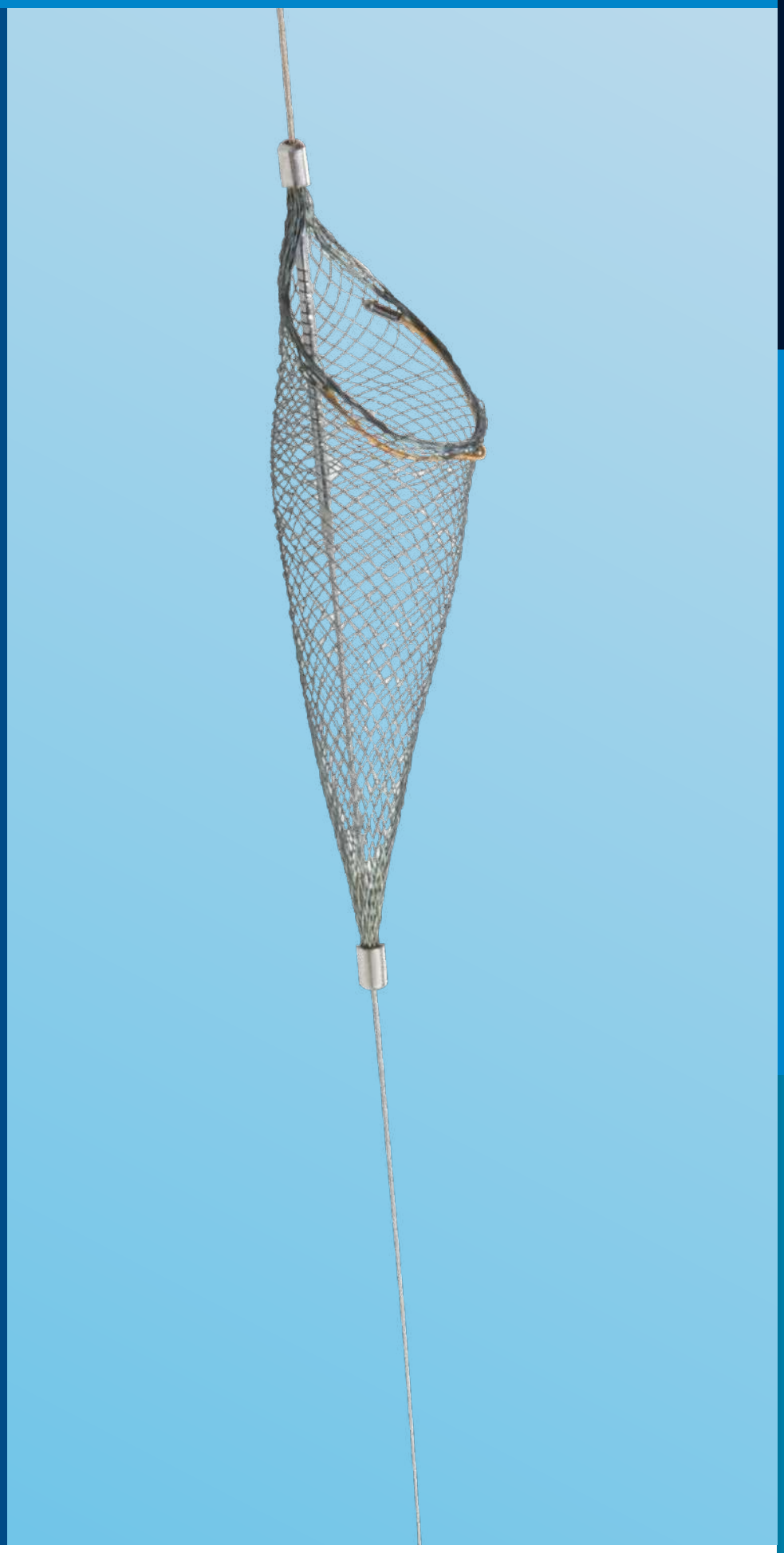
- The unique braided nitinol filter conforms to the vessel wall and maintains full-wall apposition during the intervention. Flow is directed into the filter's conical design, effectively capturing debris while maintaining blood flow

Visible markers

- A gold tungsten loop around the mouth of the filter, along with radiopaque markers, allows for precise positioning and verification of apposition before proceeding with the intervention

Wire movement

- The capture wire (available in 190 cm and 320 cm lengths) rotates and moves longitudinally, independent of the filter, for enhanced stability during the procedure
- The SpiderFX™ device is available in a variety of sizes (3 – 7 mm) for optimal fit and apposition in a range of vessels



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SpiderFX™

Embolic Protection System

ORDER INFORMATION

Product Catalogue Number (1/Box)	Capture Wire				Delivery Catheter Cross Profile (F)	Recovery Catheter Diameter (F)	Guide Catheter Sheath Minimum ID (inch)
	Filter Size (mm)	Target Vessel Size (mm)	Wire Length OTW/RX (cm)	Wire Diameter (inch / mm)			
SPD2-030-190	3.0	2.0–3.0	190	0.014 / 0.36	3.2	4.2	0.066
SPD2-030-320	3.0	2.0–3.0	320 / 190	0.014 / 0.36	3.2	4.2	0.066
SPD2-040-190	4.0	3.1–4.0	190	0.014 / 0.36	3.2	4.2	0.066
SPD2-040-320	4.0	3.1–4.0	320 / 190	0.014 / 0.36	3.2	4.2	0.066
SPD2-050-190	5.0	4.1–5.0	190	0.014 / 0.36	3.2	4.2	0.066
SPD2-050-320	5.0	4.1–5.0	320 / 190	0.014 / 0.36	3.2	4.2	0.066
SPD2-060-190	6.0	4.5–6.0	190	0.014 / 0.36	3.2	4.2	0.066
SPD2-060-320	6.0	4.5–6.0	320 / 190	0.014 / 0.36	3.2	4.2	0.066
SPD2-070-190	7.0	5.5–7.0	190	0.014 / 0.36	3.2	4.2	0.066
SPD2-070-320	7.0	5.5–7.0	320 / 190	0.014 / 0.36	3.2	4.2	0.066

INDICATIONS:
The SpiderFX™ Embolic Protection System provides distal embolization protection during general vascular use, including peripheral, coronary, and carotid interventions.

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CROSSING CATHETERS

TrailBlazer™

Support Catheter

TrailBlazer™ support catheter is a single lumen over the wire support catheter with a low-profile, tapered tip.

Three platinum / iridium markers are embedded between the two layers of this seamless catheter.

TrailBlazer™ is designed for increased pushability for crossing tight stenoses and occlusions.

Each box includes:

Five catheters in single sterile pouches.

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TrailBlazer™

Support Catheter

ORDER INFORMATION

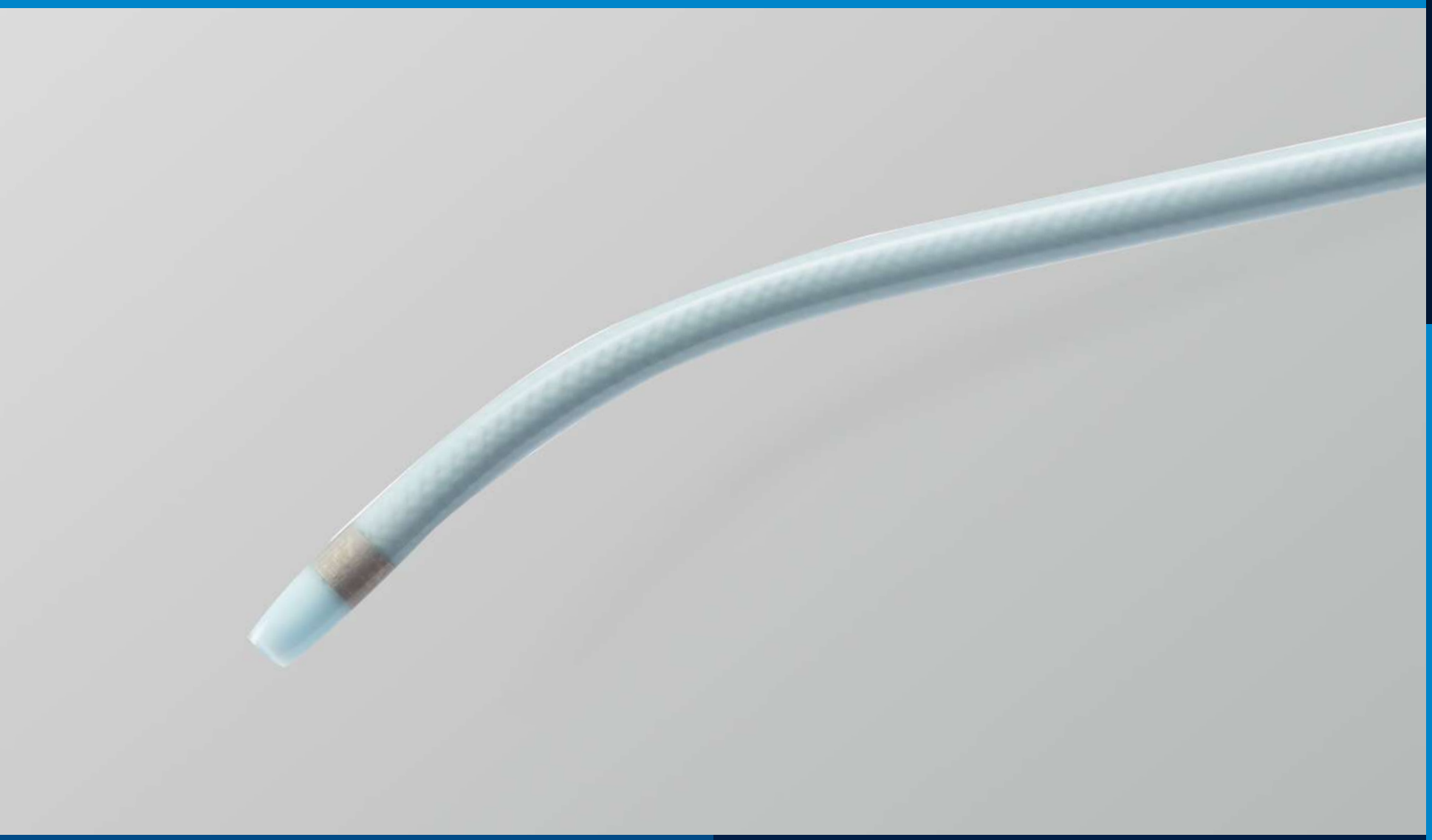
Product Catalogue Number (5/Box)	Guidewire Compatibility (inch)	Usable Catheter Length (cm)	Space Between Radiopaque Markers (mm)	Minimum Guide Catheter (F)	Minimum Introducer Sheath (F)
SC-035-065	0.035	65	50	6	5
SC-035-090	0.035	90	50	6	5
SC-035-135	0.035	135	50	6	5
SC-035-150	0.035	150	50	6	5
SC-018-090	0.018	90	15	5	4
SC-018-135	0.018	135	15	5	4
SC-018-150	0.018	150	15	5	4
SC-014-135	0.014	135	15	5	4
SC-014-150	0.014	150	15	5	4

INDICATIONS: The TrailBlazer™ Support Catheters are percutaneous, single lumen catheters designed for use in the peripheral vascular system.

TrailBlazer™ is intended to guide and support a guidewire during access of the vasculature, allow for wire exchanges, and provide a conduit for the delivery of saline solutions or diagnostic contrast agents.

TrailBlazer™

Angled Support Catheter



Braided catheter

Stainless steel braid provides robust pushability and kink resistance

Ultra low profile tip

Tapered design provides low lesion entry to aid in crossing

1:1 torque

Reliable rotational control

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TrailBlazer™

Angled Support Catheter

ORDER INFORMATION

	Minimum Guide Sheath (F)	Minimum Introducer Sheath (F)	Marker Band Space (mm)	Size Outer Diameter (in)	Product Catalogue Number			
					65 cm	90 cm	135 cm	150 cm
0.014"	5	4	15	0.030" (2.3 F)		ASC-014-090	ASC-014-135	ASC-014-150
0.018"	5	4	15	0.034" (2.6 F)		ASC-018-090	ASC-018-135	ASC-018-150
0.035"	5	4	50	0.050"	ASC-035-065	ASC-035-090	ASC-035-135	ASC-035-150

