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-------------------------------------------------------------------:
ORDIN DE PLATA NR.: 97                              TIP.DOC. 1 :
                          DATA EMITERII:30 decembrie 2021 :
===================================================================:
PLATITI: 6000-00        LEI: Sase Mii lei 00 bani            :
                                                            :
                                                            :
                                                            :
===================================================================:
PLATITOR:  (R) S.C. "OXIVI    CONTUL DE PLATI/CODUL IBAN    :
T-MED" S.R.L.                 MD44ML000000002251729503      :
                             CODUL FISCAL :1007600044280  /  :
                                                            :
                                                            :
===================================================================:
PRESTATORUL PLATITOR                            CODUL BANCII:
BC"Moldindconbank"S.A. fil."Invest" Chisinau      :MOLDMD2X329:
===================================================================:
BENEFICIAR (R)IMSP Spitalu    CONTUL DE PLATI/CODUL IBAN    :
l Clinic Republican "Timofei  MD32ML000000002251502448      :
Mosnea                       CODUL FISCAL :1003600150783 /   :
                                                            :
                                                            :
===================================================================:
PRESTATORUL BENEFICIAR                          CODUL BANCII:
BC"Moldindconbank"S.A.                            :MOLDMD2X   :
===================================================================:
DESTINATIA PLATII:Pentru garantia pentru:   TIPUL TRANSFERULUI :
 oferta la procedura de achizi?ie public:   NORMAL/URGENT  :N:
a nr. ocds-b3wdp1-MD-1637761078234 din 0:                    :
1.01.2022                               :                    :
                                        :                    :
                                        :           L.S.     :
==========================================:  _____      :
              CODUL TRANZACTIEI:001:  _____     :
       DATA PRIMIRII:30/12/2021     : SEMNATURILE       :
       DATA EXECUTARII:             : EMITENTULUI       :
                                    :-----------------------:
CONDUCATOR:Web Kojevnikov Dmitrii                          :
MIIGfAYJKoZIhvcNAQcCoIIGbTCCBmkCAQExCzAJBgUrDgMCGgUAMAsGCSqGSIb3:
DQEHAaCCBIUwggSBMIIDaaADAgECAhNHAACEjCA/4xcrKCbfAAAAAISMMA0GCSqG:
SIb3DQEBCwUAMCIxIDAeBgNVBAMTF0NFUlQxLUNBBU1vbGRpbmRjb25iYW5rMB4X:
DTIwMDMxNjA4NDUwM1oXDTIzMDMxNjA4NTUwM1owgbgxCzAJBgNVBAYTAk1EMRow:
YDVQQIExFSZXB1YmxpY2EgTW9sZG92YTERMA8GA1UEBxMIQ2hpc2luYXUxFzAV   :
_____:
                     (semnatura electronica)              :
CONTABIL-SEF:Web Kojevnikov Dmitrii                         :
MIIGfAYJKoZIhvcNAQcCoIIGbTCCBmkCAQExCzAJBgUrDgMCGgUAMAsGCSqGSIb3:
DQEHAaCCBIUwggSBMIIDaaADAgECAhNHAACEjCA/4xcrKCbfAAAAAISMMA0GCSqG:
SIb3DQEBCwUAMCIxIDAeBgNVBAMTF0NFUlQxLUNBBU1vbGRpbmRjb25iYW5rMB4X:
DTIwMDMxNjA4NDUwM1oXDTIzMDMxNjA4NTUwM1owgbgxCzAJBgNVBAYTAk1EMRow:
YDVQQIExFSZXB1YmxpY2EgTW9sZG92YTERMA8GA1UEBxMIQ2hpc2luYXUxFzAV   :
_____:
L.S.                     (semnatura electronica)          :
CONDUCATOR:            _____     :
                         (semnatura manuala)              :
CONTABIL-SEF:          _____     :
_____        (semnatura manuala)              :
SEMNATURA PRESTATORUL     L.S.                             :
                                    :-----------------------:
MOTIVUL REFUZULUI                   :          L.S.         :
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MOBIAS BANCA

Nr. *12/01- 504*

18 23. 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.S.

_____

Dumitru Popa
Director filială „Stejaur"

Executor : Mariana Guzun
Tel: 022 812 614

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

Funcţia, numele, prenumele persoanei
care a eliberat certificatul

semnătura

MD   0067985

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   Lazari Aliona
tel. 022-207-840

Lista fondatorilor companiei SRL „Oxivit-Med"

Nr.	Numele, Prenumele	Codul Personal
1	Kojevnikov Dmitrii	0972305012362

bsi.

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**

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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	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**

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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	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**

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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

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**

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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

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**

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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

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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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

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.

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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
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.

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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
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.

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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
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.

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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
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.

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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 1144 Rev. 02

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

Product Category(ies): **External pacemakers, diagnostic and ablation catheter, transseptal needles**

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.: 713159141

Valid from: 2020-03-03
Valid until: 2024-05-26

Date, 2020-02-28

Christoph Dicks
Head of Certification/Notified Body

ZLG-BS-244.10.08

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

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 1263 Rev. 00

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

Product Category(ies):
- **Autotransfusion Systems and Associated Disposables**
- **Centrifugal Blood Pumps**
- **Bio-Console Drive Units**
- **Flow Monitoring Systems**
- **Bio-Cal Blood Temperature Controller**
- **Temperature Monitoring Systems and Associated Disposables**
- **Blood Monitoring Systems**
- **Cardioplegia Delivery Systems**
- **Disposable Blood Handling Devices used for Open Heart Surgery**
- **Arterial Filters**
- **Oxygenators including Heat Exchangers, with and without Cardiotomy Reservoirs**
- **Cardiotomy Venous Reservoirs**
- **Venous Reservoir Bags**
- **Perfusion Equipment and Disposable Perfusion Devices**
- **Disposable Medical Devices for Drainage Systems**
- **Disposable Medical Devices for use in Cardiopulmonary Surgery: Cardioplegia, Cannulae, Venting, Suction**
- **Pressure Display System & related accessories of class IIa**
- **Tissue Positioning/Stabilizing Devices**
- **Surgical Site Clearing Devices**
- **Intravascular Shunts**
- **Surgical Retractors**

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

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 1263 Rev. 00

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.:   72150396

Valid from: 2020-02-12
Valid until: 2024-05-26

Date,   2020-02-12

Christoph Dicks
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

ZLG-BS-244.10.08

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www.zlg.de

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 1263 Rev. 00

Facility(ies):

Medtronic Mexico S.de R.L.de CV
Av. Paseo Cucapah, 10510 El Lago, C.P. 22210 Tijuana, Baja
California, MEXICO

Medtronic Perfusion Systems
7611 Northland Drive, Minneapolis, MN 55428, USA

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

.

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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 1279 Rev. 00

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

Product Category(ies): **Tissue Heart Valves,**
Annuloplasty Rings and Bands
and related Accessories for
Surgical Implants, and Temporary Pacing
Lead Systems

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.:	72150078

Valid from:	2019-11-15
Valid until:	2024-05-26

Date, 2019-11-15

Christoph Dicks
Head of Certification/Notified Body

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 1279 Rev. 00

Facility(ies):

Medtronic Mexico S.de R.L.de CV
Av. Paseo Cucapah, 10510 El Lago, C.P. 22210 Tijuana, Baja
California, MEXICO

Medtronic Heart Valves Division
1941 Blair Avenue, Santa Ana CA 92705, USA

Medtronic Heart Valves Division
1851 E. Deere Avenue, Santa Ana, CA 92705, USA

Medtronic Fabrication S.A.S. Zone Industrielle SUD
Route D'Anor, 59610 Fourmies, FRANCE

.

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

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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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Page 1 of 7

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**

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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	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**

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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**

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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**

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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**

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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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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.

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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
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.

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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
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.

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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
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.

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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
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.

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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

A4 I 07.17

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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

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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 1279 Rev. 00

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

Product Category(ies):	**Tissue Heart Valves,**
	Annuloplasty Rings and Bands
	and related Accessories for
	Surgical Implants, and Temporary Pacing
	Lead Systems

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.:	72150078

Valid from:	2019-11-15
Valid until:	2024-05-26

Date,	2019-11-15

Christoph Dicks
Head of Certification/Notified Body

ZLG-BS-244.10.08

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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 1279 Rev. 00

Facility(ies):

Medtronic Mexico S.de R.L.de CV
Av. Paseo Cucapah, 10510 El Lago, C.P. 22210 Tijuana, Baja
California, MEXICO

Medtronic Heart Valves Division
1941 Blair Avenue, Santa Ana CA 92705, USA

Medtronic Heart Valves Division
1851 E. Deere Avenue, Santa Ana, CA 92705, USA

Medtronic Fabrication S.A.S. Zone Industrielle SUD
Route D'Anor, 59610 Fourmies, FRANCE

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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 077608 0079 Rev. 00

Manufacturer: **Covidien llc**
15 Hampshire Street
Mansfield, MA 02048
USA

Product Category(ies): Medical Instruments, Surgical Products
and Hemostatic Materials:
• Surgical Suture Products, Pledgets and Retention Tapes
• Endoscopy Instruments and
  Accessories including Lubricant
• Surgical Staple, Clip Products and Accessories
• Manual Surgical Instruments
• Implantable Wound Dressing Materials
• Ultrasonic Surgical Devices and Accessories
• Suction / Irrigation Devices and Accessories
• Arthroscopy Implants, Instruments and Accessories
• Bone Wax
• Temporary Cardiac Pacing Lead
• Powered Stapling Systems

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.: 713164286

Valid from: 2019-09-13
Valid until: 2024-05-26

Date, 2019-09-13

Stefan Preiß
Head of Certification/Notified Body

Page 1 of 2
TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123

A4 / 07.17

ZLG-BS-244.10.08

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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 077608 0079 Rev. 00

Facility(ies):   **Covidien llc**
15 Hampshire Street,
Mansfield, MA 02048, USA

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TÜV®

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

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 077790 0060 Rev. 00

Manufacturer:　　**Covidien LLC**
15 Hampshire Street
Mansfield MA 02048
USA

Product Category(ies):　**Oximetry and Capnography Monitor Systems Temperature Monitor Systems, Patient Warming Device Systems, Disposable Airway Management Devices, Tracheal Tubes, Tracheostomy Tubes, Speaking Valves, and Intubating Stylets, Ventilator Systems and Patient Interface Circuit Systems, EEG Monitoring Systems, Breathing Therapy and Humidification, Heated Inspiratory Line Humidifiers, Multi-patient Physiologic Monitoring System and Data Analytics Software, Gastrointestinal Measurement and Dilation System, Electrosurgical Diathermy System Electrode.**

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.:　　　　72145607

Valid from:　　　　2020-06-29
Valid until:　　　　2024-05-26

Date,　　　　2020-06-29

Christoph Dicks
Head of Certification/Notified Body

ENERGY
PRODUCT
CATALOGUE

**Valleylab™ Energy
stands for confidence**

Medtronic
Further, Together

CONTENTS

The Medtronic Energy division, a world leader in radiofrequency (RF) energy-based systems, is committed to providing you with a complete line of products that contribute to the safest possible surgical environment.

We manufacture a full range of RF energy products – electrosurgical and tissue fusion generators, pencils, patient return electrodes and an entire line of accessories. Our fully integrated systems set the industry standard in patient care and purchasing efficiency.

Abbreviation legend

ASP = Aspiration holes

B = Safety Sleeve™

DA = Needle electrode

DB = 15 ft cord

FR = French

H = Holster

R = Retractable

S = Smoke attachment

Generators

VLFT10GEN   1 EACH

Valleylab™ FT10 Energy Platform

The Valleylab™ FT10 energy platform not only drives our full portfolio of energy-based devices, it makes them better than ever. The Valleylab™ FT10 energy platform delivers precise amounts of energy.

- Improved and enhanced LigaSure™ vessel sealing performance[*]
- TissueFect™ tissue sensing technology has improved on the Valleylab™ FT10 energy platform with closed-loop control at 434,000 data points per second, which is over a 100x more than the ForceTriad™ energy platform.[5] This creates a more consistent tissue effect
- Automatic instrument recognition
- Utilizes most current and all new LigaSure™ instruments
- Single, simplified touch screen
- Exclusive Valleylab™ exchange software update system
- Unique Valleylab™ mode
- Adaptive REM™ system
- Automatic power settings require minimal setup and minimize need for further handling during surgery
- Bipolar cable compensation reads cable length and width
  for consistent electrosurgical output
- Autobipolar capability
- Soft coag settings
- Weight (kg): 10,1
  Width (cm): 36,8
  Height (cm): 17,8
  Depth (cm): 46,2

  As compared to the ForceTriad™ energy platform

VLFX8GEN   1 EACH

Valleylab™ FX8 Energy Platform

The newest addition to Valleylab™ energy is made to enhance the performance of your electrosurgical handpieces.[1,2,†] The Valleylab™ FX8 energy platform is driven by our intelligent tissue-sensing technology. As you use your energy-powered tools, it reads tissue composition to monitor and adjust to impedance.[3,4]

- TissueFect™ sensing technology monitors changes in tissue impedance 434,000 times a second
- Automatic instrument recognition
- Single, simplified touch screen
- Exclusive Valleylab™ exchange software update system
- Unique Valleylab™ mode
- Adaptive REM™ system
- Automatic power settings require minimal setup and minimize need for further handling during surgery
- Bipolar cable compensation reads cable length and width for consistent electrosurgical output
- Autobipolar capability
- Soft coag settings
- Weight (kg): 8,8
  Width (cm): 33,5
  Height (cm): 14,6
  Depth (cm): 43,6

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†   Compared to the ForceTriad™ energy platform

1.   Based on internal test report #RE00005401, Product validation of Valleylab™ FT10 energy platform surgeon and nurse evaluation in simulated use: 32 surgeons interviewed. January 27 to 30, 2015 and Feb. 24 to 27, 2015.

2.   Based on internal report #RE00105221, Comparison testing of the Valleylab™ FT10 and ForceTriad™ generators. The Valleylab™ FT10 energy platform has identical power curves and equivalent power delivery for shared modes to the Valleylab™ FX8 energy platform. July 2017.

3.   Valleylab™ FX8 energy platform part #PT00053621 [user guide]. Boulder, CO: Medtronic. June 2017.

4.   Based on report #RE00034263 Rev F, Product requirements document for project Kirin. July 2017.

5.   Based on the Valleylab™ FT10 Service Manual: part number 1079477, REV 01/2015.

VLLS10GEN	1 EACH

Valleylab™ LS10 Vessel Sealing Generator

A simple, portable, 'plug and play' generator, designed to give you control, confidence and consistency in the OR.