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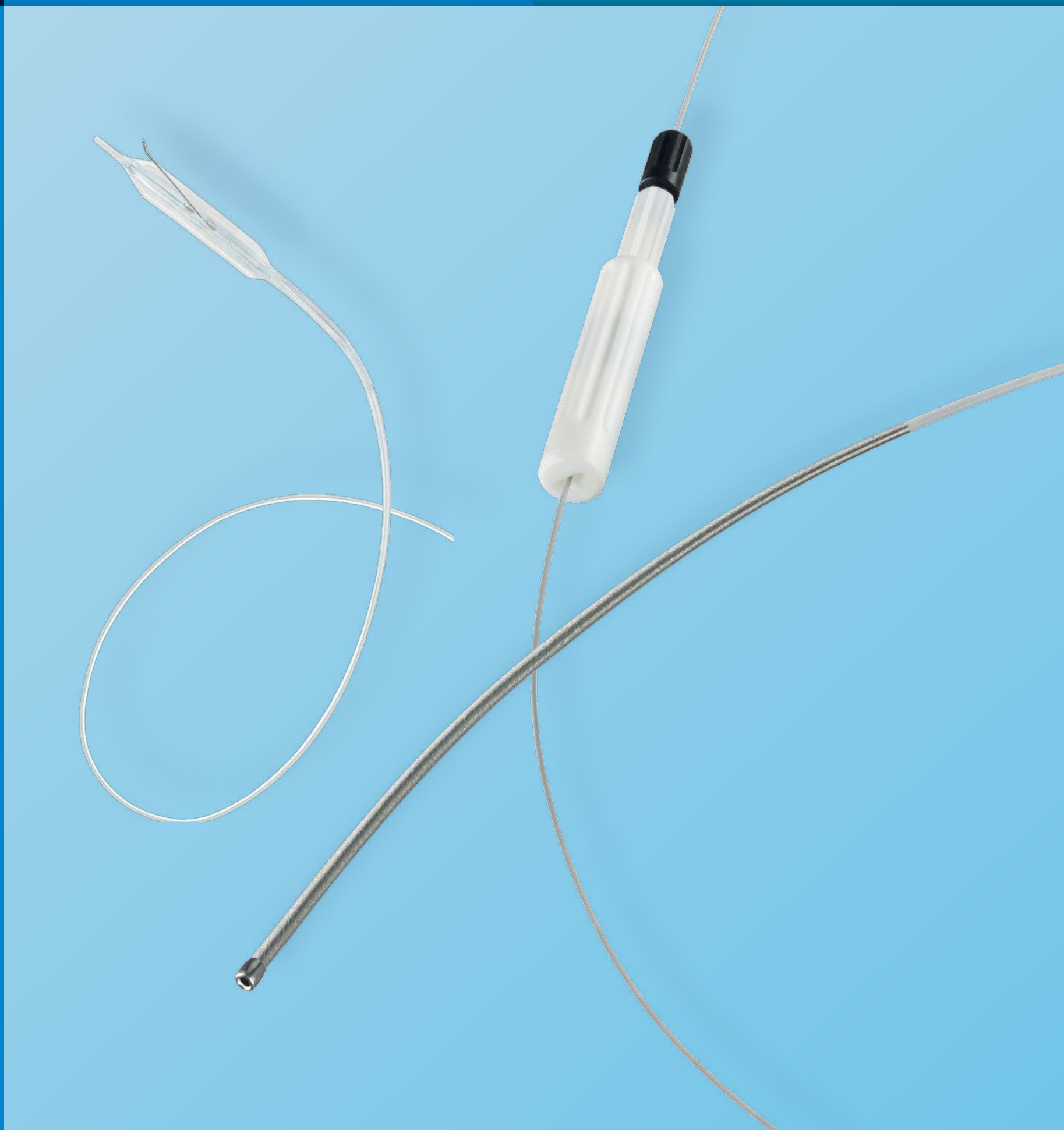
CTO DEVICES



Viance™

Crossing Catheter

A precision instrument designed to quickly and safely deliver a guidewire via the true lumen, the Viance™ crossing catheter puts the control of crossing where it belongs: in your hands.

Providing an effective frontline option for CTOs, the Viance™ crossing catheter enables you to utilize a proactive technique to cross total occlusions via the true lumen.

Low profile atraumatic tip

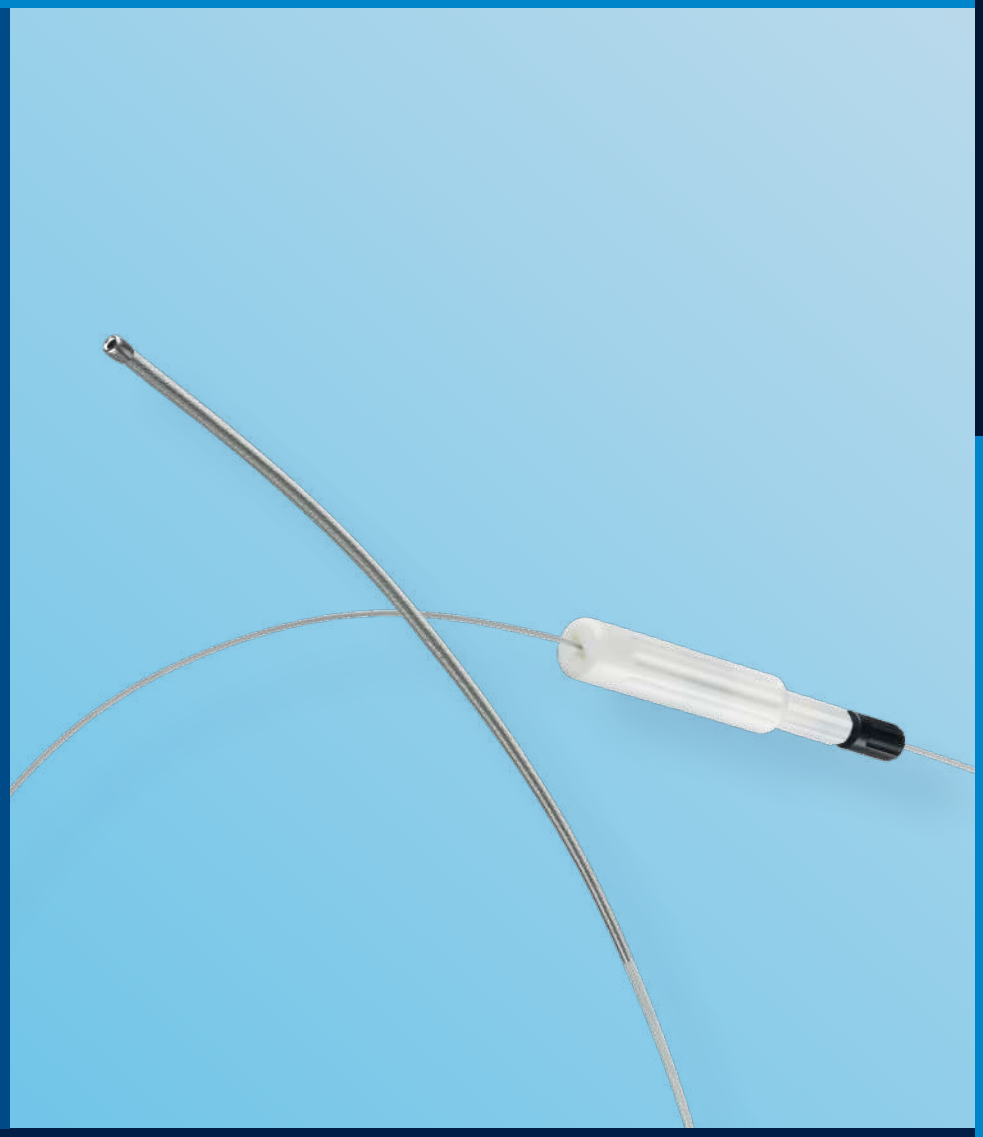
Designed for smooth crossing and minimizes risk of perforation.

Multi-coiled wire shaft

Provides 1:1 torque.

Fast-spin torque handle

Allows for tactile, self-controlled spinning motion enabling the Viance™ catheter tip to find its way through the lesion.



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Viance™

Crossing Catheter

ORDER INFORMATION

Product Catalogue Number	Description	Working Length (cm)	Guidewire Compatibility (inch)	Crossing Profile (max inch)	Sheath Compatibility
VNC-FX-150	Flexible	150	0.014	0.038	5 F
VNC-SD-150	Standard	150	0.014	0.038	5 F

INDICATIONS: Viance™ Crossing Catheter is intended for use with a guidewire to access discrete regions of the peripheral vasculature.

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Enteer™

Re-Entry Catheter

The Enteer re-entry system, consisting of the catheter and guidewire, gives you intuitive control to reliably target the true lumen from the subintimal channel above or below the knee.

The system requires no capital equipment. It's designed to be nothing less than a precise extension of your own expert hand.

Flat shaped self-orienting balloon

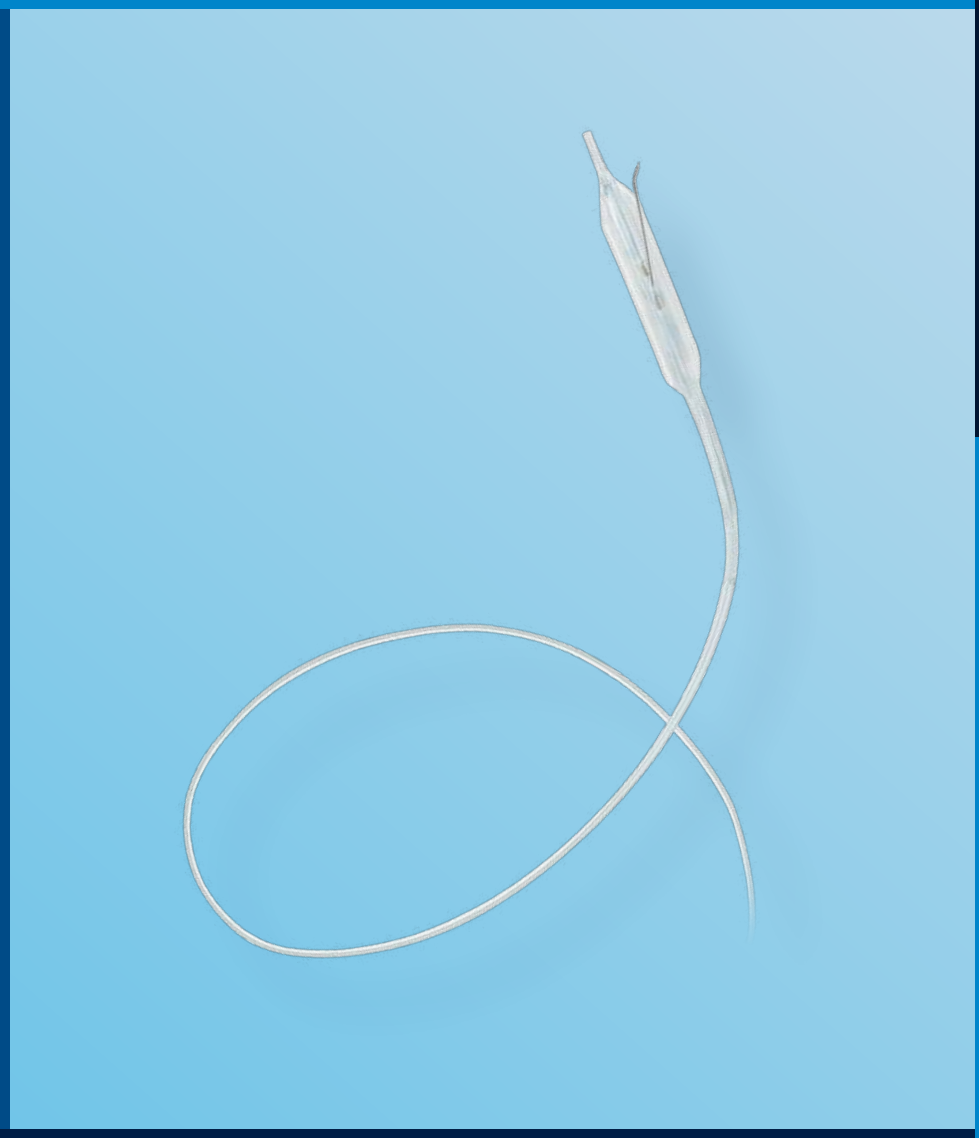
The Enteer™ catheter's unique balloon design self-orients towards the true lumen within the subintimal space when inflated.

180° and offset exit ports

Offset exit ports are located on each side of the device allowing the Enteer™ guidewire to re-enter the correct port into the true lumen.

OTW 0.014" & 0.018" guidewire compatible

Allows for flexibility during your case and minimizes guidewire exchanges.



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Enteer™

Re-Entry Catheter

ORDER INFORMATION

Product Catalogue Number	Balloon Size (W x H x L mm)	Working Length (cm)	Guidewire Compatibility (inch)	Crossing Profile (max inch)	Sheath Compatibility
ENB-375-20-135	3.75 x 1.5 x 20	135	≤ 0.018	0.066	5 F
ENB-275-20-150	2.75 x 1.0 x 20	150	≤ 0.018	0.066	5 F

INDICATIONS: Enteer™ Re-entry Catheter is indicated for directing, steering, controlling, and supporting a guidewire in order to access discrete regions of the peripheral vasculature.