- Single power on/off button
- Single instrument plug in port, compatible with all LigaSure™ devices
- Weighs only 5,5 kg for ease of transportation
- Automatic instrument recognition
- Seals vessels up to and including 7 mm in size, lymphatics and tissue bundles when used with a proper LigaSure™ instrument
- Produces minimal sticking, charring and thermal spread to adjacent tissue when used with a proper LigaSure™ instrument

- 95% certainty that the seals will withstand minimum 3x normal systolic blood pressure when used with a LigaSure™ instrument
- RFID (radio frequency identification) technology for automatic software upgrades[2]
- Depth (cm): 46,2
- Improved and enhanced LigaSure™ vessel sealing performance[*]
- TissueFect™ sensing technology monitors changes in tissue impedance 434,000 times a second

As compared to the ForceTriad™ energy platform

TissueFect™ Tissue Sensing Technology

The smart TissueFect™ tissue sensing technology in our Valleylab™ LS10 Generator and FT10 energy platform improves the speed and maintains consistency of hand-held devices by reading tissue composition in real time. So you can move through procedures more efficiently, for a better experience.

In the case of the Valleylab™ FT10 and FX8 energy platforms, TissueFect™ technology examines device performance 434,000 times per second, monitoring tissue impedance and allowing effective and efficient energy delivery.This technology is only available on Valleylab™ generators and drives all electrosurgical and advanced bipolar functions.

Valleylab™ Exchange Software Update System

The Valleylab™ exchange software update system enables you to perform a first-time setup or update software on Medtronic energy-based devices. This ensures that your surgeons and staff have access to the latest performance features as new features and energy delivery profiles become available for your electrosurgical generator. The Valleylab™ exchange software update system is available for the ForceTriad™, Valleylab™ FT10 and FX8 energy platforms, and the Valleylab™ LS10 generator.

Valleylab™ Mode

Valleylab™ mode provides a unique combination of monopolar hemostasis and dissection.

Power Efficiency Rating (PER)

Measure of the ability of an electrosurgical generator to accurately deliver the selected power into a wide range of impedances.

Adaptive REM™ System

Adaptive REM™ combines the feedback circuitry of hardware monitoring with an advanced software-controlled adaptation feature. The adaptive system still maintains the 5-135 ohms limits, but also creates a window of acceptable impedances based on contact conditions of the individual patient.

Software Applications for ForceTriad™ Energy Platform

Bipolar Resection

The Bipolar Resection Activation Kit enables activation of the bipolar-resection application on a single ForceTriad™ energy platform with software version 3.30 or greater.

The application is intented for use in the following procedures in a saline environment: Transurethral Resection of the Prostate (TURP), Transurethral Resection of the Bladder (TURB) and hysteroscopic resection.

FTBRKIT	1 EACH

Bipolar Resection Activation Kit for the ForceTriad™ Energy Platform

- Telephone and email contact information for EbD Technical support – to be contacted for activation of this Software application
- RS232 Cable for connecting the ForceTriad™ energy platform to the biomed PC (for Valleylab™ exchange)
- License Key Code to be provided to tech support
- CD-Rom with user guides
- Three labels to be applied to the ForceTriad™ energy platform after activation of the software application

FT6009	1 EACH

Bipolar Resection Footswitch

- Activates the bipolar resection – resection in Saline
- 4,6 m cord
- To be used with the ForceTriad™ energy platform

FT0021S	1 EACH

Storz™* Bipolar Resection Cord

- To be used with Storz™* bipolar resectoscopes
- To be used with the ForceTriad™ energy platform
- Reusable
- 4,6 m cord

FT0022W	1 EACH

Wolf Bipolar Resection Cord

- To be used with Wolf bipolar resectoscopes
- To be used with the ForceTriad™ energy platform
- Reusable
- 4,6 m cord

Software Applications for ForceTriad™ Energy Platform

STORZBRSET	1 EACH

Starter Kit for use with Storz™* Resectoscopes

Contains:

- FTBRKIT Activation Kit Bipolar Resection 1 each
- FT6009 Bipolar Resection Footswitch 1 each
- FT0021S Bipolar Resection Cord Storz™ 1 each

WOLFBRSET	1 EACH

Starter Kit for use with Wolf Resectoscopes

Contains:

- FTBRKIT Activation Kit Bipolar Resection 1 each
- FT6009 Bipolar Resection Footswitch 1 each
- FT0022W Bipolar Resection Cord Wolf 1 each
- Remote access panel assembly (panel with 2 screws)

The Remote Control Application

The Remote Control Application is add-on software that enables communication between a ForceTriad™ energy platform and a third-party remote-control system.

Once the application has been activated, an energy platform can be integrated into a system of multiple hardware components operated from a central location.

Remote-control systems are used in integrated operating rooms to control medical devices and various audio, video, and communication devices from a central communication console.

This application needs Software Version 3.4 or higher.

FTRCKIT	1 EACH

Activation Kit Remote Control for the ForceTriad™ Energy Platform

- CD with the User's Guide Supplement - remote control application
- License Key (provided on the inner box label and internal packaging)
- RS-232 cable
- Remote access panel assembly (panel with 2 screws)

Hardware Accessories
Footswitches

FT6003	1 EACH

ForceTriad™ Energy Platform Three-Pedal Footswitch

Compatible with ForceTriad™ energy platform only

- Enables foot activation of Cut, Valleylab™ mode and Coag
- Activate Valleylab™ mode and Force TriVerse™ electrosurgical device
- Enables foot activation of Cut and Coag on standard electrosurgical pencils
- 4,6 m (15 ft) cord

FT6009	1 EACH

Bipolar Resection Footswitch

Compatible with the Valleylab™ FT10 and ForceTriad™ Energy platforms

- Activates the bipolar resection – resection in saline
- 4,6 m (15 ft) cord

E6008B	1 EACH

Monopolar Footswitch

Compatible with SurgiStat™ II, Valleylab™ FT10 and all Force™ Series generators
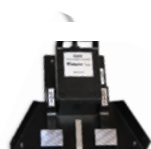
- 4,6 m (15 ft) cord

E6008	1 EACH

Monopolar Footswitch

Compatible with SurgiStat™ II, Valleylab™ FT10 and all Force™ Series generators

- 4,6 m (15 ft) cord

All footswitches are water resistant

E6009	1 EACH

Standard Bipolar Footswitch

Compatible with Valleylab™ FT10 and FX8 energy platforms and all Force™ Series generators

- 4,6 m (15 ft) cord

LS0300 (PURPLE)	1 EACH

LigaSure™ Single Pedal Footswitch

- 4,6 m (15 ft) cord

LF0500 (ORANGE)	1 EACH

LigaSure™ Single Pedal Footswitch

Compatible with ForceTriad™ energy platform only

- 4,6 m (15 ft) cord

E6019	1 EACH

Dome Bipolar Footswitch

Compatible with Valleylab™ and FT10 and all Force™ Series generators

- 4,6 m (15 ft) cord

E6009B	1 EACH

Standard Bipolar Footswitch (version B)

Compatible with Valleylab™ FT10 and all Force™ Series generators

- 4,6 m (15 ft) cord

Hardware Accessories
Carts and Stand

VLFTCRT	1 EACH

Valleylab™ FT10 Cart

The Valleylab™ FT10 cart is compatible with the Valleylab™ FT10 and FX8 energy platforms and the LS10 generator

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

Hardware Accessories
Carts and Accessories

UC8009   1 EACH

Universal Mounting Cart

- Rust resistant
- Conductive casters (2 locking, 2 non-locking)
- Supplied with cord management kit

UC8010   1 EACH

Universal Mounting Cart Overshelf

Compatible with UC8009 universal cart

Ideal for a second electrosurgical generator, LigaSure™ vessel sealing system, RapidVac™ smoke evacuation system or Force Argon II™ system

- Supports 75 lbs centered on shelf
- Supplied with cord management kit

UC8012   1 EACH

Universal Mounting Cart Drawer

Compatible with UC8009 universal cart

Not compatible with UC8013 suspended shelf

Ideal for storing user's manual or extra supplies
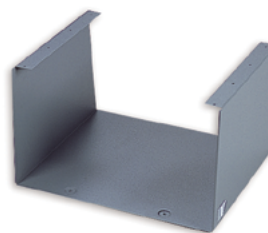
UC8013   1 EACH

Universal Mounting Cart Suspended Shelf

Compatible with UC8009 universal cart

Not compatible with UC8012 drawer

Ideal for the RapidVac™ or OptiMumm™ smoke evacuation system or other smoke evacuation systems

- Supports 75 lbs

UC8011   1 EACH

Universal Mounting Cart Cord Management Kit

Compatible with UC8009 universal cart

- Two brackets

UC8015   1 EACH

Universal Mounting Cart Argon Gas Tank Kit

Compatible with UC8009 universal cart

- Holds 2 G-size 42 cubic ft tankss

LigaSure™ Tissue Fusion Instruments, Sterile, Single Use

LF1823	6 UNITS/CASE

LigaSure™ Blunt Tip Open Sealer/Divider 5 mm, nano-coated – 23 cm

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 23 cm (9 in.) length
- 180 degree shaft rotation
- Blunt jaw, double-action with contoured tips design
- Textured jaw with ceramic stops
- Hand switching or foot switching

LF1923	6 UNITS/CASE

LigaSure™ Maryland Jaw Open Sealer/Divider 5 mm, nano-coated – 23 cm

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 23 cm (9 in.) length
- 350 degree shaft rotation
- Maryland jaws, single-action with contoured tips design
- Textured jaw with ceramic stops
- One step sealing & foot switching

LF1837	6 UNITS/CASE

LigaSure™ Blunt Tip Laparoscopic Sealer/Divider 5 mm, nano-coated – 37 cm

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 37 cm (14,6 in.) length
- 180 degree shaft rotation
- Blunt jaw, double-action with contoured tips design
- Textured jaw with ceramic stops
- Hand switching or foot switching

LF1937	6 UNITS/CASE

LigaSure™ Maryland Jaw Laparoscopic Sealer/Divider 5 mm, nano-coated – 37 cm

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 37 cm (14,6 in.) length
- 350 degree shaft rotation
- Maryland jaws, single-action with contoured tips design
- Textured jaw with ceramic stops
- One step sealing & foot switching

LF1844	6 UNITS/CASE

LigaSure™ Blunt Tip Laparoscopic Sealer/Divider 5 mm, nano-coated – 44 cm

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 44 cm (17,3 in.) length
- 180 degree shaft rotation
- Blunt jaw, double-action with contoured tips design
- Textured jaw with ceramic stops
- Hand switching or foot switching

LF1944	6 UNITS/CASE

LigaSure™ Maryland Jaw Laparoscopic Sealer/Divider 5 mm, nano-coated – 44 cm

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 44 cm (17,3 in.) length
- 350 degree shaft rotation
- Maryland jaws, single-action with contoured tips design
- Textured jaw with ceramic stops
- One step sealing & foot switching

All single use instruments and electrodes have a coded connector for instrument recognition

LigaSure™ Tissue Fusion Instruments, Sterile, Single Use

LS1020 — 6 UNITS/CASE

LigaSure Atlas™ 20 cm Hand Switching Instrument

Compatible with ForceTriad™, Valleylab™ FT10, Valleylab™ LS10 generators and the LigaSure™-8 vessel sealing system

- Sealer/divider
- 10 mm diameter; 20 cm (7,9 in.) length
- 359 degree shaft rotation
- Straight, blunt jaw
- Hand switching or foot switching

LS1520 — 6 UNITS/CASE

LigaSure™ V 20 cm Instrument

Compatible with ForceTriad™ energy platform and LigaSure™-8 vessel sealing system

- Sealer/divider
- 5 mm diameter; 20 cm (7,9 in.) length
- 159 degree shaft rotation
- Dolphin-nose jaw design
- Hand switching or foot switching

LS1037 — 6 UNITS/CASE

LigaSure Atlas™ Hand Switching Laparoscopic Instrument

Compatible with ForceTriad™, Valleylab™ FT10, Valleylab™ LS10 generators and the LigaSure™-8 vessel sealing system

- Sealer/divider
- 10 mm diameter; 37 cm (14,6 in.) length
- 359 degree shaft rotation
- Straight, blunt jaw
- Hand switching or foot switching

LS1500 — 6 UNITS/CASE

LigaSure™ V Laparoscopic Instrument

Compatible with ForceTriad™ energy platform and LigaSure™-8 vessel sealing system

- Sealer/divider
- 5 mm diameter; 37 cm (14,6 in.) length
- 159 degree shaft rotation
- Dolphin-nose jaw design
- Hand switching or foot switching

All single use instruments and electrodes have a coded connector for instrument recognition

LigaSure™ Tissue Fusion Instruments, Sterile, Single Use

LF5637	6 UNITS/CASE

LigaSure™ 37 cm Retractable L-Hook Laparoscopic Device

Compatible with ForceTriad™ and Valleylab™ FT10 generators

- Sealer/divider
- 5 mm diameter; 37 cm (14,6 in.) length
- 315 degree shaft rotation
- Maryland-style jaws
- Retractable monopolar L-hook
- Hand switching

LF5644	6 UNITS/CASE

LigaSure™ 44 cm Retractable L-Hook Laparoscopic Device

Compatible with ForceTriad™ and Valleylab™ FT10 generators

- Sealer/divider
- 5 mm diameter; 44 cm (17,3 in.) length
- 315 degree shaft rotation
- Maryland-style jaws
- Retractable monopolar L-hook
- Hand switching

LF1930T	6 UNITS/CASE

LigaSure™ Maryland Jaw Thoracic Laparoscopic Sealer/Divider 5 mm, nano -coated – 30 cm

Compatible with Valleylab™ FT10 generator version 1.1 or higher version

- HMDSO nano -coated nonstick jaws
- Sealer/divider
- 5 mm diameter; 30cm length
- 350 degree shaft rotation
- Maryland jaws, single-action with contoured tips design · Textured jaw with ceramic stops
- One step sealing & foot switching

LigaSure™ Tissue Fusion Instruments, Sterile, Single Use
For Open Procedures

| **LF4418** | 6 UNITS/CASE |

LigaSure™ Impact Instrument, nano-coated

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- Rectangular shaft; 18 cm (7,1 in.) length
- 180 degree shaft rotation
- 14 degree curved jaw
- Hand switching or foot switching

| **LF2019** | 6 UNITS/CASE |

LigaSure™ Exact Dissector, nano-coated

Compatible with Valleylab™ FT10 energy platform and Vallelyab™ LS10 vessel sealing generator

- HMDSO nano-coated nonstick jaws
- Sealer/divider
- 21 cm instrument length
- Fine tapered jaws
- Hand or foot activation

| **LF1212** | 6 UNITS/CASE |

LigaSure™ Small Jaw Instrument

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- 16,5 mm electrode length
- 18,8 cm instrument length
- 28-degree curved jaw
- Contoured tips for blunt dissection
- Sealer/divider
- Hand or foot activation

All single use instruments and electrodes have a coded connector for instrument recognition

LigaSure™ Tissue Fusion Instruments
For Open Procedures

LF3225	3 UNITS/CASE

LigaSure™ Curved Jaw Open Sealer/Divider Electrode Instrument

Compatible with ForceTriad™ energy platform, Valleylab™ LS10 vessel sealing generator, Valleylab™ FT10 energy platform

- Sealer/divider for open procedures Hand or foot switch activated
- 25 mm electrode length
- 25 cm instrument length
- 34 degree curved jaw
- Contoured tips for blunt dissection

LF3225C	1 UNITS/CASE

LigaSure™ Curved Jaw Open Sealer/Divider Clamp Instrument

Requires LF3225 electrode

Electrode is compatible with ForceTriad™ energy platform, Valleylab™ LS10 vessel sealing generator, Valleylab™ FT10 energy platform

- Non-sterile, reusable
- 25 cm length
- 34 degree curved jaw
- Requires LS3225 electrode

All single use instruments and electrodes have a coded connector for instrument recognition

Sonicision™ Curved Jaw Cordless Ultrasonic Dissection System

Cordless ultrasonic vessel sealing and dissection — now with a tapered, curved jaw and streamlined cleaning and sterilization.[1] These dissectors are designed for single use.

SCDA13	6 UNITS/CASE

Sonicision™ 13 cm Curved Jaw Cordless Ultrasonic Dissector
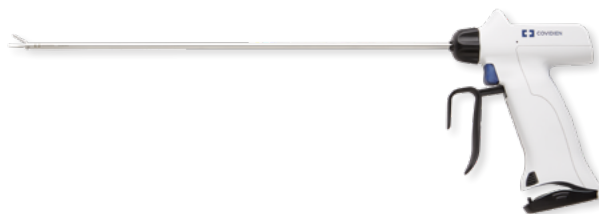
SCDA39	6 UNITS/CASE

Sonicision™ 39 cm Curved Jaw Cordless Ultrasonic Dissector

SCDA26	6 UNITS/CASE

Sonicision™ 26 cm Curved Jaw Cordless Ultrasonic Dissector
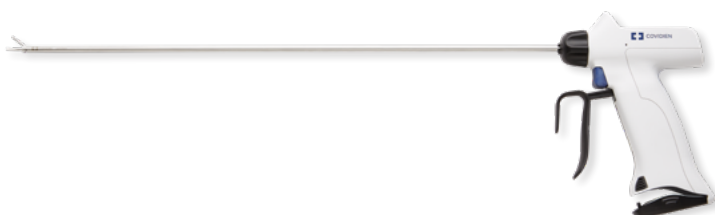
SCDA48	6 UNITS/CASE

Sonicision™ 48 cm Curved Jaw Cordless Ultrasonic Dissector

Sonicision™ Curved Jaw Cordless Ultrasonic Dissection System

SCBA	1 EACH

Sonicision™ Reusable Battery Pack

- It can be reused 200×

CBCA	1 EACH

Sonicision™ Battery Charger

SCGAA	1 EACH

Sonicision™ Reusable Generator

- It can be reused 150×
- Autowashable and autoclavable

SCSTA	1 EACH

Sonicision™ Reusable Sterilization Tray

- It can be reused 150×
- Autowashable and autoclavable

SCBIGA	2 UNITS/CASE

Sonicision™ Reusable Battery Insertion Guide

- It can be reused 150×
- Autowashable and autoclavable

BiZact™ Tonsillectomy Device

BZ4212	6 UNITS/CASE

BiZact™ Tonsillectomy Device

Compatible with ForceTriad™, Valleylab™ FT10 and Valleylab™ LS10 generators

- Sealer/divider
- For vessels and lymphatics up to 3 mm
- 12 cm shaft
- Curved jaws
- Contoured tips for blunt dissection
- Hand switching

Valleylab™ Mode Products, Sterile, Single Use

Valleylab™ Mode

FT3000	25 UNITS/CASE

Force TriVerse™ Electrosurgical Device

Compatible with the Valleylab™ FT10, FX8 and ForceTriad™ Energy platforms

- Allows access to Valleylab™ mode
- EDGE™ coated hex-locking blade electrode
- Cut, Coag and Valleylab™ mode
- Accepts all standard 2,4 mm (3/32 in.) shaft electrodes.
- Holster
- 3 m (10 ft) cord
- Sterile-field power control
- Instrument recognition cord connector

FT3000DB	25 UNITS/CASE

Force TriVerse™ Electrosurgical Device

Compatible with the Valleylab™ FT10, FX8 and ForceTriad™ Energy platforms

- Allows access to Valleylab™ mode
- EDGE™ coated hex-locking blade electrode
- Cut, Coag and Valleylab™ mode
- Accepts all standard 2,4 mm (3/32 in.) shaft electrodes.
- Holster
- 4,6 m (15 ft) cord
- Sterile-field power control
- Instrument recognition cord connector

FT0510	25 UNITS/CASE

Foot Switching Monopolar Cord Valleylab™ Mode

Compatible with the ForceTriad™ Energy platform

- Connects any surgical instrument with a 4 mm connector to the ForceTriad™ energy platform
- Delivers Valleylab™ mode
- Works with EndoShears, EndoDissectors, Roticulators, reusable lap handles
- 3 m (10 ft)

Electrosurgical Pencils, Sterile, Single Use
With EDGE™ Coated Electrode

E2350H	50 UNITS/CASE

Rocker Switch Pencil

- EDGE™ coated hex-locking blade electrode
- Holster
- 3 m (10 ft) cord

E2450H	50 UNITS/CASE

Button Switch Pencil

- EDGE™ coated hex-locking blade electrode
- Holster
- 3 m (10 ft) cord

E2350H-DB	50 UNITS/CASE

Rocker Switch Pencil

- EDGE™ coated hex-locking blade electrode
- Holster
- 4,6 m (15 ft) cord

E2450HS	50 UNITS/CASE

Button Switch Pencil

- EDGE™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord

E2350HS	25 UNITS/CASE

Rocker Switch Pencil

- EDGE™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord

E2250H	50 UNITS/CASE

Foot Switching Pencil

Not compatible with Safety Sleeve™ electrodes or AccuVac™ smoke evacuation attachment

Requires E0502-1 monopolar adapter

- EDGE™ coated hex-locking blade electrode
- Holster
- 3 m (10 ft) cord

Accepts all standard 2,4 mm (3/32 in.) shaft electrodes. See Quick Reference Index on page 68

Electrosurgical Pencils, Sterile, Single Use
With Stainless Steel Electrode

E2515	50 UNITS/CASE

Rocker Switch Pencil

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

E2516	50 UNITS/CASE

Button Switch Pencil

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

E2515H	50 UNITS/CASE

Rocker Switch Pencil

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

E2516H	50 UNITS/CASE

Button Switch Pencil

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

E2515H-DA	50 UNITS/CASE

Rocker Switch Pencil

- Stainless steel needle electrode
- Holster
- 3 m (10 ft) cord

E2516H-DA	50 UNITS/CASE

Button Switch Pencil

- Stainless steel needle electrode
- Holster
- 3 m (10 ft) cord

E2515HDB	50 UNITS/CASE

Rocker Switch Pencil

- Stainless steel hex-locking blade electrode
- Holster
- 4,6 m (15 ft) cord

Accepts all standard 2,4 mm (3/32 in.) shaft electrodes. See Quick Reference Index on page 68

Electrosurgical Pencils, Sterile, Single Use
With Stainless Steel Electrode

E2515HS	25 UNITS/CASE

Rocker Switch Pencil

- Stainless steel hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord
- 3/8" × 1' tubing with 3/8" tubing connector

E2504	50 UNITS/CASE

Foot Switching Pencil

Not compatible with Safety Sleeve™ electrodes or AccuVac™ smoke evacuation attachment

Requires E0502-1 monopolar adapter

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

E2516HS	25 UNITS/CASE

Button Switch Pencil

- Stainless steel hex-locking blade electrode
- AccuVac™ smoke evacuation attachment
- Holster
- 3 m (10 ft) cord

E2504H	50 UNITS/CASE

Foot Switching Pencil

Not compatible with Safety Sleeve™ electrodes or AccuVac™ smoke evacuation attachment

Requires E0502-1 monopolar adapter

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

VL2610	50 UNITS/CASE

Button Switch Pencil

- Stainless steel blade electrode
- Holster
- 3 m (10 ft) cord
- 3 pin connection

VL2610DB	50 UNITS/CASE

Button Switch Pencil

- Stainless steel blade electrode
- Holster
- 4,50 m (15 ft) cord
- 3 pin connection

VL2610E	50 UNITS/CASE

Button Switch Pencil

- Stainless steel blade electrode
- Holster
- 4,50 m (15 ft)
- For Erbe ACC/ICC generators

VL2615	50 UNITS/CASE

Button Switch Pencil

- Ceramic coated blade electrode
- Holster
- 3 m (10 ft) cord
- 3 pin connection

VL2615DB	50 UNITS/CASE

Button Switch Pencil

- Ceramic coated blade electrode
- Holster
- 4,50 m (15 ft) cord
- 3 pin connection

VL2615E	50 UNITS/CASE

Button Switch Pencil

- Ceramic coated blade electrode
- Holster
- 4,50 m (15 ft)
- 1 pin connection

Electrosurgical Pencils, Sterile, Single Use
With Arthroscopic Electrode

E2510H	10 UNITS/CASE

Rocker Switch Pencil

- Insulated
- Arthroscopic right-angle hook electrode
- Stainless steel
- Total length: 21,6 cm (8,5 in)
- Active length: 0,19 cm (0,075 in)
- Holster
- 3 m (10 ft) cord

Accepts all standard 2,4 mm (3/32 in.) shaft electrodes. See Quick Reference Index on page 68

Electrosurgical Pencil and Accessories

E2100	10 UNITS/CASE

Rocker Switch Pencil, Reusable

Accepts all standard 2,4 mm (3/32 in.) shaft electrodes

- Reusable stainless steel blade electrode
- Non-sterile
- 4,6 m (15 ft) silicone cord
- 50 uses
- Steam or EtO sterilizable
- 3 pin connector (Valleylab generators)

E2100E	10 UNITS/CASE

Rocker Switch Pencil, Reusable

Accepts all standard 2,4 mm (3/32 in.) shaft electrodes

- Reusable stainless steel blade electrode
- Non-sterile
- 4,6 m (15 ft) silicone cord
- 50 uses
- Steam or EtO sterilizable
- For Erbe ACC/ICC generator

E2400	50 UNITS/CASE

Electrosurgery Accessory Holster

- Sterile, single use

E2401	100 UNITS/CASE

LectroBrasive™ Tip Cleaner

For use with stainless steel electrodes

- Sterile, single use
- 5,08 cm × 5,08 cm (2 in. × 2 in.)
- Adhesive backing
- X-ray detectable

8 Fr ○

E2608-6	25 UNITS/CASE

Hand Switching Suction Coagulator

- 8 Fr (2,7 mm; 0,105 in. diameter)
- 15,24 cm (6 in.) shaft length

10 Fr ○

E2505-10FR	25 UNITS/CASE

Foot Switching Suction Coagulator

Requires E0502-1 monopolar adapter

- 10 Fr (3,3 mm; 0,131 in. diameter)
- 15,24 cm (6 in.) shaft length

12 Fr ○

E3305	25 UNITS/CASE

Foot Switching Suction Coagulator

Requires E0502-1 monopolar adapter

- 12 Fr (4 mm inner diameter)
- 6 inch shaft length
- Extra insulation layers
- Hand and foot switching

10 Fr ○

E3310	25 UNITS/CASE

Foot Switching Suction Coagulator

Requires E0502-1 monopolar adapter

- 10 Fr (3,3 mm inner diameter)
- 6 inch shaft length
- Extra insulation layers
- Hand and foot switching

Electrosurgical Electrodes, Sterile, Single Use
EDGE™ Coated Electrodes

Coated Electrode Technology...

Coated electrodes provide a wide range of benefits to the surgeon, including improved surgical performance and easier cleaning as compared to traditional stainless steel electrodes. There are several types of coated electrodes, all of which perform differently during surgical procedures.

EDGE™ coated electrodes are manufactured using high-quality surgical steel and a durable, proprietary, elastomeric polymer coating. EDGE™ electrodes provide a more consistent surgical effect with lower power settings.

Easy to Clean

Saves you time. With Valleylab's proprietary coating, no scraping is required. Just wipe clean with a wet sponge and continue.

Durable and Bendable

Without compromising the integrity of the coating. EDGE™ coated electrodes are bendable up to 45 degrees without the coating degradation or flaking that can occur with PTFE electrodes.

Improved Safety

With the NEW Safety Sleeve™ insulated electrodes. These electrodes provide an increased level of safety especially in procedures when the pencil tip can come in contact with unintended target tissue. There is no need to insulate these electrodes with rubber catheters or electrode tip protectors.

Choice of Styles

EDGE™ coated electrodes are available in a wide variety of styles, including blades, needles, three electrode lengths, and insulated electrodes for increased safety when used in close proximity to non-targeted tissue.

EDGE™ electrodes are available in your choice of rocker or button switch pencil for greater convenience and cost savings.