ORDER INFORMATION

Product Catalogue Number	Product	Description
ENW-FX-014-300	Enteer™ Guidewire	0.014" x 300 xm Flexible
ENW-SD-014-300	Enteer™ Guidewire	0.014" x 300 cm Standard
ENW-SF-014-300	Enteer™ Guidewire	0.014" x 300 cm Stiff

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CATHETERS

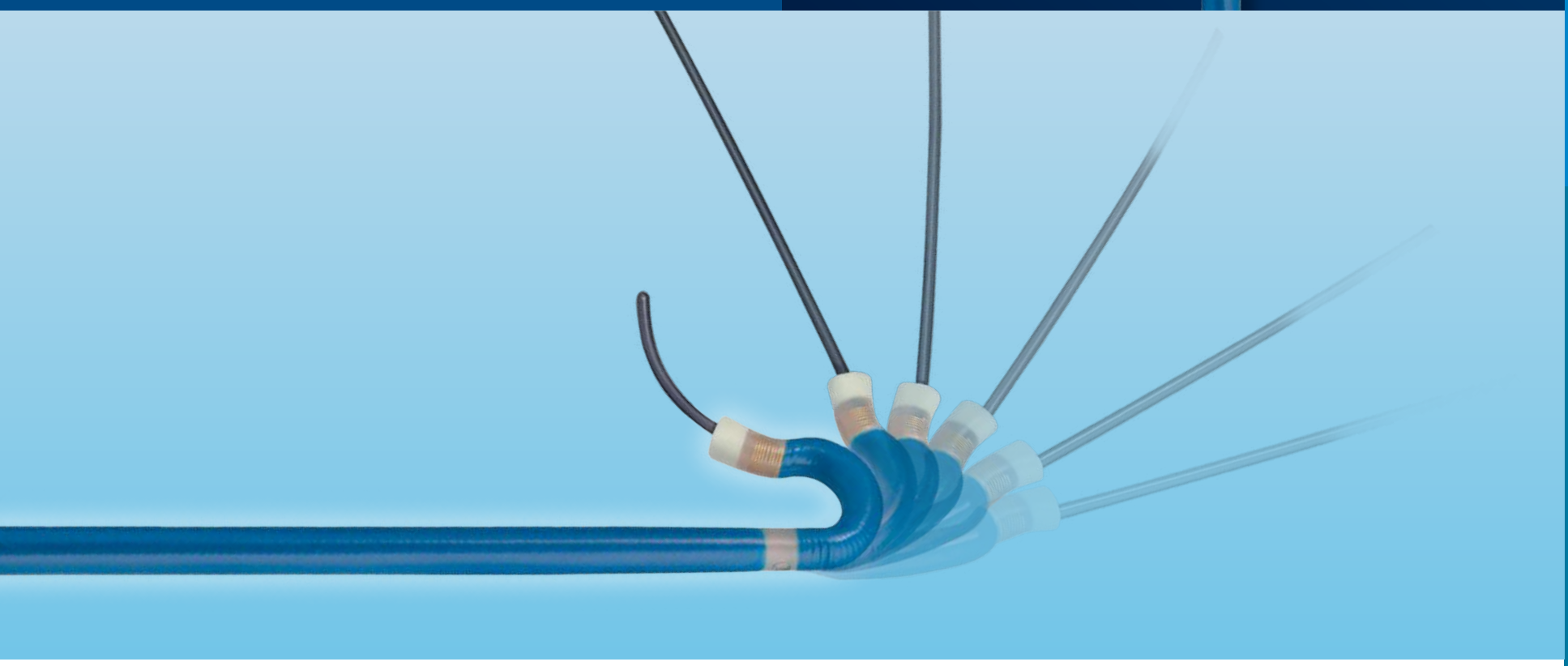
Piton™ GC

Carotid Guide Catheter

ACCESSING THE FUTURE OF CAS INTERVENTION

TECHNICAL SPECIFICATIONS

Outer diameter	8 F (0.104"/ 0.264 mm)
Inner diameter	5 F (0.073"/ 0.186 mm)
Total catheter length	91 cm
Usable catheter length	85 cm
Guidewire outer diameter	max. 2 x 0.035"



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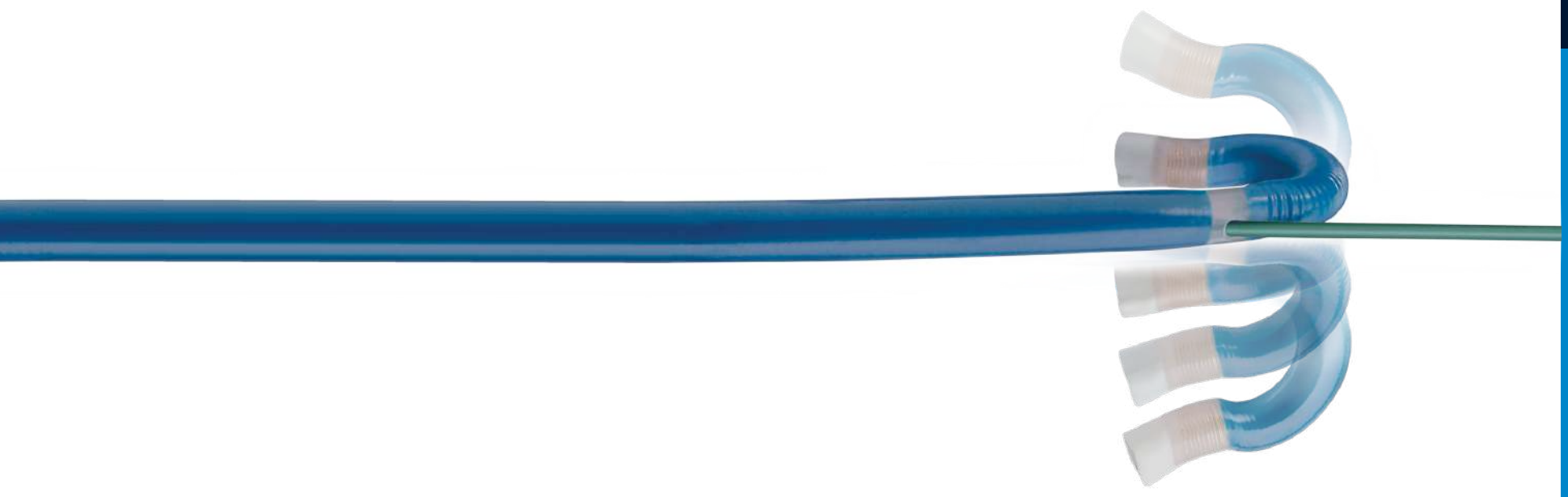
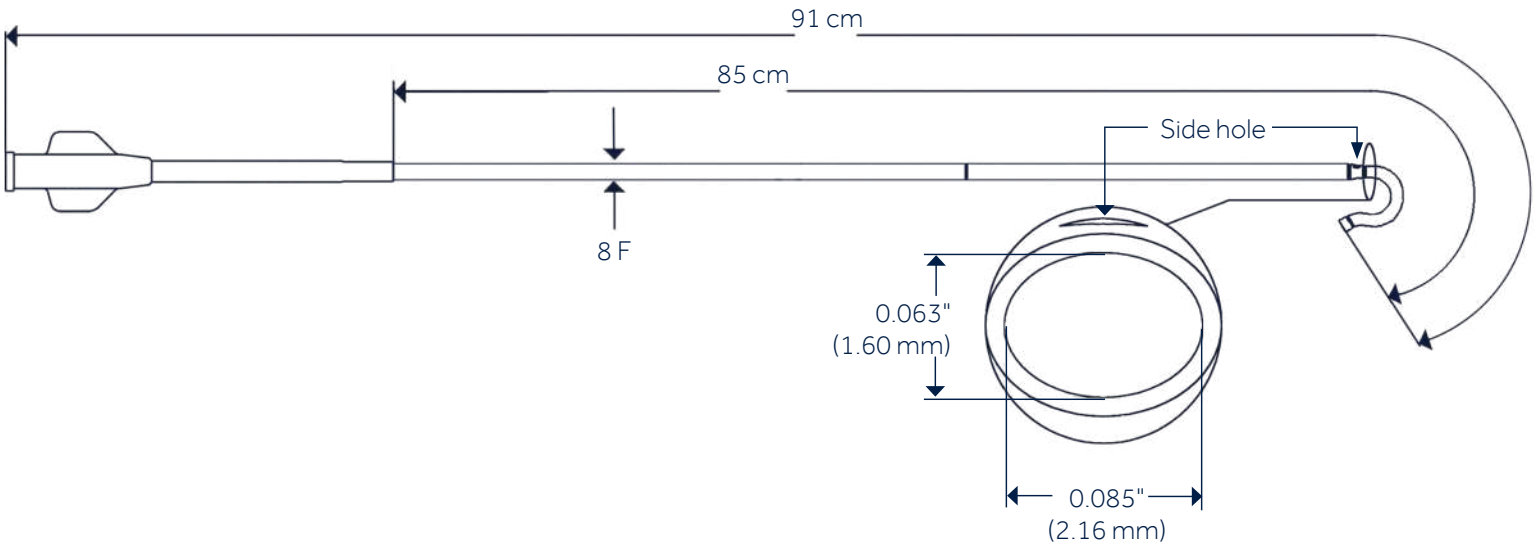
Piton™ GC

Carotid Guide Catheter

ORDER INFORMATION

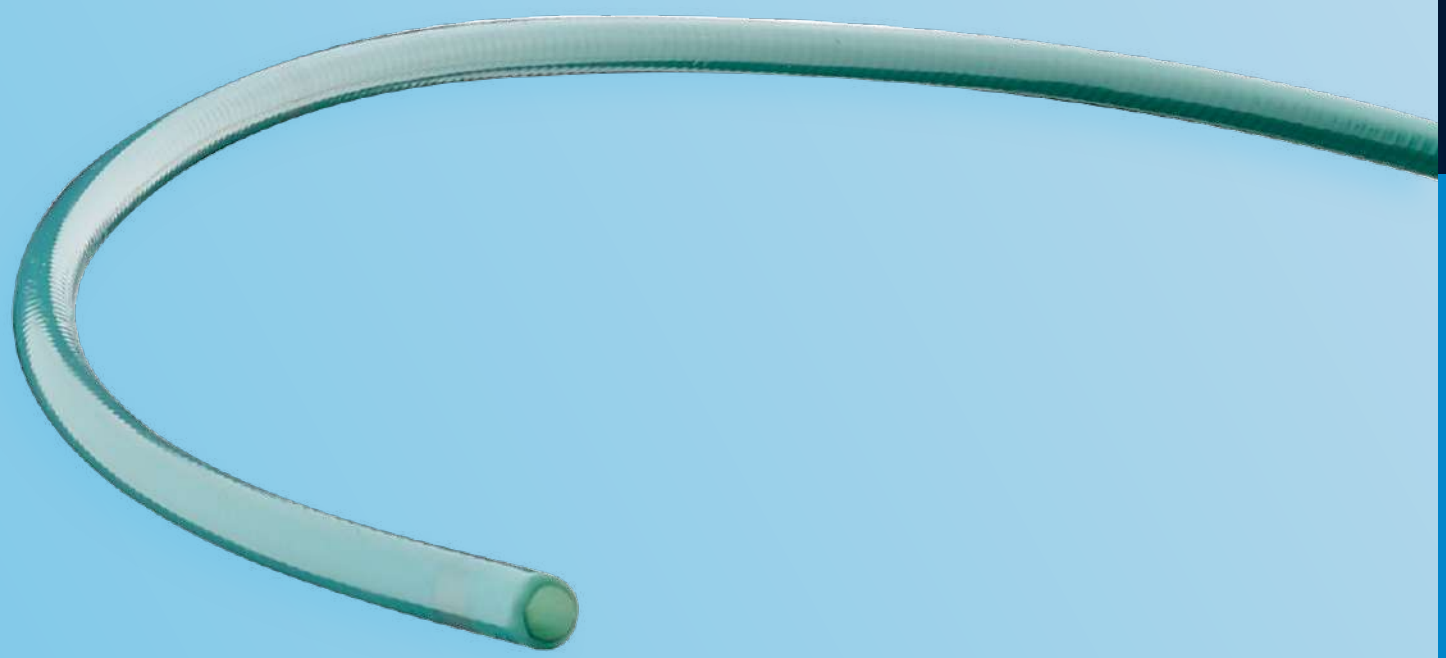
Product Catalogue Number	Usable Length (cm)	Tip Curve
PTN8SC063085	85 cm	Small





Rebar™

Reinforced Microcatheter



The Rebar™ reinforced microcatheter is an end hole single-lumen catheter designed to be introduced via a steerable guidewire into the vasculature.

The catheter has a semi-rigid proximal shaft which transitions into the flexible distal shaft to facilitate the advancement of the catheter into the anatomy.

AORTIC

PERIPHERAL

VENOUS

Rebar™

Reinforced Microcatheter

ORDER INFORMATION

Product Name	Product Catalogue Number	Proximal OD/ Distal OD (F)	Distal ID (inch)	Total Length (cm)	Usable Length (cm)	Maximum Guidewire (inch)
Rebar™ -18	105-5081-130	2.7 / 2.4	0.021	137	130	0.018
Rebar™ -18	105-5083-153	2.7 / 2.4	0.021	160	153	0.018
Rebar™ -27	105-5082-145	2.8 / 2.8	0.027	150	145	0.021

TECHNICAL SPECIFICATIONS

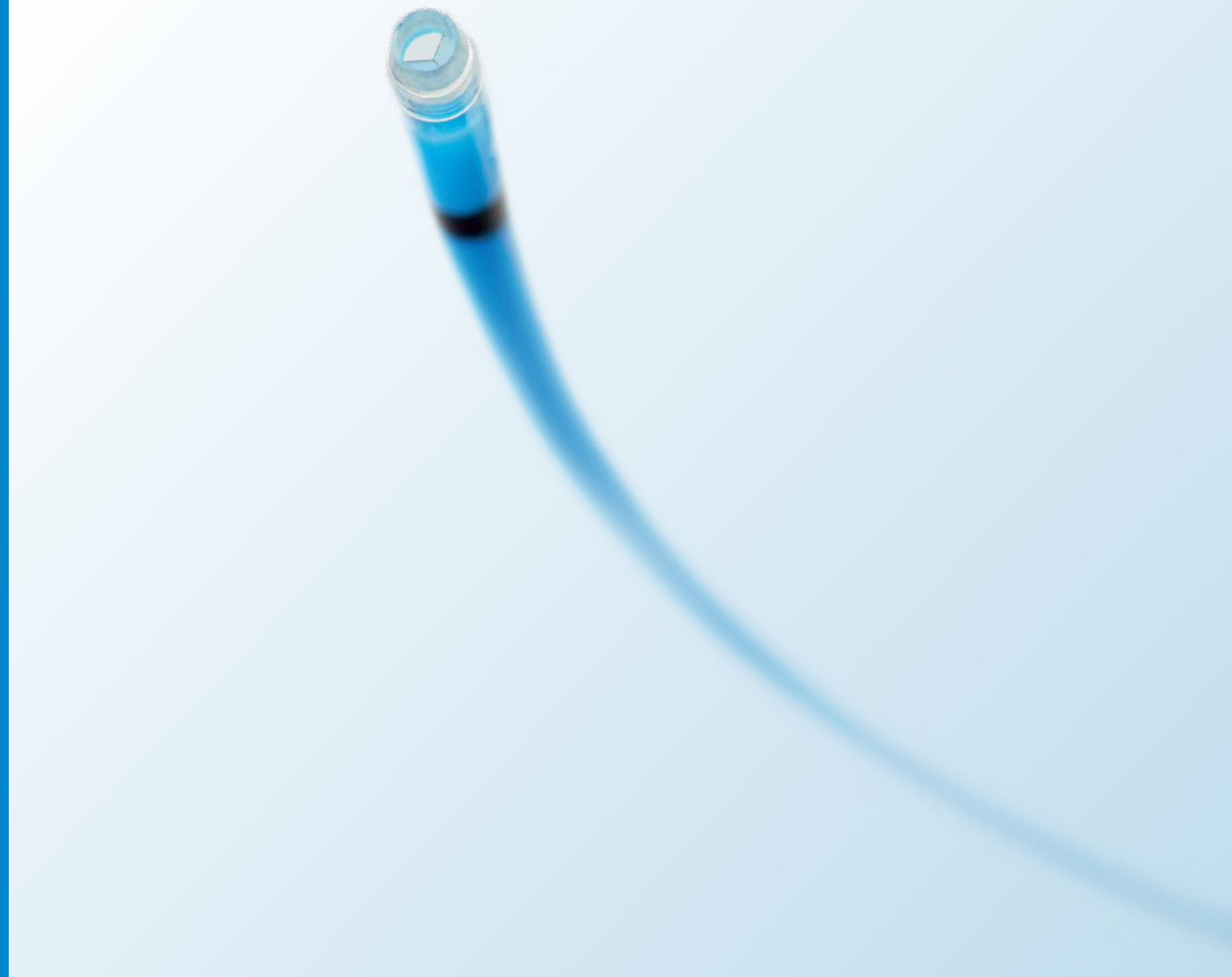
Stainless steel reinforced microcatheter	Lubricious hydrophilic outer coating	Steam-shapeable tips
This microcatheter is DMSO compatible and therefore optimized for delivering the Onyx™ Liquid Embolic System	Less effort required to track through tortuous vessels	The tip of the catheter can be steam-shaped using the mandrel provided
High resistance to kinking when maneuvering around tight bends	Smooth movement when navigating through vasculature	Onyx™ Liquid Embolic System compatible
Radiopaque marker at the distal end facilitates fluoroscopic visualization		