... To save surgeons and hospitals both time and money.

| E1450G | 50 UNITS/CASE |

EDGE™ Coated Blade Electrode
- Total length: 7,62 cm (3 in.)
- Active length: 2,8 cm (1,1 in.)

| E1450X | 50 UNITS/CASE |

EDGE™ Coated Blade Electrode
- Hex locking
- Total length: 6,35 cm (2,5 in.)
- Active length: 2,8 cm (1,1 in.)

| E1450-4 | 50 UNITS/CASE |

EDGE™ Coated Blade Extended Electrode
- Total length: 10,16 cm (4 in.)
- Active length: 2,54 cm (1 in.)

| E1450-6 | 50 UNITS/CASE |

EDGE™ Coated Blade Extended Electrode
- Total length: 16,51 cm (6,5 in.)
- Active length: 2,54 cm (1 in.)

| E1475X | 50 UNITS/CASE |

EDGE™ Coated Blade Extended Electrode

For use when AccuVac™ smoke evacuation attachment is used

- Hex-locking
- Total length: 6,99 cm (2,75 in.)
- Active length: 2,8 cm (1,1 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Sterile, Single Use
EDGE™ Coated Electrodes

| **E1452** | 50 UNITS/CASE |

EDGE™ Coated Needle Electrode
- Total length: 7,2 cm (2,84 in.)
- Active length: 2,8 cm (1,1 in.)
- Tip radius: 0,864 mm (0,034 in.)

| **E1452-6** | 50 UNITS/CASE |

EDGE™ Coated Needle Extended Electrode
- Total length: 16,51 cm (6,5 in.)
- Active length: 2,54 cm (1 in.)
- Tip radius: 0,864 mm (0,034 in.)

| **E1455** | 50 UNITS/CASE |

EDGE™ Coated Blade Electrode
- Insulated
- Hex locking
- Total length: 6,99 cm (2,75 in.)
- Active length: 5,1 mm (0,2 in.)

| **E1455-4** | 50 UNITS/CASE |

EDGE™ Coated Blade Extended Electrode
- Insulated
- Total length: 10,16 cm (4 in.)
- Active length: 5,1 mm (0,2 in.)

| **E1455-6** | 50 UNITS/CASE |

EDGE™ Coated Blade Extended Electrode
- Insulated
- Total length: 16,51 cm (6,5 in.)
- Active length: 5,1 mm (0,2 in.)
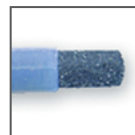
| **E1455B** | 25 UNITS/CASE |

EDGE™ Coated Blade Electrode
Not compatible with foot switching pencils or AccuVac™ smoke evacuation attachment
- Insulated
- Safety Sleeve™
- Total length: 6,99 cm (2,75 in.)
- Active length: 5,1 mm (0,2 in.)
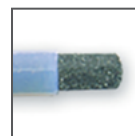
| **E1455B-4** | 25 UNITS/CASE |

EDGE™ Coated Blade Extended Electrode
Not compatible with foot switching pencils or AccuVac™ smoke evacuation attachment
- Insulated
- Safety Sleeve™
- Total length: 10,16 cm (4 in.)
- Active length: 5,1 mm (0,2 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Sterile, Single Use
EDGE™ Coated Electrodes

E1465	50 UNITS/CASE

EDGE™ Coated Needle Electrode

- Insulated
- Total length: 7,2 cm (2,84 in.)
- Active length: 5,1 mm (0,2 in.)
- Tip radius: 0,787 mm (0,031 in.)

E1465-4	50 UNITS/CASE

EDGE™ Coated Needle Extended Electrode

- Insulated
- Total length: 10,16 cm (4 in.)
- Active length: 5,1 mm (0,2 in.)
- Tip radius: 0,787 mm (0,031 in.)

E1465-6	50 UNITS/CASE

EDGE™ Coated Needle Extended Electrode

- Insulated
- Total length: 16,51 cm (6,5 in.)
- Active length: 5,1 mm (0,2 in.)
- Tip radius: 0,787 mm (0,031 in.)

E1465B	25 UNITS/CASE

EDGE™ Coated Needle Electrode

Not compatible with foot switching pencils or AccuVac™ smoke evacuation attachment

- Insulated
- Safety Sleeve™
- Total length: 7,21 cm (2,84 in.)
- Active length: 5,1 mm (0,2 in.)
- Tip radius: 0,787 mm (0,031 in.)

E1465B-4	25 UNITS/CASE

EDGE™ Coated Needle Extended Electrode

Not compatible with foot switching pencils or AccuVac™ smoke evacuation attachment

- Insulated
- Safety Sleeve™
- Total length: 10,16 cm (4 in.)
- Active length: 5,1 mm (0,2 in.)
- Tip radius: 0,787 mm (0,031 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Sterile, Single Use
Tungsten Microsurgical Needle Electrodes

| **E1650** | 10 UNITS/CASE |

Straight Microsurgical Needle

- Insulated
- Total length: 4,2 cm (1,65 in.)
- Exposed length: 2 cm (0,8 in.)
- Active length: 3,0 mm (0,120 in.)
- Tip radius: 0,06 mm (0,0023 in.)

| **E1651** | 10 UNITS/CASE |

Straight Microsurgical Needle

- Insulated
- Total length: 5,4 cm (2,13 in.)
- Exposed length: 3 cm (1,2 in.)
- Active length: 3,0 mm (0,120 in.)
- Tip radius: 0,06 mm (0,0023 in.)

| **E1652** | 10 UNITS/CASE |

Microsurgical Needle

- Insulated
- Total length: 5,4 cm (2,13 in.)
- Exposed length: 3 cm (1,2 in.)
- Active length: 3,0 mm (0,120 in.)
- Tip radius: 0,06 mm (0,0023 in.)
- 45 degree angle, 3,0 mm (0,120 in.) from tip

| **E1653** | 10 UNITS/CASE |

Microsurgical Needle

- Insulated
- Total length: 5,4 cm (2,13 in.)
- Exposed length: 3 cm (1,2 in.)
- Active length: 3,0 mm (0,120 in.)
- Tip radius: 0,06 mm (0,0023 in.)
- 45 degree angle, 1 cm (0,4 in.) from tip

| **E1654B** | 10 UNITS/CASE |

Microsurgical Needle With Safety Sleeve™

Not compatible with foot switching pencils or AccuVac™ smoke evacuation attachment

- Insulated
- Safety Sleeve™
- Total length: 10,16 cm (4 in.)
- Exposed length: 9 cm (3,5 in.)
- Active length: 3,0 mm (0,120 in.)
- Tip radius: 0,06 mm (0,0023 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Sterile, Single Use
LLETZ Electrodes

Shown actual size
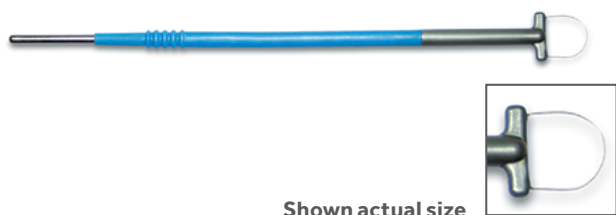
E1559	10 UNITS/CASE

Tungsten Loop
- 10 mm × 10 mm
- 13 cm (5 in.) shaft length

Shown actual size

E1561	10 UNITS/CASE

Tungsten Loop
- 20 mm × 12 mm
- 13 cm (5 in.) shaft length

Shown actual size

E1560	10 UNITS/CASE

Tungsten Loop
- 10 mm × 20 mm
- 13 cm (5 in.) shaft length

Shown actual size
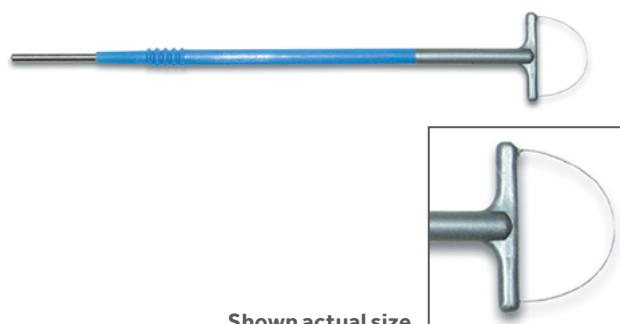
E1562	10 UNITS/CASE

Tungsten Loop
- 20 mm × 15 mm
- 13 cm (5 in.) shaft length

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Sterile, Single Use
LLETZ Electrodes

Shown actual size

E1563	10 UNITS/CASE

Stainless Steel Ball
- 3 mm diameter
- 13 cm (5 in.) shaft length

Shown actual size
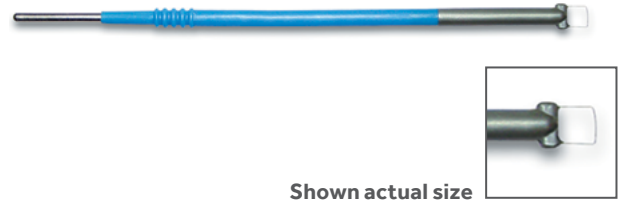
E1565	10 UNITS/CASE

Tungsten Square Loop
- 5 mm × 5 mm
- 13 cm (5 in.) shaft length

Shown actual size

E1564	10 UNITS/CASE

Stainless Steel Ball
- 5 mm diameter
- 13 cm (5 in.) shaft length

Shown actual size
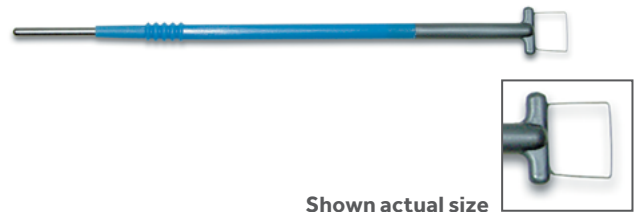
E1567	10 UNITS/CASE

Tungsten Square Loop
- 10 mm × 8 mm
- 13 cm (5 in.) shaft length

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Sterile, Single Use
Stainless Steel Electrodes

E1550	150 UNITS/CASE

Stainless Steel Ball Electrode

- Total length: 5,33 cm (2,1 in.)
- Active length: 1 cm (0,4 in.)
- Diameter: 5 mm (3/16 in.)

E1552	150 UNITS/CASE

Stainless Steel Needle Electrode

- Total length: 7,2 cm (2,84 in.)
- Active length: 2,8 cm (1,1 in.)
- Tip radius: 0,762 mm (0,030 in.)

E1551G	150 UNITS/CASE

Stainless Steel Blade Electrode

- Total length: 6,2 cm (2,44 in.)
- Active length: 2,8 cm (1,1 in.)

E1552-6	50 UNITS/CASE

Stainless Steel Extended Needle Electrode

- Total length: 16,51 cm (6,5 in.)
- Active length: 2,54 cm (1 in.)
- Tip radius: 0,762 mm (0,030 in.)

E1551X	150 UNITS/CASE

Stainless Steel Blade Electrode

- Hex locking
- Total length: 6,2 cm (2,44 in.)
- Active length: 2,54 cm (1 in.)

E2401	100 UNITS/CASE

LectroBrasive™ Tip Cleaner

For use with stainless steel electrodes

- Sterile, single use
- 5,08 cm × 5,08 cm (2 in. × 2 in.)
- Adhesive backing
- X-ray detectable

E1551-6	50 UNITS/CASE

Stainless Steel Extended Blade Electrode

- Total length: 16,51 cm (6,5 in.)
- Active length: 2,54 cm (1 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

CleanCoat™ Laparoscopic Electrodes, Sterile, Single Use
Solid Laparoscopic Electrodes

E3770-36C	10 UNITS/CASE

CleanCoat™ Laparoscopic Straight Spatula Electrode 36 cm, coated

- Fits 5 mm cannulas
- Total length: 36 cm (14 in.)

E3773-36C	10 UNITS/CASE

CleanCoat™ Laparoscopic Wire L-Hook Electrode 36 cm, coated

- Fits 5 mm cannulas
- Total length: 36 cm (14 in.)

E3771-36C	10 UNITS/CASE

CleanCoat™ Laparoscopic Curved Spatula Electrode 36 cm, coated

- Fits 5 mm cannulas
- Total length: 36 cm (14 in.)

E3773-45C	10 UNITS/CASE

CleanCoat™ Laparoscopic Wire L-Hook Electrode 45 cm, coated

- Fits 5 mm cannulas
- Total length: 45 cm (17,7 in.)

E3771-45C	10 UNITS/CASE

CleanCoat™ Laparoscopic Curved Spatula Electrode 45 cm, coated

- Fits 5 mm cannulas
- Total length: 45 cm (17,7 in.)
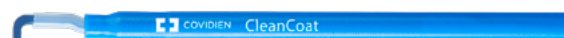
E3774-36C	10 UNITS/CASE

CleanCoat™ Laparoscopic Flat L-Hook Electrode 36 cm, coated

- Fits 5 mm cannulas
- Total length: 36 cm (14 in.)

E3772-36C	10 UNITS/CASE

CleanCoat™ Laparoscopic Wire J-Hook Electrode 36 cm, coated

- Fits 5 mm cannulas
- Total length: 36 cm (14 in.)

E3774-45C	10 UNITS/CASE

CleanCoat™ Laparoscopic Flat L-Hook Electrode 45 cm, coated

- Fits 5 mm cannulas
- Total length: 45 cm (17,7 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils, including E2515, E2516, FT3000, FT3000DB

Electrosurgical Electrodes, Sterile, Single Use
Arthroscopic Electrodes

E1510	10 UNITS/CASE

Arthroscopic Right-Angle Hook Electrode

Not compatible with foot switching pencils

- Insulated
- Stainless steel
- Total length: 21,6 cm (8,5 in.)
- Active length: 0,19 cm (0,075 in.)

E1512	10 UNITS/CASE

Arthroscopic Angled Blade Electrode

Not compatible with foot switching pencils

- Insulated
- Stainless steel
- Total length: 21,6 cm (8,5 in.)
- Active length: 0,19 cm (0,075 in.)

E1511	10 UNITS/CASE

Arthroscopic 45-Degree Angle Hook Electrode

Not compatible with foot switching pencils

- Insulated
- Stainless steel
- Total length: 21,6 cm (8,5 in.)
- Active length: 0,19 cm (0,075 in.)

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Electrodes, Non-Sterile, Reusable
Stainless Steel Electrodes

Steam/EtO sterilizable

E1000	1 EACH

Stainless Steel Ball Electrode

- Total length: 5,33 cm (2,1 in.)
- Active length: 1 cm (0,4 in.)
- Diameter: 3,2 mm (1/8 in.)

E1005	1 EACH

Tungsten Wire Loop Electrode

- Total length: 5 cm (2 in.)
- Active length: 0,95 cm (0,38 in.)
- Diameter: 9,5 mm (3/8 in.)

E1002	1 EACH

Stainless Steel Ball Electrode

- Total length: 5,1 cm (2 in.)
- Active length: 5,6 mm (0,22 in.)
- Diameter: 5,6 mm (7/32 in.)

E1020	1 EACH

Stainless Steel Blade Electrode

- Hex locking
- Total length: 7 cm (2,75 in.)
- Active length: 2,8 cm (1,1 in.)

E1003	1 EACH

Stainless Steel Fine-Needle Electrode

- Total length: 6,6 cm (2,6 in.)
- Active length: 2,54 cm (1 in.)
- Tip radius: 0,51 mm (1/64 in.)

Only sold in selected countries

303-2	5 UNITS/CASE

Reger™* Needle Electrode; 20 × Ø 0,7 mm

- Connector pen: 2,4 mm
- Mechanical properties: to cut tissue
- Electrical properties: according to IEC 60601-1, IEC 60601-2-2
- Reprocessing: 300 times autoclavable at 134 °C; holding time 10 min
- Material: 1.4305, polyamide
- Color: black

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Accessories, Non-Sterile, Reusable
Electrode Extensions

Steam/EtO sterilizable.