AORTIC

PERIPHERAL

VENOUS

THROMBUS MANAGEMENT



Cragg-McNamara™

Valved Infusion Catheters

The Cragg-McNamara™ Valved Infusion Catheter is a single lumen infusion catheter with a valved tip that allows infusion without the need of a tip-occluding guidewire.

Large infusion lumen

Only 5 F Cragg-McNamara™ catheters give you the option to infuse without a guidewire in place, nearly doubling the infusion lumen area.

Streamlined patient care

Infuse overnight, without a guidewire in place which eliminates the risk of guidewire movement for simplified patient care.

Treat without a tip-occluding guidewire and sidearm adapter, which may contribute to cost savings.

AORTIC

PERIPHERAL

VENOUS

Cragg-McNamara™

Valved Infusion Catheters

ORDER INFORMATION

Product Catalogue Number (1 / Box)	Diameter (F)	Usable Length (cm)	Infusion Length (cm)	Recommended Guidewire (inch)
41032-01	4	40	10	0.035
41033-01	4	40	20	0.035
41034-01	4	65	5	0.035
41035-01	4	65	10	0.035
41036-01	4	65	20	0.035
41037-01	4	100	5	0.035
41038-01	4	100	10	0.035
41039-01	4	100	20	0.035
41040-01	4	135	5	0.035
41041-01	4	135	10	0.035
41042-01	4	135	20	0.035
41043-01	5	40	5	0.038
41044-01	5	40	10	0.038
41045-01	5	40	20	0.038
41046-01	5	65	5	0.038
41047-01	5	65	10	0.038
41048-01	5	65	20	0.038
41049-01	5	100	5	0.038
41050-01	5	100	10	0.038
41051-01	5	100	20	0.038
41052-01	5	100	30	0.038
41053-01	5	100	40	0.038
41054-01	5	100	50	0.038
41055-01	5	135	5	0.038
41056-01	5	135	10	0.038
41057-01	5	135	20	0.038
41058-01	5	135	30	0.038
41059-01	5	135	40	0.038
41060-01	5	135	50	0.038

INDICATIONS: The Cragg-McNamara™ Infusion Catheter is indicated for use in the controlled, selective infusion of physician-specified pharmacological agents or radiopaque contrast media into the general vasculature.

MicroMewi™

Multiple Sidehole Infusion Catheters

The MicroMewi™ multiple sidehole infusion catheters feature radiopaque platinum markers providing fluoroscopic visualization for precise catheter placement.

Flexible and trackable distal catheter segment allows access to tortuous anatomy.

Design Details

- Radiopaque platinum markers provide for exceptional visualization and precise catheter placement
- The flexible and trackable distal catheter segment permits easy navigation through tortuous anatomy for above- or below-the knee applications
- **Multiple sideholes** permit direct infusion into a thrombosed segment

AORTIC

PERIPHERAL

VENOUS

MicroMewi™

Multiple Sidehole Infusion Catheters

ORDER INFORMATION

Product Catalogue Number (1/Box)	Diameter (F)	Usable Length (cm)	Infusion Length (cm)	Recommended Guidewire (inch)
41063-01	2.9	150	5	0.018
41064-01	2.9	150	10	0.018
41066-01	2.9	180	5	0.018
41067-01	2.9	180	10	0.018

INDICATIONS: The MicroMewi™ multiple sidehole infusion catheter is indicated for use in the controlled, selective infusion of physician-specified pharmacological agents or radiopaque contrast media into general vasculature.

ProStream™

Multiple Sidehole Infusion Wires

The ProStream™ multiple sidehole infusion wires are constructed with an integral core wire, stainless steel coil and an outer Teflon™ layer.

The wires are available in a wide variety of sidehole infusion lengths.

The ProStream™ multiple sidehole infusion wires can be used coaxially through 5 F infusion catheters.

Unique Core Wire Design

- Radiopaque markers
- Eliminates the need for a separate core wire
- Provides torqueability for added control
- Is small enough to reach distal vessels alone or when used inside a 5 F coaxial system
- Enhances visualization and permits precise placement proximal and distal to the infusion length

AORTIC

PERIPHERAL

VENOUS

ProStream™

Multiple Sidehole Infusion Wires

ORDER INFORMATION

Product Catalogue Number (1 / Box)	Usable Length (cm)	Infusion Length (cm)	Diameter (inch)
41272-01	145	6	0.035
41273-01	145	9	0.035
41274-01	145	12	0.035
41276-01	175	6	0.035
41277-01	175	9	0.035
41278-01	175	12	0.035

INDICATIONS: The ProStream™ Multiple Sidehole Infusion Wire is indicated for use in the controlled, selective infusion of physician-specified pharmacological agents or radiopaque contrast media into general vasculature.

AORTIC

PERIPHERAL

VENOUS

GUIDEWIRES

Nitrex™

Guidewires

The Nitrex™ Guidewires are constructed of a solid nitinol core offering nitinol kink-resistance and 1:1 torque.

All models feature a silicone coating and a gold-plated tungsten coil for enhanced radiopacity. The guidewires also come in a variety of sizes and angles.

Each box includes:
Three guidewires in carrying hoop. Torque devices included on 0.014" and 0.018" wire sizes.

AORTIC

PERIPHERAL

VENOUS

Nitrex™

Guidewires

ORDER INFORMATION

Product Catalogue Number (3 / Box)	Diameter (inch)	Length (cm)	Tip Style	Tip Length (cm)	Tip Shape	Tip Angle
0.014"						
N140801	0.014	80	INT	5	Angle	15°
N141802	0.014	180	INT	5	Angle	15°
N143001	0.014	300	INT	5	Angle	15°
0.018"						
N180601	0.018	60	INT	5	Straight	0
N180603	0.018	60	INT	7	Straight	0
N180801	0.018	80	STD	2	Straight	0
N180802	0.018	80	INT	5	Angle	15°
N181804	0.018	180	STD	2	Straight	0
N181805	0.018	180	INT	5	Angle	15°
N181806	0.018	180	FLOP	20	Angle	15°
N183001	0.018	300	STD	2	Straight	0
N183002	0.018	300	INT	5	Angle	15°
0.025"						
N251801	0.025	180	INT	8	Angle	15°
N251802	0.025	180	STD	2	Straight	0
N252601	0.025	260	INT	8	Angle	15°

INDICATIONS: 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 Nitrex™ nitinol Guidewires are indicated for use in the peripheral vasculature.

ABBREVIATIONS:
INT: Intermediate - STD: Standard -FLOP: Floppy Indications

Nitrex™

Guidewires

ORDER INFORMATION

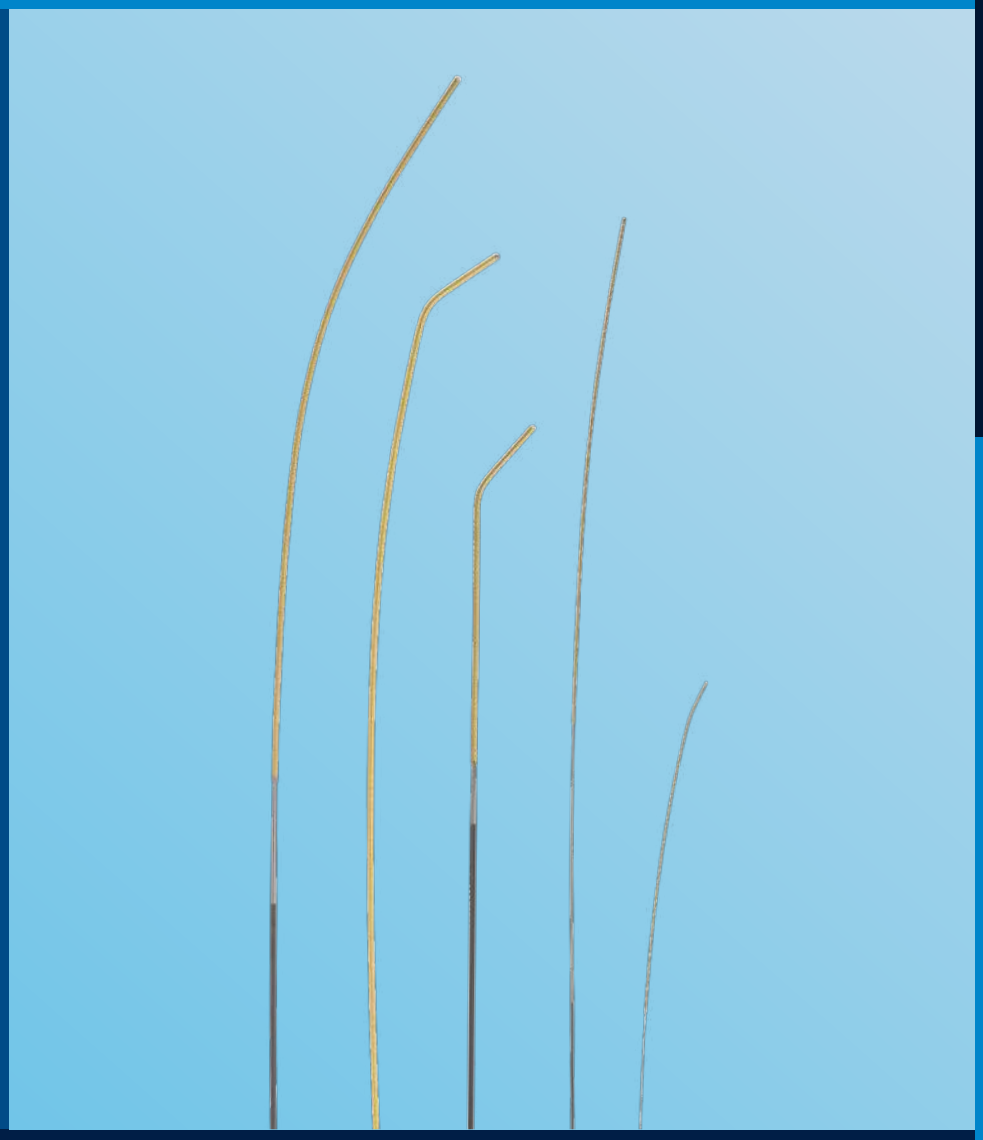
Product Catalogue Number (3 / Box)	Diameter (inch)	Length (cm)	Tip Style	Tip Length (cm)	Tip Shape	Tip Angle
0.035" FLEXIBLE SHAFT						
N351451	0.035	145	INT	15	Straight	0
N351452	0.035	145	INT	15	Angle	45°
N351803	0.035	180	INT	15	Straight	0
N352601	0.035	260	INT	15	Angle	45°
N354001	0.035	400	INT	15	Straight	0
0.035" STIFF SHAFT						
N350801	0.035	80	INT	9	Straight	0
N351453	0.035	145	FLOP	14	Angle	45°
N351455	0.035	145	FLOP	14	Straight	0
N351454	0.035	145	INT	9	Straight	0
N351804	0.035	180	INT	9	Straight	0
N351805	0.035	180	STD	4	Angle	45°
N352602	0.035	260	FLOP	14	Straight	0
N352604	0.035	260	INT	9	Straight	0
N352603	0.035	260	STD	4	Angle	45°
N353001	0.035	300	INT	9	Straight	0
N354002	0.035	400	INT	9	Straight	0

Babywire™

Double-Ended Nitinol Guidewire

The Babywire™ Double-Ended Nitinol Guidewires assist the placement of IV Catheters and exchange of small vessel arterial / venous lines.

Each box includes:
Ten wires



AORTIC

PERIPHERAL

VENOUS

Babywire™

Double-Ended Nitinol Guidewire

ORDER INFORMATION

Product Catalogue Number (10 / Box)	Diameter (inch)	Length (cm)
BW1200	0.012	18
BW1201	0.012	50

INDICATIONS: The Babywire™ Guidewire is intended for assisting the placement of initial catheters and/or exchange in the small vessel anatomy. The Babywire™ Guidewire is compatible with a 24 - gauge needle or 2.0 F catheter.