Only sold in selected countries

361-0	5 UNITS/CASE

Tungsten Loop Electrode
- Loop diameter: 25 mm
- Shaft length: 110 mm

Only sold in selected countries

361-1	5 UNITS/CASE

Tungsten Loop Electrode
- Loop diameter: 30 mm
- Shaft length: 110 mm

E1502	1 EACH

Straight Electrode Extension
Compatible with standard 2,4 mm (3/32in.) shaft electrodes
- Total length: 13 cm (5,1 in.)
- Extension length: 10,2 cm (4 in.)

E1504	1 EACH

Straight Electrode Extension
Compatible with standard 2,4 mm (3/32in.) shaft electrodes
- Fits 5 mm cannulas
- Total length: 34,3 cm (13,5 in.)
- Extension length: 31,5 cm (12,4 in.)

Only sold in selected countries

301-5	5 UNITS/CASE

Reger™* Angled Blade Electrode
- 20 × 2,5 mm
- 45° angled connector: 2,4 mm
- Autoclavable at 134 °C
- Material: 1.4305, polyamide
- Color: black

Only sold in selected countries

374-3	1 EACH

Reger™* Electrode Adapter
- 2,4 mm to 4 mm
- Autoclavable at 134 °C
- Color: black

Only sold in selected countries

374-5	1 EACH

Reger™* Electrode Extension
For use with 2,4 mm electrodes and pencils
- Length: 90 mm
- Autoclavable at 134 °C
- Color: black

Only sold in selected countries

374-6	1 EACH

Reger™* Electrode Extension
For use with 2,4 mm electrodes and pencils
- Length: 140 mm
- Autoclavable at 134 °C
- Color: black

Standard 2,4 mm (3/32 in.) shaft is designed to fit most electrosurgical pencils

Electrosurgical Accessories, Sterile, Single Use
Tip Cleaner, Holster

E2401	100 UNITS/CASE

LectroBrasive™ Tip Cleaner

For use with stainless steel electrodes

- Sterile, single use
- 5,08 cm × 5,08 cm (2 in. × 2 in.)
- Adhesive backing
- X-ray detectable

E2400	50 UNITS/CASE

Electrosurgery Accessory Holster

- Sterile, single use

Patient Return Electrodes, Non-Sterile, Single Use
Corded

E7507	50 UNITS/CASE

Adult REM PolyHesive™ II Patient Return Electrode

For use with RECQM generators

- For patients > 30 lbs (> 13,6 kg)
- 2,7 m (9 ft) cord
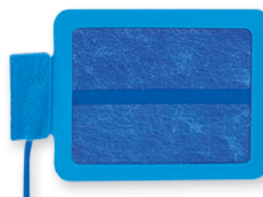
E7510-25DB	25 UNITS/CASE

Infant REM PolyHesive™ II Patient Return Electrode

For use with RECQM generators

- For patients 6-30 lbs (2,72 – 13,6 kg)
- 4,6 m (15 ft) cord

E7507-DB	50 UNITS/CASE

Adult REM PolyHesive™ II Patient Return Electrode

For use with RECQM generators

- For patients > 30 lbs (> 13,6 kg)
- 4,6 m (15 ft) cord

E7512	12 UNITS/CASE

Neonatal REM PolyHesive™ II Patient Return Electrode

For use with RECQM generators

- For patients 1 – 6 lbs (0,45 kg – 2,72 kg)
- 2,7 m (9 ft) cord
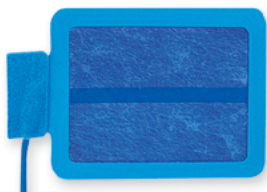
E7510-25	25 UNITS/CASE

Infant REM PolyHesive™ II Patient Return Electrode

For use with RECQM generators

- For patients 6 – 30 lbs (2,72 – 13,6 kg)
- 2,7 m (9 ft) cord

RECQM = Return Electrode Contact Quality Monitoring

Patient Return Electrodes, Non-Sterile, Single Use
Non-Corded

E7509	50 UNITS/CASE, 5 per package
	10 resealable packages per case

Adult REM PolyHesive™ II Patient Return Electrode

Requires E0560 reusable cord/clamp

For use with RECQM generators

- For patients > 30 lbs (> 13,6 kg)

HRA6	50 UNITS/CASE, 10 units per pouch

Valleylab™ Universal Patient Return Electrode

- Removable sticker for health record
- Waterproof and resistant to liquids
- No specific orientation needed
- ProRe™ Hydrogel

E7509-B	600 UNITS/CASE
	50 per package, 12 resealable packages

Adult REM PolyHesive™ II Patient Return Electrode

Requires E0560 reusable cord/clamp

For use with RECQM generators

- For patients > 30 lbs (> 13,6 kg)

B = Bulk

Patient Return Electrode Cord

E0560	1 EACH

Patient Return Electrode Cord/Clamp, Reusable

Compatible with with RECQM generators

For use with E7508, E7509 and E7509-B patient return electrodes

- REM™ pin connector
- 4,6 m (15 ft) cord

E0560E	1 EACH

Patient Return Electrode Cord/Clamp

For use with E7509 and E7509-B patient return electrodes and ERBE generators

- 4,6 m (15 ft) cord

Foot Switching Bipolar Forceps, Non-Sterile, Reusable

Steam/EtO sterilizable
Only sold in selected countries
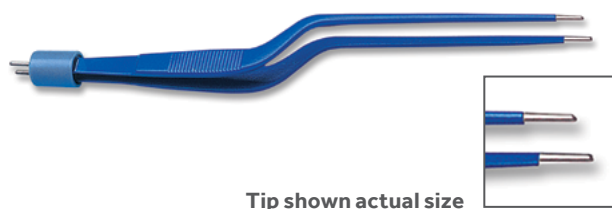
E4051-CT	1 EACH

Scoville-Greenwood Bayonet Forceps†

- Insulated
- Smooth tips
- Total length: 19,7 cm (7,75 in.)
- Tip: 1,5 mm

Tip shown actual size

E4054-CT	1 EACH

Cushing Bayonet Forceps†

- Insulated
- Smooth tips
- Total length: 19,1 cm (7,5 in.)
- Tip: 2,0 mm
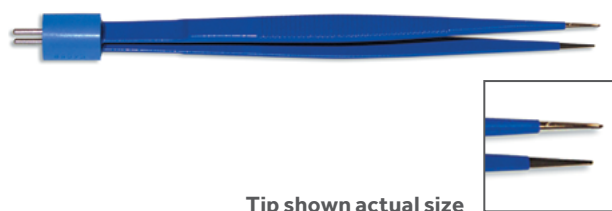
Tip shown actual size

E4052-CT	1 EACH

Cushing Forceps†

- Insulated
- Smooth tips
- Total length: 15,2 cm (6 in.)
- Tip: 0,7 mm

Tip shown actual size

E4055-CT	1 EACH

Jewelers Forceps, Straight Tip†

- Insulated
- Smooth tips
- Total length: 10,2 cm (4 in.)
- Tip: 0,4 mm

Tip shown actual size

E4053-CT	1 EACH

Cushing Forceps†

- Insulated
- Smooth tips
- Total length: 17,8 cm (7 in.)
- Tip: 1,5 mm
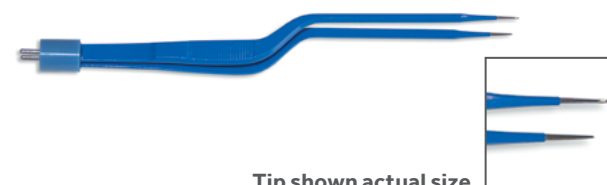
Tip shown actual size

E4057-CT	1 EACH

Gerald Bayonet Forceps†

- Insulated
- Smooth tips
- Total length: 19,1 cm (7,5 in.)
- Tip: 0,7 mm

Tip shown actual size

† Requires E0512 single use cords or QI2401 or E0020V reusable cords

Foot Switching Bipolar Forceps, Non-Sterile, Reusable

Steam/EtO sterilizable
Only sold in selected countries

Tip shown actual size
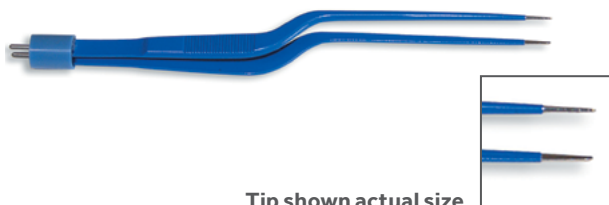
E4058-CT	1 EACH

Cushing Bayonet Forceps

- Insulated
- Smooth tips
- Total length: 19,1 cm (7,5 in.)
- Tip: 0,7 mm

Tip shown actual size

E4059-CT	1 EACH

Hardy Bayonet Forceps with Stops*

- Insulated
- Smooth tips
- Total length: 20,9 cm (8,25 in.)
- Tip: 0,5 mm

Tip shown actual size

E4060-CT	1 EACH

Semkin Forceps with Stops*

- Insulated
- Smooth tips
- Total length: 14 cm (5,5 in.)
- Tip: 0,5 mm

Stops prevent scissoring of the tip

Tip shown actual size

E4062-CT	1 EACH

Curved Iris Forceps

- Insulated
- Smooth tips
- Total length: 8,9 cm (3,5 in.)
- Tip: 0,5 mm

Tip shown actual size
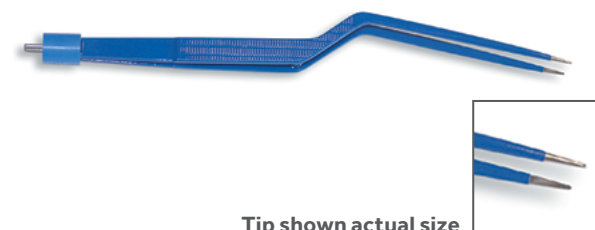
E4073-CT	1 EACH

Titanium Bayonet Forceps

- Insulated
- Smooth tips
- Total length: 22,2 cm (8,75 in.)
- Tip: 1,0 mm

Bipolar Coagulation Scissors, Non-Sterile, Reusable

Medtronic bipolar coagulation scissors are available
with three different jaw designs and can be used
with common bipolar cables (European flat connector).

Only sold in selected countries

MEDTRONIC REUSABLE BIPOLAR COAGULATION SCISSORS	1 EACH

Standard Blade

E97015BPS – 180 mm

E97016BPS – 210 mm

E97017BPS – 230 mm

E97013BPS – 280 mm

- Can be used with standard bipolar forceps cords (e.g. E360131L, E360150L)
- Autoclavable at 134 °C
- Umax 300 Vp

MEDTRONIC REUSABLE BIPOLAR COAGULATION SCISSORS	1 EACH

Slim Blade

E97011BPS – 180 mm

E97018BPS – 210 mm

E97012BPS – 230 mm

E97014BPS – 280 mm

- Can be used with standard bipolar forceps cords (e.g. E360131L, E360150L)
- Autoclavable at 134 °C
- Umax 300 Vp

MEDTRONIC REUSABLE BIPOLAR COAGULATION SCISSORS	1 EACH

Micro Blade

E97020BPS – 140 mm

E97021BPS – 175 mm

- Can be used with standard bipolar forceps cords (e.g. E360131L, E360150L)
- Autoclavable at 134 °C
- Umax 300 Vp

Electrosurgical Accessories, Sterile, Single Use
Cords

FT0510	25 UNITS/CASE

Foot Switching Monopolar Cord Valleylab™ Mode

Connects any surgical instrument with a 4 mm connect or to the ForceTriad™ energy platform

- Delivers Valleylab™ mode
- Works with EndoShears, EndoDissectors, Roticulators, reusable lap handles
- 3 m (10 ft)

E0520	10 UNITS/CASE

Valleylab Trigger™ Switch and Cord

Converts most monopolar foot-activated laparoscopic and thorascopic instruments to hand activation

- Accepts 4 mm male post connector
- Trigger switch total length: 12,7 cm (5 in.)
- Monopolar connecting cord 3,0 m (10 ft)

E0503	50 UNITS/CASE

Foot Switching Monopolar Cord

For use with ACMI Classic Series, pediatric, classic long resectoscopes and ACMI Bugbee electrodes

Requires E0502-1 monopolar adapter

- 3 m (10 ft)
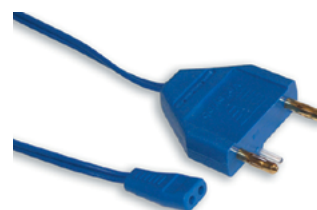
E0512	50 UNITS/CASE

Foot Switching Bipolar Forceps Cord

For use with Valleylab™ bipolar foot switching forceps

Compatible with Force™ series and SurgiStat™ II generators

- Moulded plug
- 3,6 m (12 ft)

E0510	50 UNITS/CASE

Foot Switching Monopolar Laparoscopic Cord

For use with most monopolar laparoscopic instruments

Requires E0502-1 monopolar adapter

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

Electrosurgical Accessories, Non-Sterile, Reusable
Bipolar Cords

92067   1 EACH

Reger™* Cable for Ethicon PowerStar Bipolar Scissors for International 2-pole Models, 5,0 m

- Generator side plug: international 2-pole model
- Instrument side plug: Ethicon PowerStar Bipolar Scissors
- Mechanical properties: to connect Ethicon PowerStar Bipolar Scissors with generators from international models
- Electrical properties: according to IEC 60601-1, IEC 60601-2-2
- Reprocessing: 300 times autoclavable at 134 °C; holding time 10 min
- Combination items: Ethicon PowerStar Bipolar Scissors
- Colour: grey
- Surface: matt

Electrosurgical Accessories, Non-Sterile, Reusable
Bipolar Cords

Steam sterilizable

E0020V	1 EACH

Foot Switching Bipolar Cord

For use with the ForceTriad™ and Valleylab™ FX8 energy platforms

Also compatible with all Force™ series and SurgiStat™ II generators

For use with Valleylab™ bipolar foot switching forceps

- Moulded plug
- 4,5 m (15 ft)

E0021S	1 EACH

Foot Switching Bipolar Cord

For use with the ForceTriad™ and Valleylab™ FX8 energy platforms

Also compatible with all Force™ series and SurgiStat™ II generators

Compatible with most Storz bipolar instruments

- Moulded plug
- 4,5 m (15 ft)

E0022W	1 EACH

Foot Switching Bipolar Cord

For use with the ForceTriad™ and Valleylab™ FX8 energy platforms

Also compatible with all Force™ series and SurgiStat™ II generators

Compatible with most Wolf bipolar forceps

- Moulded plug
- 4,5 m (15 ft)