AqWire™

Guidewire

The AqWire™ guidewire combines the lubricity of a hydrophilic coating with the durability and kink resistance of a solid nitinol core.

Each box includes:
Three hydrophilic guidewires.

AORTIC

PERIPHERAL

VENOUS

AqWire™

Guidewire

ORDER INFORMATION

Product Catalogue Number (3/Box)	Diameter (inch)	Length (cm)	Body Type	Tip Angle
0.018"				
A181501	0.018	150	Standard	0
A181502	0.018	150	Standard	45°
A181801	0.018	180	Standard	0
A181802	0.018	180	Standard	45°
A182601	0.018	260	Standard	0
A182602	0.018	260	Standard	45°
0.035" STANDARD BODY				
A351501	0.035	150	Standard	0
A351502	0.035	150	Standard	45°
A351801	0.035	180	Standard	0
A351802	0.035	180	Standard	45°
A352601	0.035	260	Standard	0
A352602	0.035	260	Standard	45°
0.035" STIFF BODY				
A351503	0.035	150	Stiff	0
A351504	0.035	150	Stiff	45°
A351803	0.035	180	Stiff	0
A351804	0.035	180	Stiff	45°
A352603	0.035	260	Stiff	0
A352604	0.035	260	Stiff	45°

INDICATIONS: contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Wholey™

Guidewire System 0.035"

The Wholey™ Guidewire System provides enhanced torqueability and lubricity, allowing interventionalists to approach challenging cases with confidence.

Each box includes:

Three hydrophilic coated guidewires.

Steer

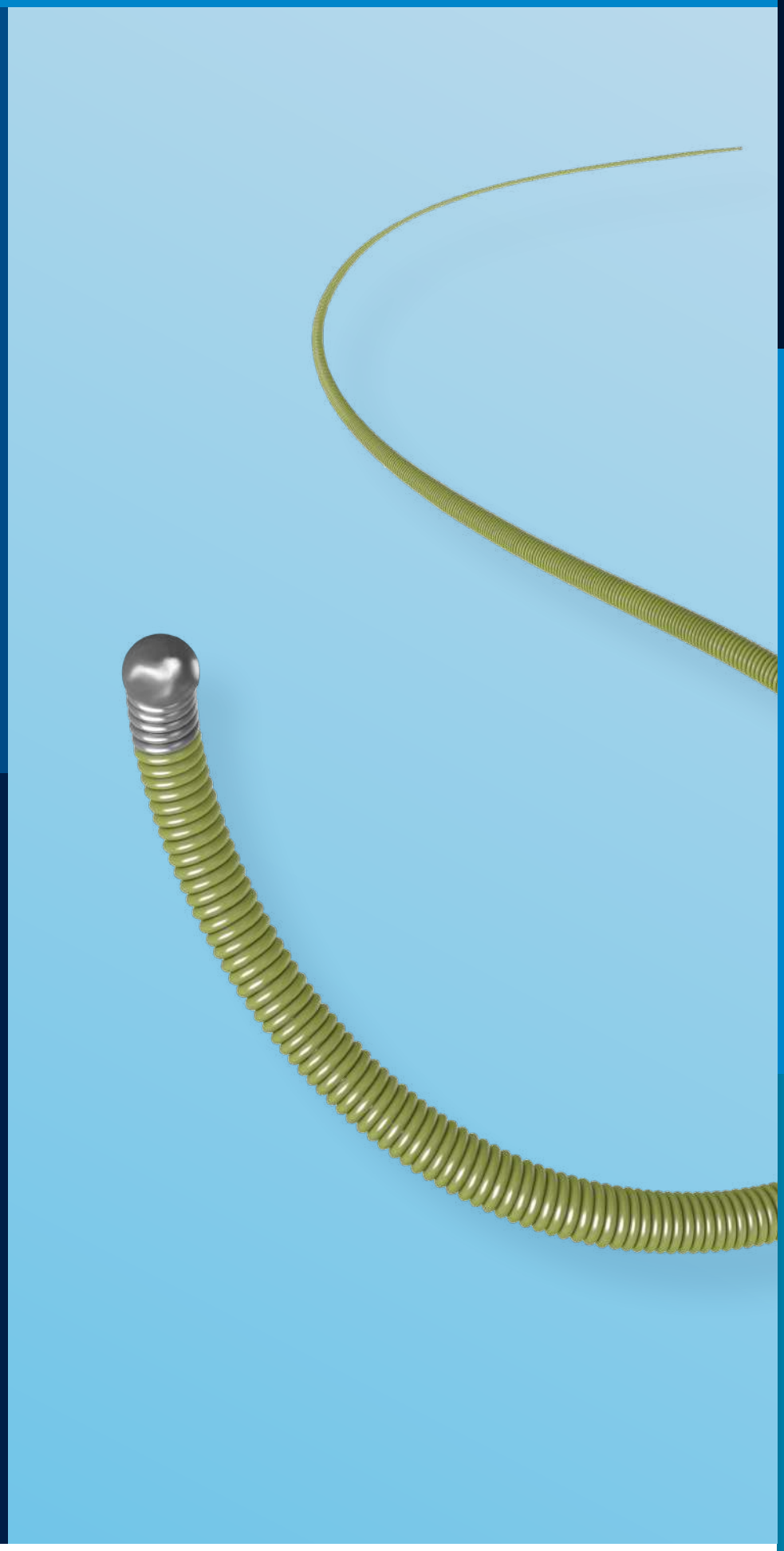
One-to-one torque for precise navigation in tortuous anatomy.

Slide

Proprietary precoating technology provides consistent coating over entire coil.

See

Platinum tungsten coil tip offers high visibility to assist with accurate placement.



AORTIC

PERIPHERAL

VENOUS

Wholey™

Guidewire System 0.035"

ORDER INFORMATION

Product Catalogue Number	Description	Stiffness Profile	Tip Style	Outer Diameter (inch)	Length (cm)	Quantity
WWFS35145	Floppy tip, extension compatible	Floppy	Straight / shapeable	0.035	145	3/pkg
WWFS35175	Floppy tip, extension compatible	Floppy	Straight / shapeable	0.035	175	3/pkg
WWFS35260	Floppy tip, exchange length	Floppy	Straight / shapeable	0.035	260	3/pkg
WWFS35300	Floppy tip, exchange length	Floppy	Straight / shapeable	0.035	300	3/pkg
WWIJ35145	Modified J tip, extension compatible	Intermediate	Modified J / shapeable	0.035	145	3/pkg
WWIJ35175	Modified J tip, extension compatible	Intermediate	Modified J / shapeable	0.035	175	3/pkg
WWIJ35260	Modified J tip, exchange length	Intermediate	Modified J / shapeable	0.035	260	3/pkg
WWIJ35300	Modified J tip, exchange length	Intermediate	Modified J / shapeable	0.035	300	3/pkg
WWSS35145	Standard tip, extension compatible	Standard	Straight / shapeable	0.035	145	3/pkg
WWSS35175	Standard tip, extension compatible	Standard	Straight / shapeable	0.035	175	3/pkg
WWSS35260	Standard tip, exchange length	Standard	Straight / shapeable	0.035	260	3/pkg
WWSS35300	Standard tip, exchange length	Standard	Straight / shapeable	0.035	300	3/pkg
WWES35001	Extension system	Standard	Straight / shapeable	0.035	155	3/pkg

INDICATIONS: The Wholey™ guidewire system is intended to facilitate the placement and exchange of interventional devices during diagnostic or therapeutic interventional procedures. The guidewire can be torqued to facilitate navigation through tortuous arteries and/or avoid unwanted side branches.

Kitewire™ Deep

Peripheral Guidewire 0.014"

AORTIC

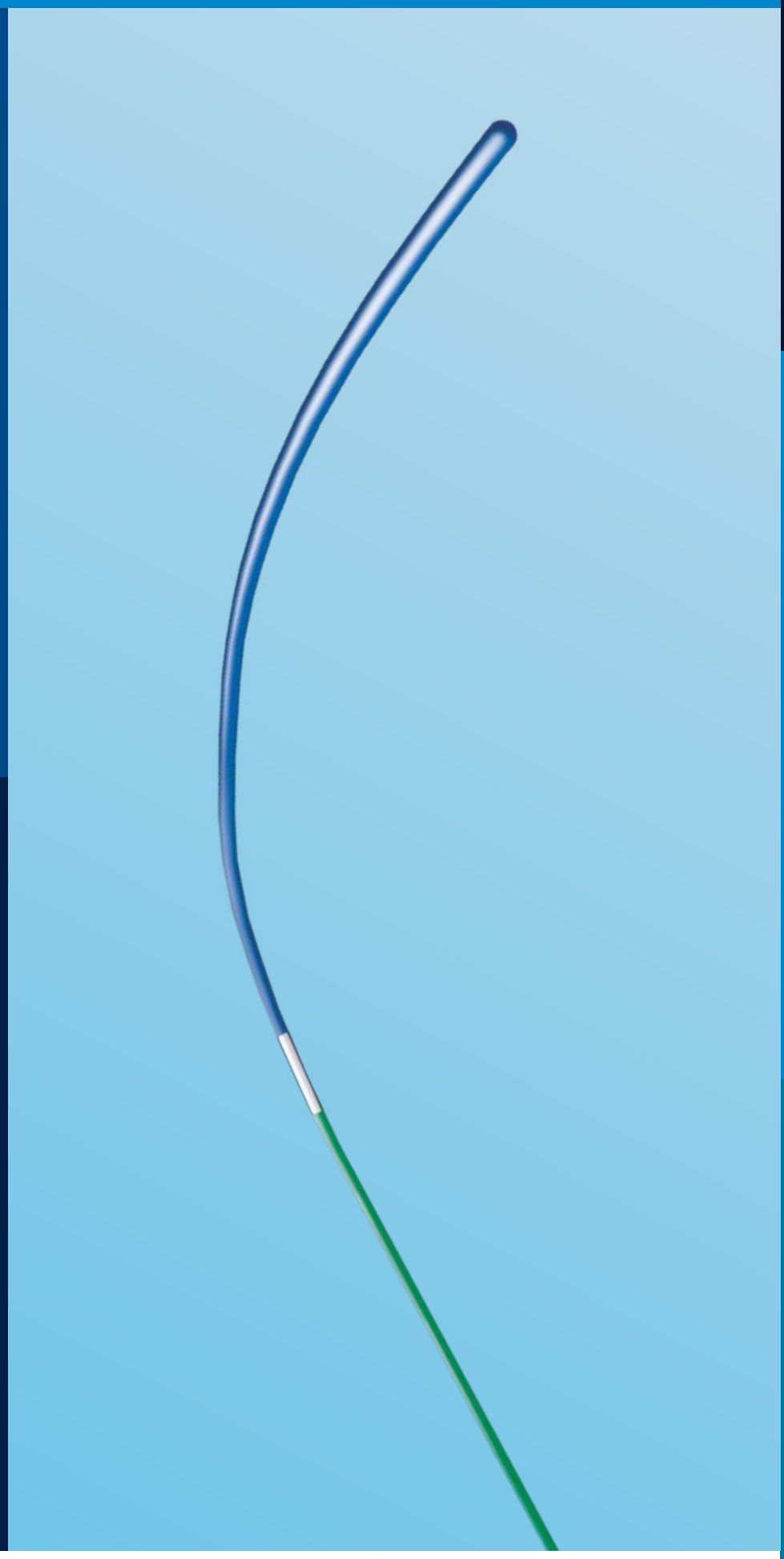
PERIPHERAL

VENOUS

SMOOTH TRACKABILITY FOR LONG DIFFUSE

TECHNICAL SPECIFICATIONS

Guidewire outer diameter	0.014"
Coating of the guidewire coil	Polymer and hydrophilic
Total length of the guidewire	195, 250 and 300 cm
Support	Extra support
Radiopaque coil length	3 cm platinum alloy spring coil
Tip shape	Straight, shapeable
Tip stiffness variations	Standard and intermediate



Kitewire™ Deep

Peripheral Guidewire 0.014"

ORDER INFORMATION

Product Catalogue Number	Usable Length (cm)	Tip Stiffness
KTD 195 INT 14S	195	Intermediate
KTD 195 STD 14S	195	Standard
KTD 250 INT 14S	250	Intermediate
KTD 250 STD 14S	250	Standard
KTD 300 INT 14S	300	Intermediate
KTD 300 STD 14S	300	Standard