Bipolar resection cords

FT0021S	1 EACH

Storz™* Bipolar Resection Cord

- To be used with Storz™* bipolar Resectoscopes
- To be used with the ForceTriad™ energy platform
- Reusable
- 4,6 m cord
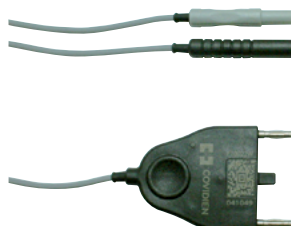
FT0022W	1 EACH

Wolf Bipolar Resection Cord

- To be used with Wolf bipolar resectoscopes
- To be used with the ForceTriad™ energy platform
- Reusable
- 4,6 m cord

Electrosurgical Accessories, Non-Sterile, Reusable, Monopolar Cords
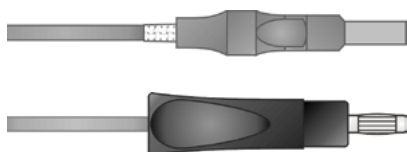
360186	1 EACH

Foot Switching Monopolar Cord

For use with Erbe ACC/ICC generators

- 4 mm female connector
- 3,5 m (11,5 ft)
- Use with Monopolar Forceps 700XXX
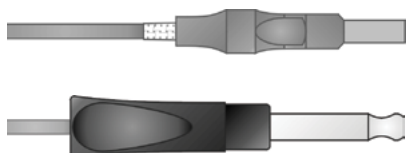
360187	1 EACH

Foot Switching Monopolar Cord

For use with Valleylab

- Jack 8 mm connector
- 3,5 m (11,5 ft)
- Use with Monopolar Forceps 700XXX

Electrosurgical Accessories, Non-Sterile, Reusable
Adapters

E0017	1 EACH

Universal Monopolar Adapter

Compatible with Valleylab™ and most electrosurgical generators for foot switching activation

- Accepts standard monopolar accessory cords up to 6 mm

E0502-1	1 EACH

Monopolar Adapter

Compatible with Valleylab™ and most electrosurgical generators for foot switching activation

- Accepts standard monopolar accessory cord pin connectors up to 3,2 mm

E0005-3C	1 EACH

Monopolar Adapter

- Accepts 4 mm standard active accessory

368587	1 EACH

Monopolar Adapter

For use with Martin/ Berchtold generators

- Accepts Valleylab™ 3 pin electrosurgical pencils

368687	1 EACH

Monopolar Adapter

For use with Erbe ACC/ICC generators

- Accepts Valleylab™ 3 pin electrosurgical pencils

E0507-B	1 EACH

Multiple Return/S Cord Adapter

For use with all Valleylab™ REM-equipped generators

- Accepts Valleylab™ REM PolyHesive™ II patient return electrodes
- Enables use of two patient return electrodes
- Enables use of an S cord

Electrosurgical Accessories
E0504-2 Non-REM™ Patient Return Electrode Adapter Quick Reference Index

For use with the following generators:

Birtcher/Bard System 2000BP

Birtcher/Bard System 2000BP-11

Birtcher/Bard System 3000

Birtcher/Bard System 5000

Burdick SU-7

Burdick SU-8

Cameron-Miller 26-1290

Cameron-Miller 26-2500

Cameron-Miller 80-1983

Circon/ACMI Wrappler BC-200

Circon/ACMI Wrappler C-650

Circon/ACMI Wrappler C-650-FO

Concept 9600

Concept 9900

ConMed/Aspen Labs 100

ConMed/Aspen Labs 180

ConMed/Aspen Labs 360

ConMed/Aspen Labs 360 A

ConMed/Aspen Labs MF380

ConMed/Aspen Labs MF450

EMS/Davol/NDM Blendtomes

EMS/Davol/NDM Hyfrecators

EMS/Davol/NDM 701-706

EMS/Davol/NDM 737

EMS/Davol/NDM 737XL

EMS/Davol/NDM 771

EMS/Davol/NDM 772

EMS/Davol/NDM 773

Maxxim CSV Bovie

Maxxim URO Bovie

Maxxim/Bovie X-10

Maxxim Solid State 400

Maxxim Solid State 400 B

Maxxim Solid State 400SR

Microvasive Endostat, Endostat II

Neomed/Richards 3000 Series

Utah Medical Finesse

92394	1 EACH

Bipol. Adapter International / ERBE™ Cable

- Generator side: international version 2 pol.
- Accessory side: bipolar cable with ERBE™ plug
- Electrical properties: according to IEC 60601-1, IEC 60601-2-2
- Autoclavable at 134 °C

Monopolar Cord Quick Reference Index

Product Number	Product	Length	Single Use/Reusable	Order Quantity	Comments
E0510	Foot Switching Laparoscopic Instrument Cord	3 m (10 ft)	Single Use	50 units/case	Accepts standard 4 mm male post connector Requires E0502-1 monopolar adapter
E0503	Foot Switching Bugbee Electrode Cord	3 m (10 ft)	Single Use	50 units/case	Requires E0502-1 monopolar adapter
360186	Foot Switching	3,5 m (11,5 ft)	Reusable	1 each	Accepts 4 mm male connector generators
360187	Foot Switching	3,5 m (11,5 ft)	Reusable	1 each	Accepts 4 mm male connector generators

Bipolar Cord Quick Reference Index

Product Number	Product	Length	Single Use/Reusable	Order Quantity	Comments
E0512	Foot Switching Forceps Cord	3,6 m (12 ft)	Single Use	50 units/case	Three-pin moulded plug is compatible with Force™ series and SurgiStat™ II generators
E0020V	Foot Switching Bipolar Cord	4,6 m (15 ft)	Reusable – Steam	1 each	Moulded plug Accepts Valleylab™ bipolar foot switching forceps
E0021S	Foot Switching Bipolar Cord	4,6 m (15 ft)	Reusable – Steam	1 each	Moulded plug Accepts most Storz bipolar instruments
E022W	Foot Switching Bipolar Cord	4,6 m (15 ft)	Reusable – Steam	1 each	Moulded plug Accepts most Wolf bipolar forceps
E360131L	Foot Switching Forceps Cord	4,6 m (15 ft)	Reusable – Steam/EtO	1 each	For use with ErbeStorz Wolf generators
E360139L E360150L	Foot Switching Forceps Cord	4,6 m (15 ft)	Reusable – Steam/EtO	1 each	For use with Valleylab generators
E360139L	Foot Switching Forceps Cord	4,6 m (15 ft)	Reusable – Steam/EtO	1 each	For use with Martin/Berchtold generators
E360135	Foot Switching Forceps Cord	4,6 m (15 ft)	Reusable – Steam/EtO	1 each	Standard twin pin plug
FT0021S	Foot Switching Cord	4,6 m (15 ft)	Reusable – Steam/EtO	1 each	For use with ForceTriad™ energy platform
FT0022W	Foot Switching Cord	4,6 m (15 ft)	Reusable – Steam/EtO	1 each	For use with ForceTriad™ energy platform

Laparoscopic Instruments, Sterile, Single Use
Opti4™ Handset and Retractable Hollow Laparoscopic Electrodes

| E2750 | 10 UNITS/CASE |

Opti4™ Laparoscopic Handset

Requires Opti4™ retractable and non-retractable electrodes

- Laparoscopic suction/irrigation device with cut and coag
- Pencil-grip
- 3 m (10 ft) cord

| E2783R-36ASP | 10 UNITS/CASE |

Wire L-Hook Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Aspiration holes
- Insulated tip
- Total length: 36 cm (14 in.)

| E2781R-28ASP | 10 UNITS/CASE |

Curved Spatula Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Aspiration holes
- Total length: 28 cm (11 in.)

| E2784R-28ASP | 10 UNITS/CASE |

Flat L-Hook Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Aspiration holes
- Insulated tip
- Total length: 28 cm (11 in.)

| E2782R-28ASP | 10 UNITS/CASE |

Wire J-Hook Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Aspiration holes
- Insulated tip
- Total length: 28 cm (11 in.)

Laparoscopic Instruments, Sterile, Single Use
Opti4™ Non-Retractable Hollow Laparoscopic Electrodes

E2780-28	10 UNITS/CASE

Straight Spatula Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Total length: 28 cm (11 in.)

E2783-28	10 UNITS/CASE

Wire L-Hook Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Total length: 28 cm (11 in.)

E2781-28	10 UNITS/CASE

Curved Spatula Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Total length: 28 cm (11 in.)

E2784-28	10 UNITS/CASE

Flat L-Hook Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Total length: 28 cm (11 in.)

E2782-28	10 UNITS/CASE

Wire J-Hook Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Total length: 28 cm (11 in.)

E2786-28	10 UNITS/CASE

Cylindrical Tip

Requires E2750 Opti4™ handset

- Fits 5 mm cannulas
- Total length: 28 cm (11 in.)

Argon-Enhanced Electrosurgery
Argon 4 Plasma coagulator System and Accessories

07179   1 EACH

Argon™ 4 Plasma generator

The Argon™ 4 plasma generator is designed to work in conjunction with Valleylab electrosurgical units

- Interactive LCD screen
- Individual gas flow settings for CUT & COAG
- Gas level meter on display
- Supports 2 individual Argon tanks
- Dimensions 410 × 300 × 145mm
- Weight: 5,35kg

10760   1 EACH

Argon™ Adapter Valleylab™ E2520H Handpiece

Compatible with Valleylab E2520H handpiece

- For use with Argon™ 4 Generator

UC8015   1 EACH

Universal Mounting Cart Argon Gas Tank Kit

- Holds 2 G-size 42 cubic ft tanks

UC8009   1 EACH

Universal Mounting Cart

- Rust resistant
- Conductive casters (2 locking, 2 non-locking)

UC8010   1 EACH

Universal Mounting Cart Overshelf

Ideal for a second electrosurgical generator, LigaSure™ vessel sealing system, RapidVac™ smoke evacuation system or Force Argon II™ system

- Supports 75 lbs centered on shelf

Argon-Enhanced Electrosurgery
Argon 4 Plasma coagulator Accessories

10763	1 EACH

Argon™ Connection Hose

Connection Hose length 280 mm

10764	1 EACH

Argon™ Connection Hose

Connection Hose length 750 mm

10765	1 EACH

Argon™ Connection Hose

Connection Hose length 1500 mm

10761	1 EACH

Argon™ cable ESU

Designed to be used with Valleylab Electrosurgical Generator

▪ 170 mm

10762	1 EACH

Argon™ cable ESU

Designed to be used with Valleylabb™ Electrosurgical Generator

▪ 450 mm

10767	1 EACH

Argon™ Cylinder connection

Standard ISO 5145 N4;
cylinder thread W24 × 2 mm RH Male

10769	1 EACH

Argon™ Cylinder connection

Standard DIN 477-1 N6;
cylinder thread W 21,8 – 14 TPI RH Male

10770	1 EACH

Argon™ Cylinder connection

Standard BS341-3 N3;
cylinder thread G 5/8" – 14 NGO RH Female

10771	1 EACH

Argon™ Cylinder connection

Standard UNI11144 N8;
cylinder thread W24,51 × 1,814 RH Female

10773	1 EACH

Argon™ Cylinder connection

Standard NEN 3268 RU 3;
cylinder thread W24,32 × 1/14" RH Male

Argon-Enhanced Electrosurgery, Sterile, Single Use
Argon Plus™ Handset

E2520H	10 UNITS/CASE

ArgonPlus™ Handset

Requires Argon Plus™ electrodes

Requires E0502-1 monopolar adapter

- For delivery of standard or argon-enhanced electrosurgery
- 2,5 cm (1 in.) retractable blade electrode
- 3,6 m (10 ft.) cord
- Holster
- Electrode retraction control

Argon-Enhanced Electrosurgery, Sterile, Single Use
Argon Plus™ Electrodes

E2530-3	10 UNITS/CASE

Flexible Electrode

Requires E2520H Argon Plus™ handset

- Argon coagulation only
- 7,6 cm (3 in.) length

E2580-28	10 UNITS/CASE

Laparoscopic Blade Electrode

Requires E2520H Argon Plus™ handset

- Fits 5 mm cannulas
- 28 cm (11 in.) length
- Retractable electrode

E2530-6	10 UNITS/CASE

Flexible Electrode

Requires E2520H Argon Plus™ handset

- Argon coagulation only
- 15 cm (6 in.) length

E2581-28	10 UNITS/CASE

Laparoscopic Modified Flat-L Electrode

Requires E2520H Argon Plus™ handset

- Fits 5 mm cannulas
- 28 cm (11 in.) length
- Retractable electrode

E2530-28	10 UNITS/CASE

Laparoscopic Flexible Electrode

Requires E2520H Argon Plus™ handset

- Fits 5 mm cannulas
- Argon coagulation only
- 28 cm (11 in.) length

E2583-28	10 UNITS/CASE

Laparoscopic Tungsten Blunt Needle Electrode

Requires E2520H Argon Plus™ handset

- Fits 5 mm cannulas
- 28 cm (11 in.) length
- Retractable electrode

E2532	50 UNITS/CASE

Tungsten Sharp Needle Electrode

Requires E2520H Argon Plus™ handset

- 2,5 cm (1 in) length

Smoke Evacuation Products
RapidVac™ Smoke Evacuation System and Accessories
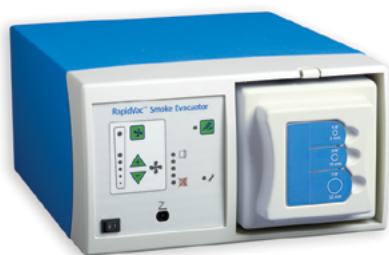
SE3695	1 EACH

RapidVac™ Smoke Evacuator

Requires SEA3700 RapidVac™ smoke evacuator filter

For use with any electrosurgical generator

- Evacuates electrosurgical smoke and laser plume
- Synchronizes with electrosurgical units for auto activation using SEA3730
- Five power levels plus turbo mode
- Maximum flow rate of 44 cfm
- Needs no prefilters or adapters

SEA3700	2 UNITS/CASE

RapidVac™ Smoke Evacuator Filter

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

SEA3730	1 EACH

RapidVac™ Interlink Cable

Synchronizes RapidVac™ system to FT10, FX8 and Force Triad

- 3 m (10 ft) cable

SEA3741	1 EACH

RapidVac™ Remote Switch Activator

Synchronizes RapidVac™ System to any ES generator by sensing the RF Energy through the ES Pencil cable

- Adjustable delay of STOP function (0 to 10 sec)