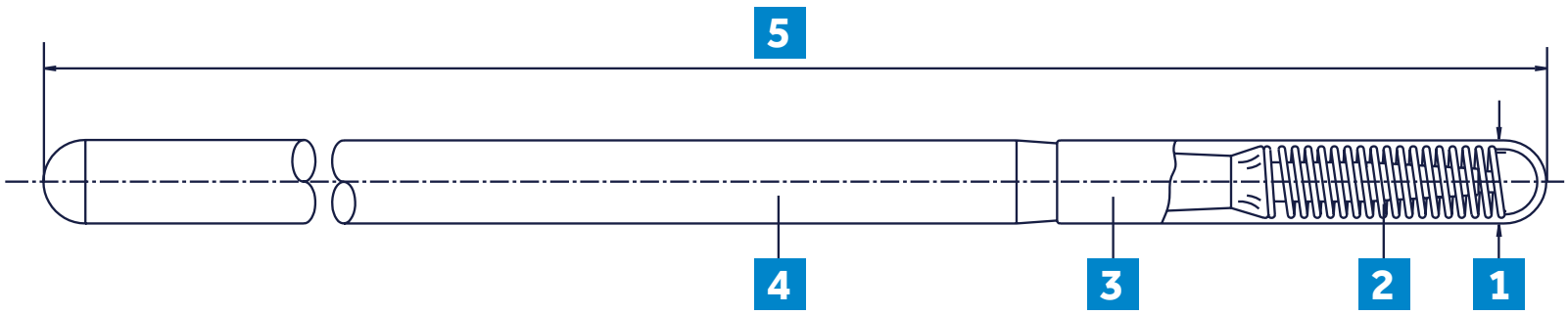
1 Outer diameter

2 Stainless steel

3 Platinum coil

4 Usable length

5 Polymer jacket



MANUFACTURER: Brivant Ltd, Parkmore West Business Park, Galway, Ireland

AORTIC

PERIPHERAL

VENOUS

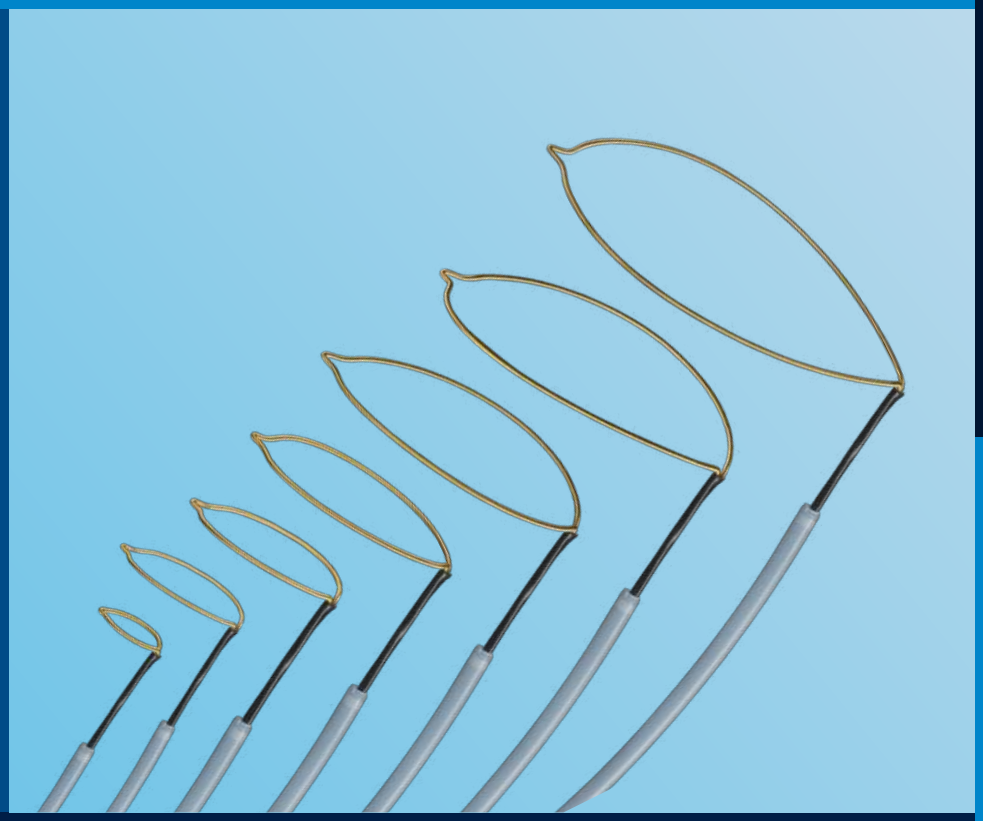
SNARES

Amplatz GooseNeck™

Snare Kit

Engineered for precise retrieval and manipulation, the Amplatz GooseNeck™ Snares and Microsnares (for small vessel applications) feature a highly radiopaque snare loop that is 90° to shaft of the snare. Other features include a nitinol shaft for kink resistance and gold tungsten loop for enhanced visualization.

Each kit includes:
One snare, one snare catheter, one introducer and one torque device.



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Amplatz GooseNeck™

Snare Kit

ORDER INFORMATION

Product Catalogue Number (1/box)	Catheter o.d (F)	Catheter Length (cm)
MC4000	4	102
MC4001	4	48
MC6000	6	102
MC6001	6	48

Each kit includes:
One snare, one snare catheter, one introducer and one torque device.

ORDER INFORMATION

Product Catalogue Number (1/box)	Loop Diameter (mm)	Snare Length (cm)	Catheter Size (F)	Catheter Length (cm)
GN500	5	120	4	102
GN1000	10	120	4	102
GN1001	10	65	4	48
GN1500	15	120	6	102
GN2000	20	120	6	102
GN2501	25	65	6	48
GN2500	25	120	6	102
GN3000	30	120	6	102
GN3500	35	120	6	102

INDICATIONS: The Amplatz GooseNeck™ Snare is intended for use in the cardiovascular system or hollow viscus to retrieve and manipulate foreign objects. Manipulation procedures include indwelling venous catheter, fibrin sheath stripping, and central venous access venipuncture procedure assistance.

AORTIC

PERIPHERAL

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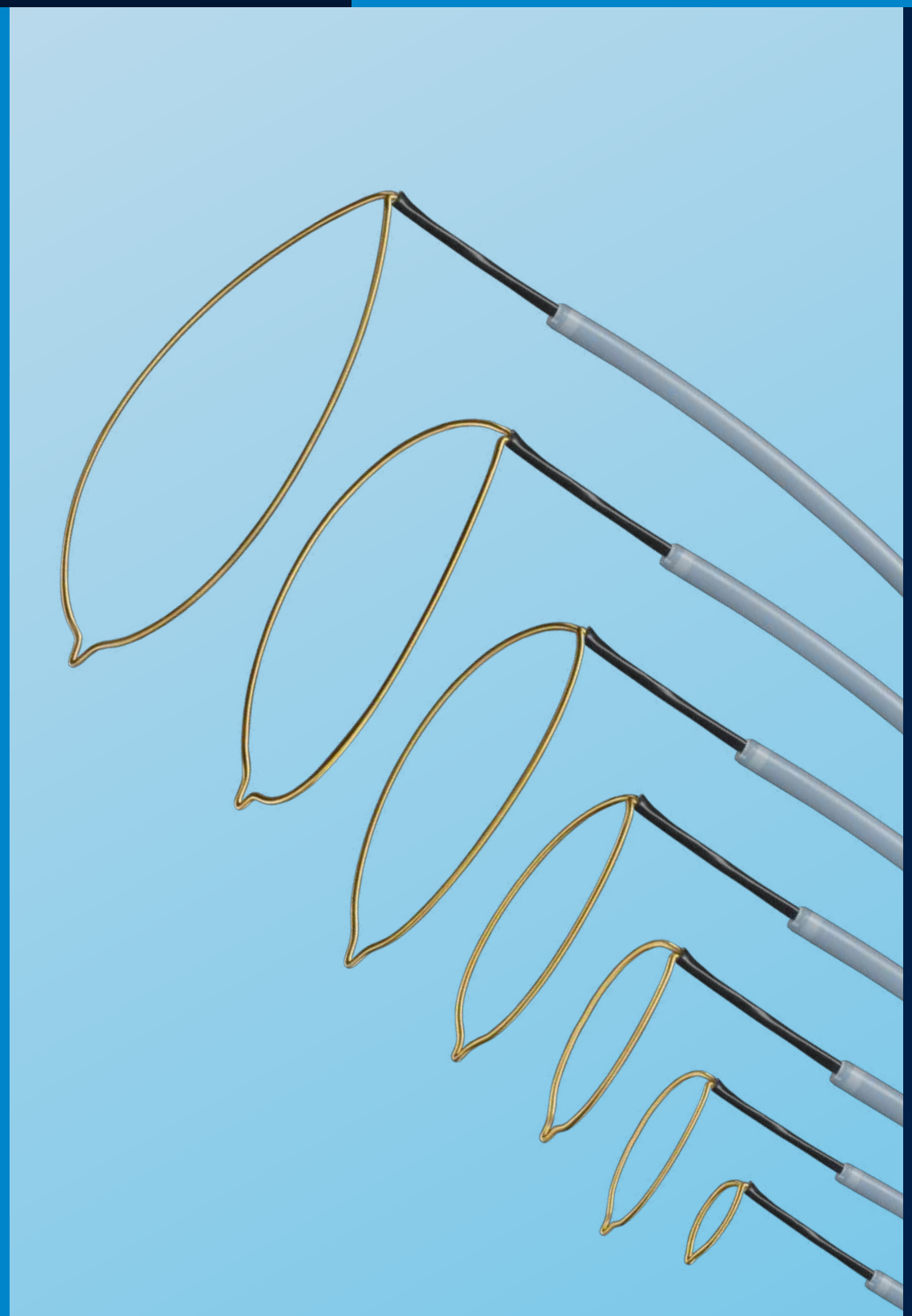
Amplatz GooseNeck™

MicroSnare Kit



Amplatz GooseNeck™

MicroSnare Kit

ORDER INFORMATION

Product Catalogue Number (1/box)	Loop Diameter (mm)	Snare Length (cm)	Catheter Size Distal-Proximal (F)	Catheter Length (cm)
SK200	2	175	2.3 - 3	150
SK201	2	200	2.3 - 3	175
SK400	4	175	2.3 - 3	150
SK401	4	200	2.3 - 3	175
SK700	7	175	2.3 - 3	150
SK701	7	200	2.3 - 3	175

INDICATIONS: The Amplatz GooseNeck™ Snare is intended for use in the retrieval and manipulation of atraumatic foreign bodies located in the coronary and peripheral cardiovascular system and the extra-cranial neurovascular anatomy.

Each kit includes: one snare, one snare catheter, one introducer, and one torque device

AORTIC

PERIPHERAL

VENOUS

Y-CONNECTORS

Bigeasy™

Rotating Y-connector

ORDER INFORMATION

Product Catalogue Number (5/package)	Description
MVA100	2-way Adjustable Valve

Sequel™

Rotating Double Y-connector

ORDER INFORMATION

Product Catalogue Number (5/package)	Description
MVA200	2-way Adjustable Valve

AORTIC

PERIPHERAL

VENOUS

VASCULAR EMBOLIZATION

Onyx™

Liquid Embolic System

The Onyx™ Liquid Embolic System is an EVOH co-polymer designed to provide complete occlusion in a controlled embolization procedure, achieving clinical success across a variety of applications.

AORTIC

PERIPHERAL

VENOUS

Onyx™

Liquid Embolic System

ORDER INFORMATION

Product Catalogue Number	Onyx™ Formulation
105-7200-060	Onyx™ 18 kit 1.5 ml
105-7200-080	Onyx™ 34 kit 1.5 ml

INDICATIONS: Embolization of lesions in the peripheral vasculature, including endoleaks, arteriovenous malformations, portal veins, bleeding, and tumors.

AORTIC

PERIPHERAL

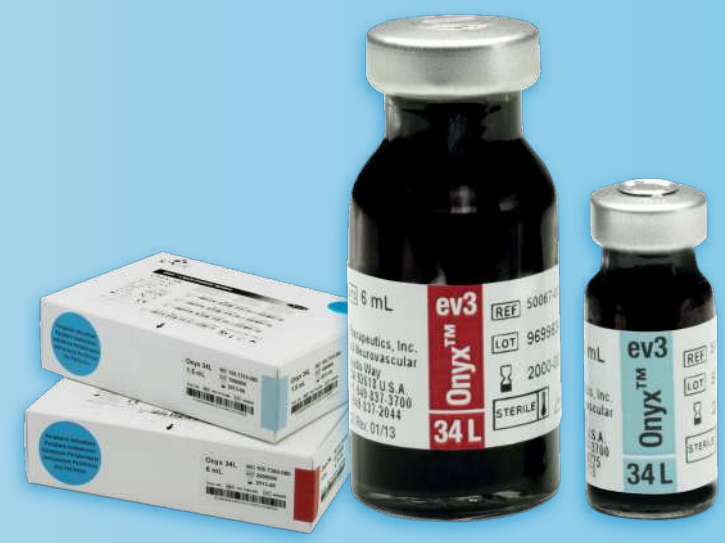
VENOUS

Onyx™ 34L

Liquid Embolic System

Onyx™ 34L Liquid Embolic System has less tantalum compared to the current version of Onyx™ Liquid Embolic System 34.

Clinical Benefit: Less streak artifacts on CT with a good visibility during injection. Available in 1.5 ml and 6 ml vials.



AORTIC

PERIPHERAL

VENOUS

Onyx™ 34L

Liquid Embolic System

ORDER INFORMATION

Product Catalogue Number	Onyx™ Formulation
105-7315-080	Onyx™ 34L kit 1.5 ml
105-7360-080	Onyx™ 34L kit 6.0 ml

INDICATIONS: Embolization of lesions in the peripheral vasculature, including endoleaks, arteriovenous malformations, portal veins, bleeding and tumors.

AORTIC

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VENOUS

Onyx™

Accessories

Vial mixer

It contains four spaces for preparation of Onyx™ 1.5 ml vial and two spaces for preparation of Onyx™ 6 ml vial simultaneously.

Syringe catheter interface adapter

This device is an Onyx™ Syringe Catheter Interface Adapter and DMSO compatible adapter used to provide an interface between a Covidien 1 ml syringe and the 1.5 F UltraFlow HPC / 1.5 F Marathon™ and Apollo™ microcatheter during an Onyx™ embolization.

1ml Luer-lock injection syringe

AORTIC

PERIPHERAL

VENOUS

Onyx™ Mixer

Vial Mixer

ORDER INFORMATION

Product Catalogue Number	Information
103-1205-002	240 V
103-1205-100	New mixer attachment

Onyx™

Syringe Catheter Interface Adapter

ORDER INFORMATION

Product Catalogue Number	Capacity (ml)	Syringes/ Box
103-1207	1	20

1ml Luer-Lock Injection Syringe

ORDER INFORMATION

Product Catalogue Number	Capacity (ml)	Syringes/ Box
103-1203	1	10

INDICATIONS: The Onyx™ Mixer facilitates proper suspension of the Onyx™ tantalum for better visualization prior to use.
The proximal end of the Onyx™ Syringe Catheter Interface Adapter incorporates a standard ISO, female luer design to facilitate connection to the syringe.
The distal end is designed specifically to fit the hub of the 1.5 F UltraFlow™ HPC / Marathon™ 1.5 F and Apollo™ microcatheter.

Concerto™ Helix/3D

Detachable Coil System

AORTIC

PERIPHERAL

VENOUS

The Concerto™ Detachable Coil System is a stretch-resistant, detachable coil that can be repositioned easily prior to detachment and uses enlaced microfilament technology called LatticeFX™.

Softness with smooth navigation

- Soft coils track easily through tortuous anatomy to access distal locations*
- Soft distal pusher reduces microcatheter kickback during deployment*

Reliable deployment

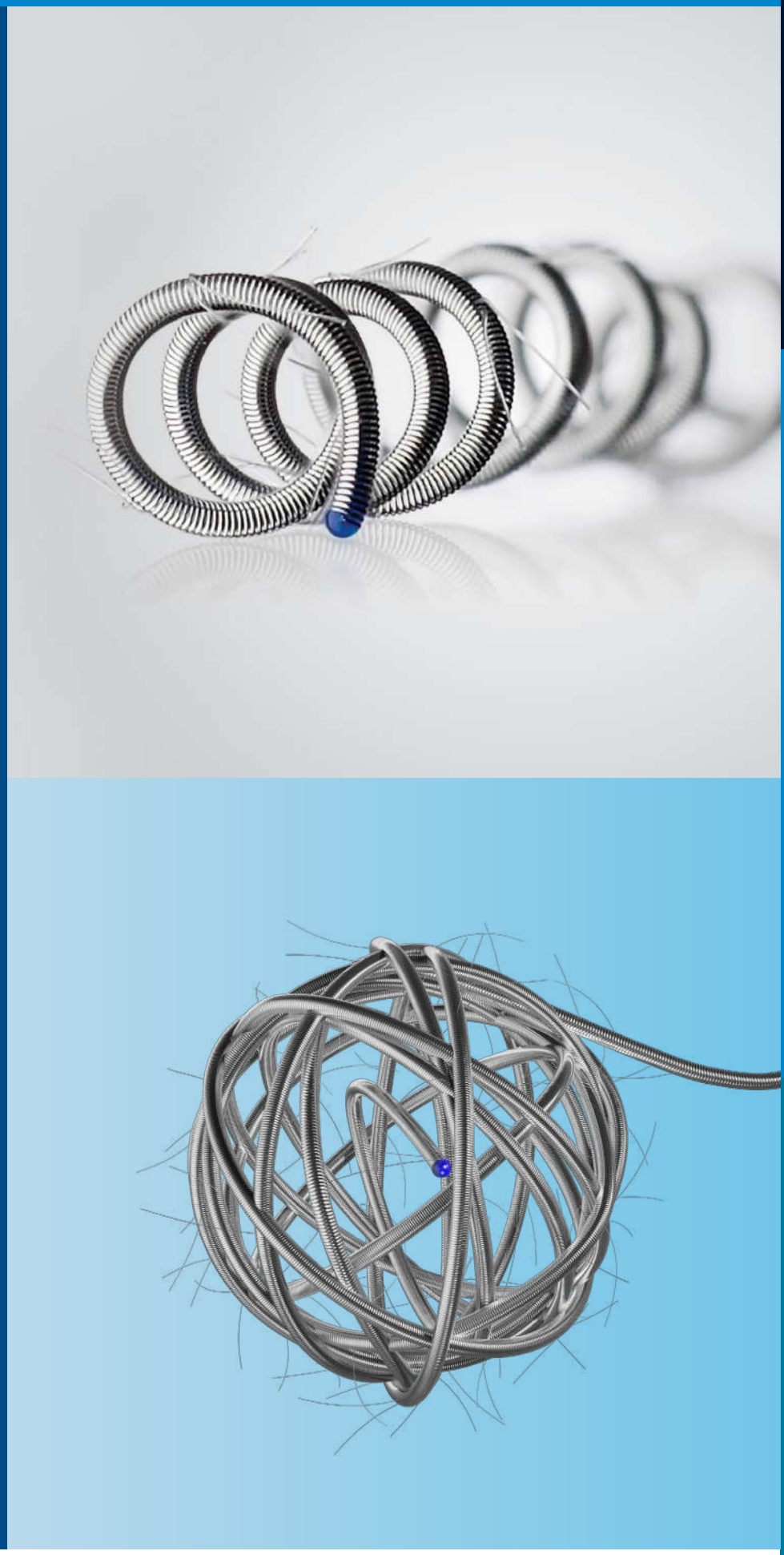
- Fully resheathable, after complete or partial deployment, and easily repositionable*
- Coil detaches instantaneously with proven reliability*

Optimal framing

- Conformable 3D shape with excellent stability*
- Designed to create a complex frame for filling*

Enhanced thrombogenicity

- Fibers increase thrombogenicity of the coil compared to bare metal equivalents†
- Nylon and PGLA fiber system features the unique LatticeFX™ technology which promotes thrombosis response†



*Internal data on file

Concerto™ Helix/3D

Detachable Coil System

ORDER INFORMATION

Product Catalogue Number (1 / box)	Description	Diameter (mm)	Length (cm)	Min. Microcatheter Inner Diameter (inch)
HELIX				
NV-2-4-Helix	Concerto™ Nylon Helical	2	4	0.0165
NV-2-6-Helix	Concerto™ Nylon Helical	2	6	0.0165
NV-2-8-Helix	Concerto™ Nylon Helical	2	8	0.0165
NV-3-4-Helix	Concerto™ Nylon Helical	3	4	0.0165
NV-3-8-Helix	Concerto™ Nylon Helical	3	8	0.0165
NV-4-8-Helix	Concerto™ Nylon Helical	4	8	0.0165
NV-4-10-Helix	Concerto™ Nylon Helical	4	10	0.0165
NV-5-15-Helix	Concerto™ Nylon Helical	5	15	0.021
NV-5-20-Helix	Concerto™ Nylon Helical	5	20	0.021
NV-6-20-Helix	Concerto™ Nylon Helical	6	20	0.021
NV-7-30-Helix	Concerto™ Nylon Helical	7	30	0.021
NV-8-30-Helix	Concerto™ Nylon Helical	8	30	0.021
NV-9-30-Helix	Concerto™ Nylon Helical	9	30	0.021
NV-10-30-Helix	Concerto™ Nylon Helical	10	30	0.021
PV-12-30-Helix	Concerto™ PGLA Helical	12	30	0.021
PV-14-30-Helix	Concerto™ PGLA Helical	14	30	0.021
PV-16-40-Helix	Concerto™ PGLA Helical	16	40	0.021
PV-18-40-Helix	Concerto™ PGLA Helical	18	40	0.021
PV-20-50-Helix	Concerto™ PGLA Helical	20	50	0.021
3D				
PV-2-2-3D	Concerto™ PGLA 3D	2	2	0.0165
PV-2-4-3D	Concerto™ PGLA 3D	2	4	0.0165
PV-2-6-3D	Concerto™ PGLA 3D	2	6	0.0165
PV-3-4-3D	Concerto™ PGLA 3D	3	4	0.0165
PV-3-6-3D	Concerto™ PGLA 3D	3	6	0.0165
PV-3-8-3D	Concerto™ PGLA 3D	3	8	0.0165
PV-4-8-3D	Concerto™ PGLA 3D	4	8	0.0165
PV-4-10-3D	Concerto™ PGLA 3D	4	10	0.0165
PV-4-12-3D	Concerto™ PGLA 3D	4	12	0.0165
PV-5-15-3D	Concerto™ PGLA 3D	5	15	0.0165
PV-6-20-3D	Concerto™ PGLA 3D	6	20	0.0165
PV-7-30-3D	Concerto™ PGLA 3D	7	30	0.0165
PV-8-30-3D	Concerto™ PGLA 3D	8	30	0.0165
PV-9-30-3D	Concerto™ PGLA 3D	9	30	0.0165
PV-10-30-3D	Concerto™ PGLA 3D	10	30	0.0165
PV-12-40-3D	Concerto™ PGLA 3D	12	40	0.021
PV-14-40-3D	Concerto™ PGLA 3D	14	40	0.021
PV-16-40-3D	Concerto™ PGLA 3D	16	40	0.021
PV-18-40-3D	Concerto™ PGLA 3D	18	40	0.021

I.D. Instant Detacher

Detacher for Concerto™ Detachable Coil System,
One detacher required per procedure.

Each box contains:
Five instant detachers.

AORTIC

PERIPHERAL

VENOUS

I.D. Instant Detacher

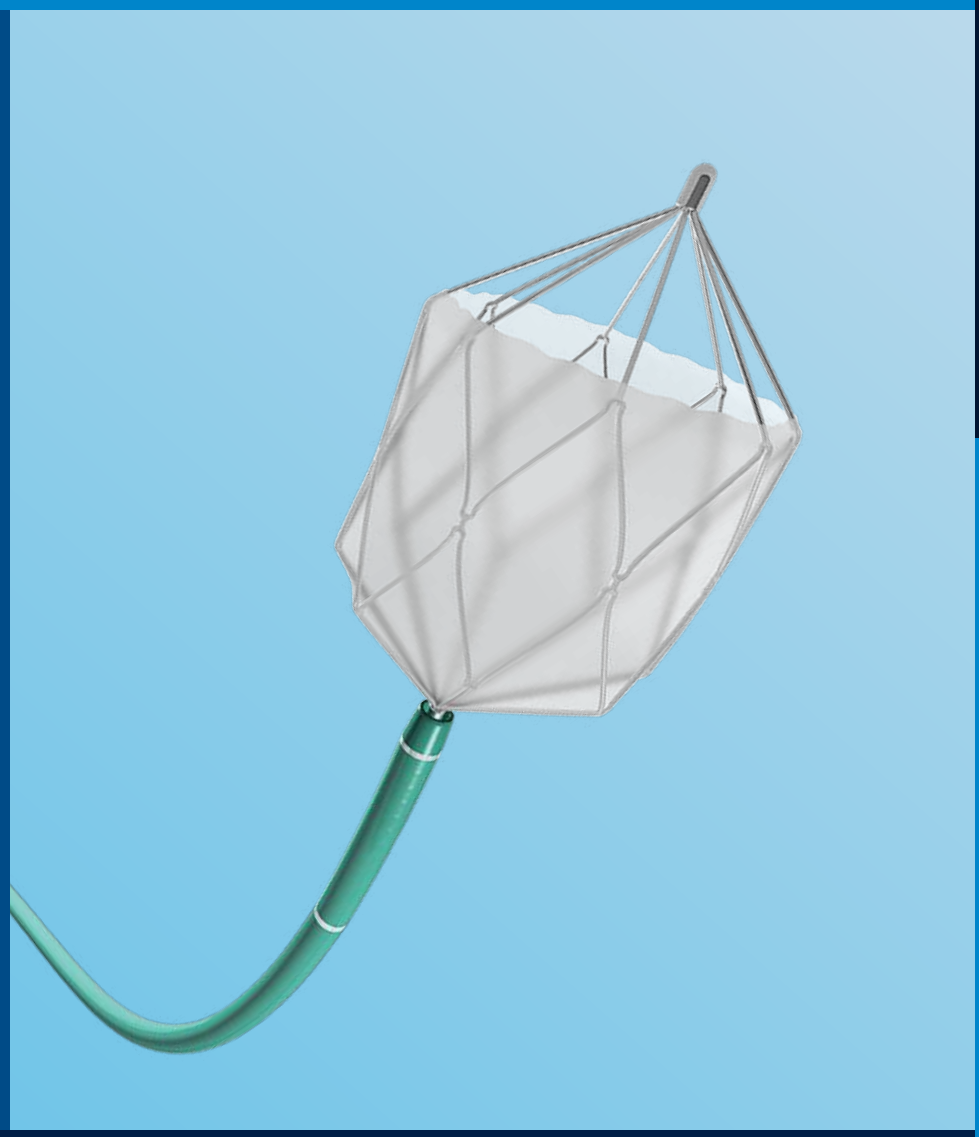
ORDER INFORMATION

Product Catalogue Number	Number/ Box
ID-1-5	5

MVP™

Microvascular Plug System

The MVP™ Microvascular Plug System is indicated to obstruct or reduce the rate of blood flow in the peripheral vasculature.