SEA3745	1 EACH

RapidVac™ Smoke Evacuator Foot Switch

For use with RapidVac™ smoke evacuator

- 4,6 m (15 ft) cord

Smoke Evacuation Products, Sterile, Single Use
RapidVac™ Tubing

| **SEA3705** | 10 UNITS/CASE |

Tubing, 1/4" × 10'

- Connects directly to RapidVac™ smoke evacuator
- Lap tubing/no valve

| **SEA3710** | 10 UNITS/CASE |

Tubing, 3/8" × 10'

- Connects directly to RapidVac™ smoke evacuator
- Interfaces with AccuVac™ pencil

| **SEA3715** | 10 UNITS/CASE |

Tubing with Sponge Guard, 7/8" × 10'

- Connects directly to RapidVac™ smoke evacuator

| **SEA3720** | 12 UNITS/CASE |

Laparoscopic Tubing, 1/4" × 10'

- Connects directly to RapidVac™ smoke evacuator
- In-line valve enables controlled smoke evacuation with minimal pneumoperitoneal pressure loss

| **SEA3725** | 10 UNITS/CASE |

Wand

Compatible with E3635 and SEA3715 7/8" tubing

- For evacuation of laser plume; laser resistant
- 2,2 cm (7/8 in.) diameter
- 20 cm (8 in.) length

| **E3595** | 10 UNITS/CASE |

AccuVac™ Smoke Evacuation Attachment Extender

For use with 15,24 cm (6 in.) extended electrodes

Smoke Evacuation Products, Sterile, Single Use
Smoke Evacuation Pencils and Attachments

E2350HS	25 UNITS/CASE

Rocker Switch Pencil

- EDGE™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment (requires a smoke evacuator)
- Holster
- 3/8" × 1' tubing with 3/8" tubing connector
- 3 m (10 ft) cord

E2450HS	25 UNITS/CASE

Button Switch Pencil

- EDGE™ coated hex-locking blade electrode
- AccuVac™ smoke evacuation attachment (requires a smoke evacuator)
- Holster
- 3/8" × 1' tubing with 3/8" tubing connector
- 3 m (10 ft) cord

E2515HS	25 UNITS/CASE

Rocker Switch Pencil

- Stainless steel hex-locking blade electrode
- AccuVac™ smoke evacuation attachment (requires a smoke evacuator)
- Holster
- 3/8" × 1' tubing with 3/8" tubing connector
- 3 m (10 ft) cord

E2516HS	25 UNITS/CASE

Button Switch Pencil

- Stainless steel hex-locking blade electrode
- AccuVac™ smoke evacuation attachment (requires a smoke evacuator)
- Holster
- 3/8" × 1' tubing with 3/8" tubing connector
- 3 m (10 ft) cord

E3810	20 UNITS/CASE

Valleylab™ Smoke Attachment

- 3/8" (1 cm) tubing, 10' (3 m)

E3815	20 UNITS/CASE

Valleylab™ Smoke Attachment

- 3/8" (1 cm) tubing, 15' (4,6 m)

Smoke Evacuation Products, Sterile, Single Use
Smoke Evacuation Pencils and Attachments

SEP5000	20 UNITS/CASE

Valleylab™ Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode 10' (3 m)

SEL7000A	10 UNITS/CASE

Valleylab™ Laparoscopic Smoke Evacuation System

SEP5015	20 UNITS/CASE

Valleylab™ Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode 15' (4,6 m)

SEP6000	20 UNITS/CASE

Valleylab™ Telescoping Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode 10' (3 m)

SEP6015	20 UNITS/CASE

Valleylab™ Telescoping Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode 15' (4,6 m)

Smoke Evacuation Products
OptiMumm™ Smoke Evacuation Accessories

E3635	12 UNITS/CASE

Tubing 7/8" × 10' with Sponge Guard and Prefilter Adapter

For use with the OptiMumm™ smoke evacuator

- Sterile, single use
- 3,4 cm (1 1/3 in.) connector

E3645	10 UNITS/CASE

AccuVac™ Smoke Evacuation Attachment Tubing

For use with E3590

- Sterile, single use
- 1 cm (3/8 in.) diameter
- 3 m (10 ft) length
- 3,4 cm (1 1/3 in.) diameter prefilter adapter

Smoke Evacuation Products
Smoke Evacuation Accessories

RVFT10	10 UNITS/CASE

RapidVac™ Fluid Trap

- No spill design – internal tortuous path prevents contents from leaking
- Capped connection ports with cap holders built into fluid trap
- 100 cc capacity with marked 25 cc graduations
- Clear construction allows for inspection of contents

UC8010	1 EACH

Universal Mounting Cart Overshelf

For use with UC8009 universal mounting cart only

Ideal for RapidVac™ or OptiMumm™ smoke evacuation systems

- Supports 75 lbs centered on shelf
- Supplied with cord management kit

UC8009	1 EACH

Universal Mounting Cart

- Rust resistant
- Conductive casters (2 locking, 2 non-locking)
- Supplied with cord management kit

UC8013	1 EACH

Universal Mounting Cart Suspended Shelf

For use with UC8009 universal mounting cart only
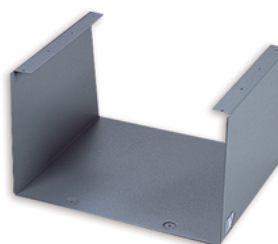
Not compatible with UC8012 drawer

**Ideal for the RapidVac™ or OptiMumm™ smoke evacuation systems**

- Supports 75 lbs

Usage	Activation	Model	Electrode connection	Electrode technology	Electrode shape	Cord length	Specialty	Code	Packaging pcs/box
Single use	Hand switching	Rocker	Hex-locking	EDGE™ Coated Electrode	Blade	3 m	With holster	E2350H	50
							Smoke evacuation - holster	E2350HS	25
						4,6 m	With holster	E2350H-DB	50
				Stainless Steel	Blade	3 m		E2515	50
							With holster	E2515H	50
							Smoke evacuation - holster	E2515HS	25
						4,6 m	With holster	E2515H-DB	50
			Cylindrical	Stainless Steel	Needle	3 m	With holster	E2515H-DA	50
					90° Angle	3 m	With holster	E2510H	10
		Button	Hex-locking	EDGE™ Coated Electrode	Blade	3 m	With holster	E2450H	50
						3 m	Smoke evacuation - holster	E2450HS	50
				Stainless Steel	Blade	3 m		E2516	50
						3 m	With holster	E2516H	50
						3 m	Smoke evacuation - holster	E2516HS	25
			Cylindrical	Stainless Steel	Needle	3 m	Smoke evacuation - holster	E2516H-DA	50
					Blade	3 m		VL2610	50
						4,5 m	for ERBE ESU	VL2610E	50
						4,5 m		VL2610DB	50
				Coated Stainless Steel	Blade	3 m		VL2615	50
						4,5 m		VL2615E	50
						4,5 m		VL2615DB	50
		Button	Hex-locking	EDGE™ Coated Electrode	Blade	3 m	ValleyLab™ Mode	FT3000	25
						4,6 m	ValleyLab™ Mode	FT3000DB	25
	Foot switching		Hex-locking	EDGE™ Coated Electrode	Blade	3 m	With holster	E2250H	50
				Stainless Steel	Blade	3 m		E2504	50
							With holster	E2504H	50
Reusable	Hand switching	Rocker	Hex-locking	Stainless Steel	Blade	4,6 m		E2100	10
							for ERBE ESU	E2100E	10
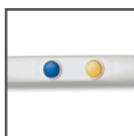
Rocker   Button   Cylindrical   Hex-locking   Holster

Code	Description	E2350HS	E2450HS	E2515HS	E2516HS	E3590	E3595	SE3695	SEA3700	SEA3730	SEA3745	SEA3705	SEA3710	SEA3715	SEA3720	SEA3725	INS-500/515	INS-600/615	INS-400-150/EU	INS-410-150/EU	RVFT10
E2350HS	Disposable HS Smoke Evac Pencil						X		X			X			X						
E2450HS	Disposable HS Smoke Evac Pencil						X		X			X			X						
E2515HS	Disposable HS Smoke Evac Pencil						X		X			X			X						
E2516HS	Disposable HS Smoke Evac Pencil						X		X			X			X						
E3590	Smoke Evacuation Attachment	Fits on every Valleylab™ hand switching pencil																			
E3595	Accuvac Smoke Evac Extension	X	X	X	X																
SE3695	RapidVac™ Smoke Evacuator								X	X	X										
SEA3700	Filter for RapidVac™ Smoke Evacuator SE3695 X	X	X	X	X			X				X	X	X	X				X	X	
SEA3730	RapidVac™ Interlink Cable							X													
SEA3745	RapidVac™ Footswitch							X													
SEA3705	Tubing	X	X	X	X	X		X													
SEA3710	Tubing	X	X	X	X			X													
SEA3715	Tubing	X	X	X	X			X									X				
SEA3720	Laparoscopic Tubing	X	X	X	X	X		X													
SEA3725	Filter Saver with 2 Inlets of 10 mm	X	X	X	X	X		X													

EleVision™ HD1 System

ACCESSORIES

PS00510	1 EACH

USB keyboard German layout

PS00511	1 EACH

USB keyboard English layout

6226-ACAABZZZ-002	1 EACH

Footswitch

LAPAROSCOPES

11.0055A	1 EACH

5.0 mm HD laparoscope, 312 mm, 0° Wide angle

11.0057A	1 EACH

5.0 mm HD laparoscope, 312 mm, 30° Wide angle

11.0031A	1 EACH

10.0 mm HD laparoscope, 344 mm, 0° Wide angle

11.0043A	1 EACH

10.0 mm HD laparoscope, 344 mm, 30° Wide angle

11.0041A	1 EACH

10.0 mm HD laparoscope, 344 mm, 45° Wide angle

CAMERAS

95-3901	1 EACH

Native full HD camera head

1 chip CMOS with parfocal zoom, f = 14.25–28 mm, hydrogen peroxide gas plasma sterilization compatible.

95-3930	1 EACH

Native full HD camera control unit

With selective color enhancement, smoke reduction, and image capture.

EleVision™ HD1 System

LIGHT SOURCES AND LIGHT GUIDES

05.0740LED	1 EACH

LED light source

05.0090L	1 EACH

4.8 × 2300 mm, light guide for LED light source

05.0087L	1 EACH

4.8 × 3000 mm, light guide for LED light source

05.0088l.ht	1 EACH

3.5 × 2300 mm, light guide recommended for Xenon™* light sources > 300

05.0090l.ht	1 EACH

4.8 × 2300 mm, light guide recommended for Xenon™* light sources

05.0085L.ht	1 EACH

3.5 × 3000 mm, light guide recommended for Xenon™* light sources

INSUFFLATOR

FM134	1 EACH

Multi-mode insufflator (maximum 50 L/min)

Z0293	1 BOX = 10 PCS.

Disposable insufflation tubing with integrated filter

Z0280†	1 EACH

Reusable gas heating insufflation tubing, 100 uses

Z0260	1 BOX = 10 PCS.

Disposable gas heating insufflation tubing with integrated filter

Z5044-01	1 EACH

Hose for CO_2 gas bottle DIN:US, 1.5 m

Z5045-01	1 EACH

Hose for CO_2 gas bottle ISO:US, 1.5 m

Z0499-01	1 EACH

Hose for CO_2 gas bottle PIN:US, 1.5 m

Z5100-01	1 EACH

Hose for CO_2 central gas US:DIN, 3 m

Z5101-01	1 EACH

Hose for CO_2 central gas US:DIN, 5 m

Z5102-01	1 EACH

Hose for CO_2 central gas US:NF, 3 m

Z5103-01	1 EACH

Hose for CO_2 central gas US:NF, 5 m

Z5104-01	1 EACH

Hose for CO_2 central gas US:UNI, 3 m

Z5105-01	

Hose for CO_2 central gas US:UNI, 5 m

Z5106-01	1 EACH

Hose for CO_2 central gas US:AGA, 3 m

Z5107-01	1 EACH

Hose for CO_2 central gas US:AGA, 5 m

Z5108-01	1 EACH

Hose for CO_2 central gas DISS:DISS, 3.0 m

Z5074-01	1 EACH

NIST adapter for universal gas connection

Z5075-01	1 EACH

DISS adapter for universal gas connection

Z5072-01	1 EACH

Sinter filter for universal gas connection

Z5048-01	1 EACH

Hose for CO2 central gas DISS:DISS, 1 m

5073-01	1 EACH

US adapter for universal gas connection

Z5077-01	1 EACH

CO2 gas connector, angled

† Not available for sale in the United States.

LAPAROSCOPIC SUCTION IRRIGATION PUMP†

PP120	1 EACH

Laparoscopic suction irrigation pump with RFID

T0502-01	1 BOX = 10 PCS.

Tube set outflow, disposable

T0504-01	1 BOX = 10 PCS.

Tube set, vacuum, disposable

T0505-01	1 BOX = 10 PCS.

Tube set for irrigation, disposable

T0506-01	1 EACH

Tube set for irrigation, reusable, 20 uses

† Not available for sale in the United States and Canada.

MONITORS

MLW-2623C-DC	1 EACH

Full HD 26-inch monitor

MLW-3225C FULL	1 EACH

HD 32-inch monitor

TOWERS

KU-5483-902	1 EACH

Monitor cart

KU-5167-902	1 EACH

Cart for two monitors

KU-7211-902	1 EACH

Cart for 32-inch monitors (up to 19 kg)

EleVision™ IR Platform

ENDOSCOPES

153-0052	1 EACH

VS3 iridium endoscope 5 mm long, 30° standard FOV†

153-0053	1 EACH

VS3 iridium endoscope 5 mm long, 0° standard FOV†

153-0072	1 EACH

VS3 iridium endoscope 10 mm long, 30° standard FOV†

153-0073	1 EACH

VS3 iridium endoscope 10 mm long, 0° standard FOV†

† Field of view. 12 EleVision™ HD 1 System

MICROSCOPE

174-0012	1 EACH

Fluorescence miniature microscope (MMS-IR)

CAMERA

174-0051	1 EACH

VS3 iridium fluorescence camera (Camera-IR)

CAMERA CONTROL UNIT†

443-0001	1 EACH

VS3 iridium camera control unit with iridium software license

† Only available as spare part for the VS3 Iridium system.

EleVision™ IR Platform

LIGHT SOURCES AND LIGHT CABLES†

460-0011	1 EACH

VS3 iridium laser light source

560-6453	1 EACH

VS3 Xenon™* light source

161-0001	1 EACH

VS3 iridium light beam combiner

560-6462	1 EACH

VS3 light cable

† Only available as spare part for the VS3 Iridium system.