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PERIPHERAL

VENOUS

MVP™

Microvascular Plug System

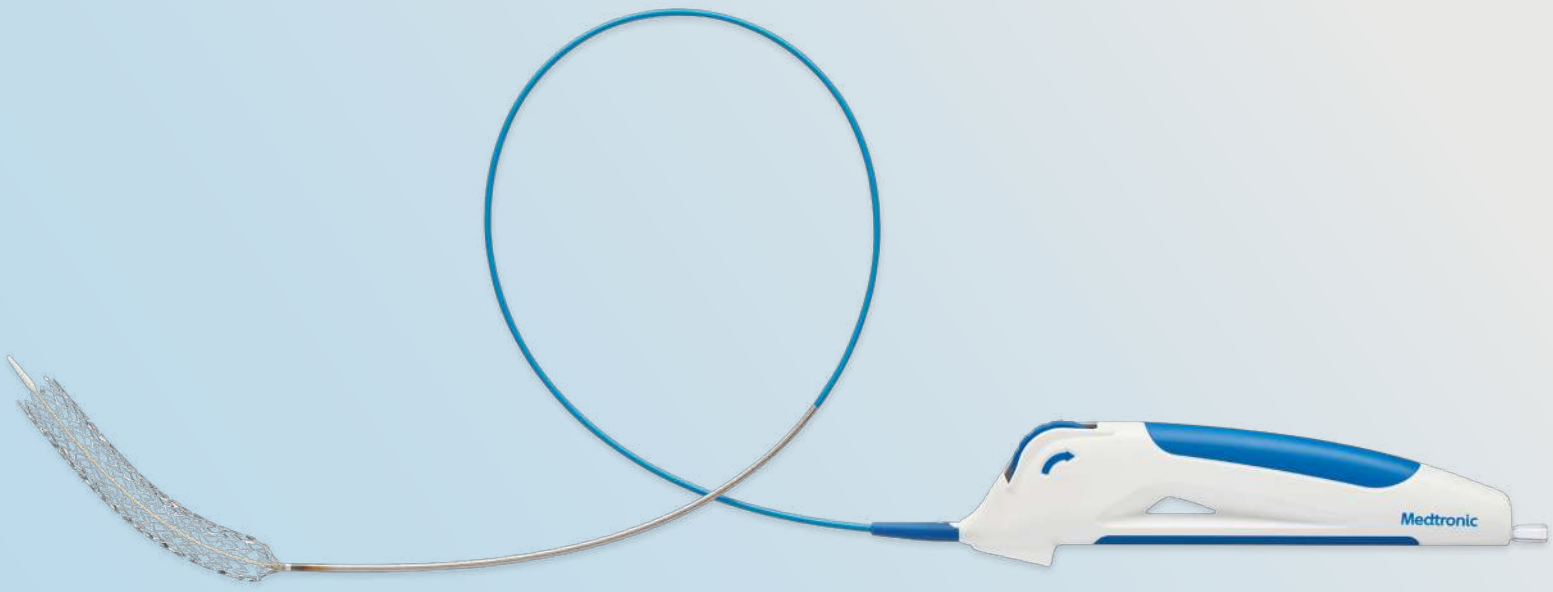
ORDER INFORMATION

Product Catalogue Number	Recommended Vessel Size	MVP™ Device Outer Diameter Unconstrained	MVP™ Device Length Unconstrained	Delivery Wire Length	Minimum Recommended Catheter Dimensions	Recommended Microcatheter
MVP-3Q	1.5 – 3.0 mm	5.3 mm	12 mm	180 cm	ID ≥ 0.021"	150 cm
MVP-5Q	3.0 – 5.0 mm	6.5 mm	12 mm	180 cm	ID ≥ 0.027"	150 cm
MVP-7Q	5.0 – 7.0 mm	9.2 mm	16 mm	165 cm	ID ≥ 0.035" **AND** OD ≥ 4F	120 cm
MVP-9Q	7.0 – 9.0 mm	13 mm	18 mm	165 cm	ID ≥ 0.038" **AND** OD ≥ 5F	120 cm

AORTIC PERIPHERAL VENOUS

VENOUS

ABRE™ VENOUS STENT



AORTIC

PERIPHERAL

VENOUS

Abre™

Venous Self-expanding Stent System

The stent made for the unique challenges of deep venous disease.

The Abre™ System size difference

- A full range of sizes specifically tailored for the iliofemoral venous profile
- A consistent 9 F delivery system across our full matrix for a simplified procedure
- Catheter length of 90 cm that supports all three primary access sites and can be used with a standard length guidewire

Abre™

Venous Self-expanding Stent System

ORDER INFORMATION

Product Catalogue Number	Stent Diameter (mm)	Stent Length (mm)	Catheter Length (cm)	Estimated Anatomic Vessel Diameter (mm)
AB9G10040090	10	40	90	7.5-9.5
AB9G10060090	10	60	90	7.5-9.5
AB9G10080090	10	80	90	7.5-9.5
AB9G10100090	10	100	90	7.5-9.5
AB9G10120090	10	120	90	7.5-9.5
AB9G10150090	10	150	90	7.5-9.5
AB9G12060090	12	60	90	9.5-11.5
AB9G12080090	12	80	90	9.5-11.5
AB9G12100090	12	100	90	9.5-11.5
AB9G12120090	12	120	90	9.5-11.5
AB9G12150090	12	150	90	9.5-11.5
AB9G14060090	14	60	90	11.5-13.5
AB9G14080090	14	80	90	11.5-13.5
AB9G14100090	14	100	90	11.5-13.5
AB9G14120090	14	120	90	11.5-13.5
AB9G14150090	14	150	90	11.5-13.5
AB9G16060090	16	60	90	13.5-15.5
AB9G16080090	16	80	90	13.5-15.5
AB9G16100090	16	100	90	13.5-15.5
AB9G16120090	16	120	90	13.5-15.5
AB9G16150090	16	150	90	13.5-15.5
AB9G18060090	18	60	90	15.5-17.5
AB9G18080090	18	80	90	15.5-17.5
AB9G18100090	18	100	90	15.5-17.5
AB9G18120090	18	120	90	15.5-17.5
AB9G18150090	18	150	90	15.5-17.5
AB9G20060090	20	60	90	17.5-19.0
AB9G20080090	20	80	90	17.5-19.0
AB9G20100090	20	100	90	17.5-19.0
AB9G20120090	20	120	90	17.5-19.0
AB9G20150090	20	150	90	17.5-19.0

CLOSUREFAST™ PROCEDURE

AORTIC

PERIPHERAL

VENOUS

ClosureFast™

Endovenous Radiofrequency Ablation (RFA) Catheter

The ClosureFast™ Catheter uses radiofrequency energy to precisely and effectively treat patients suffering from chronic venous insufficiency (CVI).

AORTIC

PERIPHERAL

VENOUS

ClosureFast™

Endovenous Radiofrequency Ablation (RFA) Catheter

ORDER INFORMATION

Product Catalogue Number	Product Names	Working Length (cm)	Heating Element Length (cm)	Compatible Guidewire
CF7-7-60	7 F ClosureFast™ catheter	60	7	0.025″
CF7-7-100	7 F ClosureFast™ catheter	100	7	0.025″
CF7-3-60	7 F ClosureFast™ 3 cm catheter*	60	3	0.025″

*ClosureRFG™ software version 4.4.0 or higher is required.

ClosureRFS™

Endovenous Radiofrequency Stylet for Ablation of Perforators

The ClosureRFS™ Stylet is the only endovenous radiofrequency ablation device indicated for the treatment of incompetent perforator veins for patients suffering from chronic venous insufficiency (CVI).

AORTIC

PERIPHERAL

VENOUS

ClosureRFS™

Endovenous Radiofrequency Stylet for Ablation of Perforators

ORDER INFORMATION

Product Catalogue Number	Product Names	French Size (F)	Working Length (cm)	Compatible Guidewire
RFS2-6-12	ClosureRFS™ stylet	6	12	0.035"

ClosureRFG™

Radiofrequency Generator

The ClosureRFG™ Generator delivers radiofrequency energy to the ClosureFast™ Catheter and ClosureRFS™ Stylet with real time monitoring, automatic delivery adjustments and alarms to continuously meet the preset paraments for safe and effective treatment of Chronic Venous Insufficiency (CVI).

AORTIC

PERIPHERAL

VENOUS

ClosureRFG™

Radiofrequency Generator

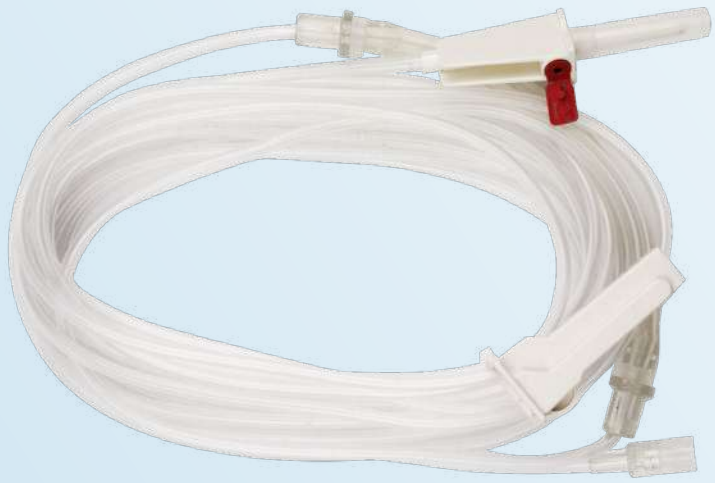
ORDER INFORMATION

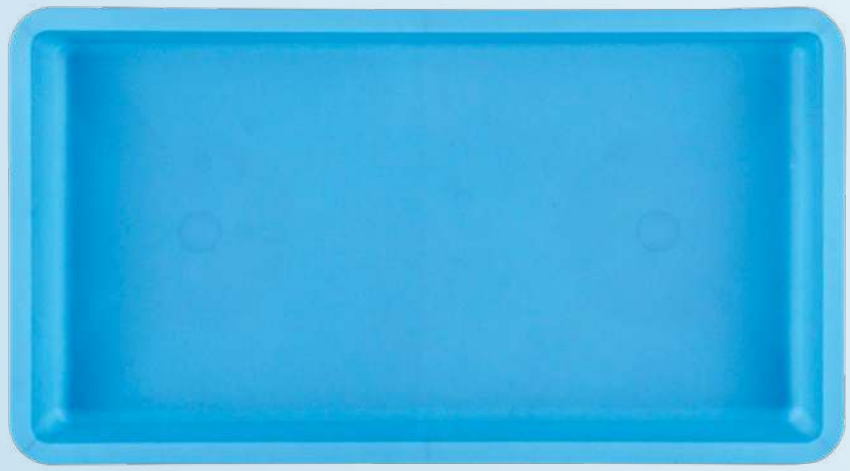
Product Catalogue Number*	Coaxial Dilator	Voltage
RFG3	ClosureRFG™ Radiofrequency Generator	Universal (100-240 V)

Product Catalogue Number	Product Name
RM55-079-01	EU power cord for ClosureRFG™ Radiofrequency Generator
RM55-081-01	UK power cord for ClosureRFG™ Radiofrequency Generator

*Contact your local Medtronic representative to verify which generator version is approved for use in your country.

PROCEDURE ACCESSORIES





EU-CLF-KITAC-TP
ClosureFast™ Procedure Pack with tumescent tubing

Procedure Packs

Procedure packs provide the accessory materials for the ClosureFast™ and / or ClosureRFS™ procedures while standardising procedure preparation and inventory management.

EU-CPP-7F
ClosureFast™ Procedure Pack w/out tumescent tubing

Procedure Packs

ClosureFast™ and ClosureRFS™ Stylet Procedure Accessories

ORDER INFORMATION

Product Catalogue Number	Product Names
EU-CLF-KITAC-TP	ClosureFast™ Procedure Pack with tumescent tubing
EU-CPP-7F	ClosureFast™ Procedure Pack without tumescent tubing
EU-CLF-USC	EndoVenous Procedure Pack Ultrasound Probe cover

EU-CLF-KITAC-TP
ClosureFast™ Procedure Pack with tumescent tubing

EU-CLF-USC
endoVenous Procedure Pack Ultrasound Probe cover

ClosureFast™ Catheter and ClosureRFS™ Stylet not included in the procedure packs.

EU-CPP-7F
ClosureFast™ Procedure Pack w/out tumescent tubing

Tumescent

Infiltration Pump

Tumescent infiltration technique can be delivered with less effort, faster and with higher patient comfort via a Tumescent Pump and infiltration kit.

AORTIC

PERIPHERAL

VENOUS

Tumescent

Infiltration Pump

ORDER INFORMATION

Product Catalogue Number	Product Names
4187	Tumescent Pump w/foot pedal
1501COV	Foot Pedal for tumescent pump

Product Catalogue Number	Product Name	Quantity
6022COV	Tumescent tubing set	10 units (package)

Product Catalogue Number	Product Name	Quantity
4180	DP30 Pump w/o pedal	1

Ultrasound

Probe Cover

The Ultrasound probe cover ensures probe sterility while facilitating probe handling.

AORTIC

PERIPHERAL

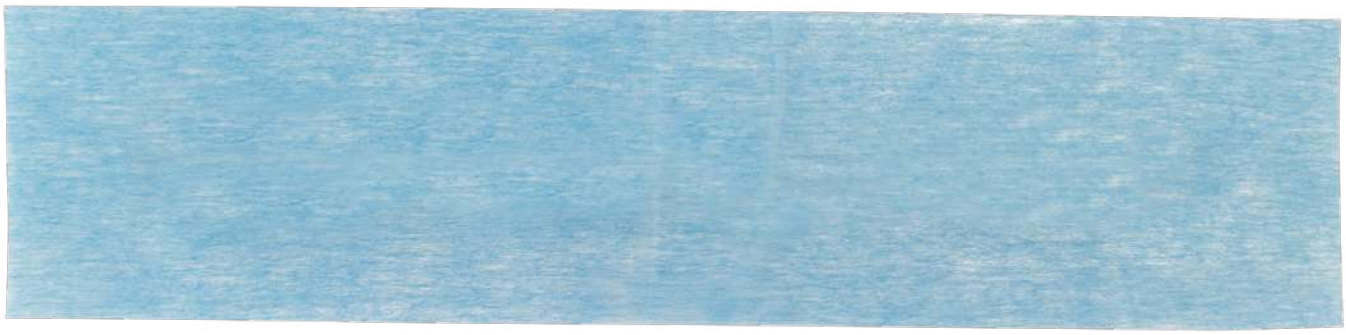
VENOUS

Ultrasound

Probe Cover

ORDER INFORMATION

Product Catalogue Number	Product Name	Quantity
EU-CLF-USC	Ultrasound probe cover	10 units (package)



EU-CLF-USC
Ultrasound Probe cover

AORTIC

PERIPHERAL

VENOUS

VENASEAL™ PROCEDURE

VenaSeal™

Closure System

The VenaSeal™ Closure System is a non-thermal, non-tumescent, non-sclerosant procedure that uses a proprietary medical adhesive to treat symptomatic venous reflux.

AORTIC

PERIPHERAL

VENOUS

VenaSeal™

Closure System

ORDER INFORMATION

Product Catalogue Number	Product Name	Quantity
SP-101	VenaSeal™ Closure System	5 units (package)

Medtronic

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medtronic.eu