MONITOR

550-5065	1 EACH

27-inch 2DHD touch monitor

†Only available as spare part for the VS3 Iridium system.

DRAPES

115-0012	10 EACH

Iridium MMS drapes†

† Distributed by third party vendor.
‡ Only available for sale in the United States.

ACCESSORIES†

519-1341	1 EACH

VS3 rolling cart 230V

115-0051	1 EACH

VS3 iridium camera holding arm

519-1709	1 EACH

Twin gas bottle holder

560-6478	1 EACH

Replacement Xenon™* bulb

† Only available as spare part for the VS3 Iridium system.

NOTES

PORTFOLIO.
MORE ENERGY.
MORE PLACES.

PERFORMANCE.
OUR PRODUCTS
ARE DESIGNED
TO DELIVER
PERFORMANCE.

VALUE.
YOU DEMAND
VALUE.
SO DO WE.

1. Based on internal test report #R0042752 rev A, Marketing evaluation of surgeon experience using the Sonicision™ curved jaw cordless ultrasonic dissector. Feb.13–17, Feb. 28, March 3, May 16, 2017.

Medtronic

medtronic.com/covidien/uk

ENT
PRODUCT
CATALOG

Medtronic

CATALOG
DIRECTORY

Medtronic

TERMS AND CONDITIONS

TOLL FREE PHONE (800) 874-5797

TOLL FREE FAX (800) 678-3995

www.MedtronicENT.com

PAYMENT TERMS AND PRICES
PAYMENT TERMS ARE NET 30 DAYS FROM DATE OF INVOICE. Prices do not include any applicable Federal, State or other taxes and will be added to the invoice unless an exemption certificate is supplied. Prices are subject to change at Medtronic ENT's discretion without notice.

SHIPMENTS
FOB, Jacksonville, FL USA. Freight is prepaid and added to invoice. Date of shipment is based on best estimates using commercially reasonable efforts to ship on schedule. Medtronic ENT shall not be liable for damage or loss due to any delay in delivering. Partial shipments will be made as required. Claims for short shipment are to be made within 10 days of shipment. Claims for goods damaged in shipment are to be made to the delivery carrier. Do not accept damaged shipments unless noted on the Bill of Lading at time of receipt. Medtronic ENT shall not be liable for any failure or delay in delivery occasioned in whole or in part by strikes, lockouts, fire, inability to obtain materials or shipping space, wars, civil commotion, destruction of plants, delay of carriers, any governmental act or regulation, or any other cause beyond its control.

WARRANTY
All merchandise shall be covered by the Medtronic ENT standard limited warranty applicable to that product. MEDTRONIC ENT SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, WITHOUT LIMITA-TION, THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

PRODUCT SPECIFICATIONS AND AVAILABILITY
Specifications, designs, prices and availability are subject to change. Medtronic ENT reserves the right to discontinue merchandise or to change specifications without notice or obligation.

COMPLAINT HANDLING
If you encounter a problem or complaint, please: 1) obtain all relevant facts, including name of user, address, phone number, merchandise number, lot/serial number, date of occurrence and description of circumstances or nature of problem; and 2) report information immediately to Medtronic ENT, Customer Service at the above phone number. Every effort will be made to address and resolve problems in a manner consistent with our goal of providing quality merchandise and services.

RETURNED GOODS
No merchandise may be returned without the prior authorization of Medtronic ENT. To request a returned goods authorization number (RGA) please contact Customer Service with the following information on the merchandise to be returned: 1) the original invoice number or purchase order number; 2) the reason for return; 3) the catalog number; 4) the quantity; and 5) the lot. Please display the RGA number prominently on the box and include it on all paperwork. All authorized returns must be sent freight prepaid.

A. All returned merchandise must be in its original package. Any merchandise returned that is obsolete, beyond its expiration date, defaced, altered, damaged or has come in contact with body tissue or fluids will not be eligible for return or credit. Sterile merchandise must be returned in full-box quantities with the outer seals intact.

B. All merchandise (except battery-powered devices) returned unused within 45 days of date of shipment will be credited at customer's purchase price. Battery-powered devices returned within 45 days of date of purchase will be charged a thirty percent (30%) restocking fee.

All merchandise returned unused after 45 days and up to 90 days from date of shipment will be credited at customer's purchase price less a fifty percent (50%) restocking fee. Merchandise returned more than 90 days from date of shipment is not eligible for return or credit.

C. Merchandise returned without prior authorization or not in accordance with A and B above will be returned to customer at customer's expense.

RETURN OF PRODUCT FOR REPAIR
To arrange for the return of merchandise for repair, call Customer Service at (800)-874-5797 to obtain a Return Goods Authorization number (RGA) and to schedule the repair. Please have the original invoice number or purchase order number available to assist in verifying warranty information.

A purchase order number is required to process all repairs. After obtaining a RGA, customer service will inform you of the repair charge that will be billed against your purchase order.

The RGA number should be prominently displayed on the box and included on all paperwork enclosed with the repair. Merchandise returned for repair should be safely packaged in protective wrapping. Customer must include, with the returned merchandise the 1) purchase order number; 2) correct shipping and billing address; and 3) Repair Order Form or statement of problem/reason for repair.

All repairs should be shipped freight prepaid to:
Medtronic Xomed, Inc.
4102 Southpoint Boulevard
Jacksonville, FL 32216
ATTN: RGA # _____

IMPORTANT
Due to the potential threat to health, all instruments and devices retuned for repair must have been decontaminated and/or sterilized. Any product received in an unsanitary condition will be deemed un-repairable and discarded unless Medtronic ENT is able to sterilize or decontaminate the product. An additional service fee of $250.00 will be applied to the cost of the repair of any product requiring sterilization or decontamination by Medtronic ENT.

LOANER POLICY FOR REPAIRS
Loaners for merchandise that is being repaired under warranty are provided at no charge and must be returned to Medtronic ENT within ten (10) days after customer's receipt of repaired merchandise. If the loaner is not returned within the allotted timeframe, Medtronic ENT reserves the right to charge a daily rental fee. Rental fees will continue to be charged until the loaner is returned to Medtronic ENT.

Customer shall be responsible for any damage to loaner equipment while in Customer's possession or during shipping back to Medtronic ENT. Customer shipping charges associated with the loaner's return.

REPAIR WARRANTIES
All repairs are warranted to be free of defects in material and workmanship for ninety (90) days after the date of shipment.

CHANGES TO TERMS
MEDTRONIC ENT RETAINS THE RIGHT TO CHANGE ANY OF THESE TERMS OR CONDITIONS WITHOUT NOTICE.

Table of Contents

OSSICULAR RECONSTRUCTION IMPLANTS AND ACCESSORIES   85

TISSUE HEALTH   117

Millimeter Equivalents

MM	=	INCHES	MM	=	INCHES	MM	=	INCHES
.1	=	.00384	29.0	=	1.14173	65.0	=	2.55905
.2	=	.00787	30.0	=	1.18110	66.0	=	2.59842
.3	=	.01181	31.0	=	1.22047	67.0	=	2.63779
.4	=	.01575	32.0	=	1.25984	68.0	=	2.67716
.5	=	.01968	33.0	=	1.29921	69.0	=	2.71653
.6	=	.02362	34.0	=	1.33858	70.0	=	2.75590
.7	=	.02756	35.0	=	1.37795	71.0	=	2.79527
.8	=	.03149	36.0	=	1.41732	72.0	=	2.83464
.9	=	.03543	37.0	=	1.45669	73.0	=	2.87401
1.0	=	.03937	38.0	=	1.49606	74.0	=	2.91338
2.0	=	.07874	38.1	=	1.5	75.0	=	2.95275
3.0	=	.11811	39.0	=	1.53543	76.0	=	2.99212
4.0	=	.15748	40.0	=	1.57480	76.2	=	3.0
5.0	=	.19685	41.0	=	1.61417	77.0	=	3.03149
6.0	=	.23622	42.0	=	1.65354	78.0	=	3.07056
7.0	=	.27559	43.0	=	1.69291	79.0	=	3.11023
8.0	=	.31496	44.0	=	1.73228	80.0	=	3.14960
9.0	=	.35433	45.0	=	1.77165	81.0	=	3.18897
10.0	=	.39370	46.0	=	1.81102	82.0	=	3.22834
11.0	=	.43307	47.0	=	1.85039	83.0	=	3.26771
12.0	=	.47244	48.0	=	1.88976	84.0	=	3.30708
12.7	=	.5	49.0	=	1.92913	85.0	=	3.34645
13.0	=	.51181	50.0	=	1.93500	86.0	=	3.38582
14.0	=	.55118	50.8	=	2.0	87.0	=	3.42519
15.0	=	.59055	51.0	=	2.00787	88.0	=	3.46456
16.0	=	.62992	52.0	=	2.04724	88.9	=	3.5
17.0	=	.66929	53.0	=	2.08661	89.0	=	3.50393
18.0	=	.70866	54.0	=	2.12598	90.0	=	3.54330
19.0	=	.74803	55.0	=	2.16535	91.0	=	3.58267
20.0	=	.78740	56.0	=	2.20472	92.0	=	3.62204
21.0	=	.82677	57.0	=	2.24409	93.0	=	3.66141
22.0	=	.86614	58.0	=	2.83460	94.0	=	3.70078
23.0	=	.90551	59.0	=	2.32283	95.0	=	3.74015
24.0	=	.94488	67.0	=	2.36220	96.0	=	3.77952
25.0	=	.98425	61.0	=	2.40157	97.0	=	3.81889
25.4	=	1.0	62.0	=	2.44094	98.0	=	3.85826
26.0	=	1.02362	63.0	=	2.48031	99.0	=	3.89763
27.0	=	1.06299	63.5	=	2.5	100.0	=	3.93700
28.0	=	1.10236	64.0	=	2.51968	100.6	=	4.0

Needle Tubing Equivalents

SIZE GUAGE NO.	APPROX. O.D. MM	APPROX. O.D. INCHES
26	.4	.018
24	.5	.022
22	.7	.028
20	.9	.035
18	1.3	.053
16	1.6	.065
14	2.1	.083
12	2.8	.109
10	3.4	.134
8	4.2	.165
6	5.1	.203

Suction Tubing Equivalents

SIZE FRENCH GUAGE NO.	APPROX. O.D. MM	APPROX. O.D. INCHES
3	1.0	.039
4	1.3	.053
5	1.7	.066
6	2.0	.079
7	2.3	.092
8	2.7	.105
9	3.0	.118
10	3.3	.131
11	3.7	.144
12	4.0	.158
13	4.3	.170
14	4.7	.184
15	5.0	.197
16	5.3	.210

OFFICE-BASED
SOLUTIONS

Medtronic

StealthStation FlexENT™ Navigation System

CART CONFIGURATIONS

Ordering Code	FLEXCARTFLAT	FLEXCARTSIDESTAND	FLEXCARTSIDECLAMP
Flat Emitter	✔		
Side Emitter		✔	✔
Emitter Stand		✔	
Bedrail Clamp			✔

DESKTOP CONFIGURATIONS

Ordering Code	FLEXDESKFLAT	FLEXDESKSIDESTAND	FLEXDESKSIDECLAMP
Flat Emitter	✔		
Side Emitter		✔	✔
Emitter Stand		✔	
Bedrail Clamp			✔

9736226 – StealthStation FlexENT™ Software License
9736227 – Planning, Annotations and Virtual Endoscopy
9736155 – StealthMerge™ Software
9735742 – Stealth™ 3D Software

NuVent™ EM Sinus Dilation System
Balloon Dilation with Integrated Navigation

- For use with Medtronic ENT electromagnetic (EM) navigation
- Frontal, maxillary, and sphenoid designs
- 5mm, 6mm, and 7mm balloon size options

Product	Description	Qty
70 Degree Balloons		
1830517FRT70	70 Degree Balloon 5.0mm x 17.0mm	1
1830617FRT70	70 Degree Balloon 6.0mm x 17.0mm	1
1830717FRT70	70 Degree Balloon 7.0mm x 17.0mm	1
Frontal Balloons		
1830517FRT	Balloon Seeker, EM Frontal Balloon 5.0mm x 17.0mm	1
1830617FRT	Balloon Seeker, EM Frontal Balloon 6.0mm x 17.0mm	1
1830717FRT	Balloon Seeker, EM Frontal Balloon 7.0mm x 17.0mm	1
Maxillary Balloons		
1830507MAX	Balloon Seeker, EM Maxillary Balloon 5.0mm x 7.0mm	1
1830607MAX	Balloon Seeker, EM Maxillary Balloon 6.0mm x 7.0mm	1
1830707MAX	Balloon Seeker, EM Maxillary Balloon 7.0mm x 7.0mm	1
Sphenoid Balloons		
1830517SPH	Balloon Seeker, EM Sphenoid Balloon 5.0mm x 17.0mm	1
1830617SPH	Balloon Seeker, EM Sphenoid Balloon 6.0mm x 17.0mm	1
1830717SPH	Balloon Seeker, EM Sphenoid Balloon 7.0mm x 17.0mm	1
Inflator		
183INFKIT	Kit, Inflator	1

NuVent Balloon Package

Frontal Balloon (70 Degree)

Frontal Balloon (98 Degree)

Maxillary Balloon

Sphenoid Balloon

HydroCleanse™ Sinus Wash Delivery System

- 360-degree rotating fan spray
- Sinus-specific suction catheter tips with three angles
- Adjustable spray pressure controlled by self-returning hand grip

Product	Description	Qty
1960100	HydroCleanse Sinus Wash Delivery System	1

XPS Nexus™ ENT Power Console

- Connects to the StraightShot™ M4 Microdebrider
- Handpiece recognition
- Portable
- Built-in irrigation pump
- Foot pedal with non-slip design (sold separately)
- IV pole (sold separately)

Product	Description	Qty
1894510	XPS Nexus Console	1

StraightShot™ M4 Microdebrider Handpiece

Compatible with the IPC™ and the XPS Nexus™
- Rotatable blade options

Product	Description	Qty
1898200T	StraightShot M4 High-Speed Microdebrider with SureTrack	1

POWERED
SURGICAL
EQUIPMENT

Medtronic

Integrated Power Console (IPC™) System

Our IPC™ system is a powered ENT surgery console with a range of application-specific products.

Product	Description	Qty
1898001	Integrated Power Console	1
1898430	Integrated Power Console Multifunction Footpedal	1
1897510	Basket	1
1898600	IPC Cart	1

1898001

IPC™ System Power Cords

Product	Description	Qty
1895820	Power Cord, Standard, North America, 3 M	1
1897821	Power Cord, Standard, North America, 6 M	1

IPC™ System Manuals

Product	Description	Qty
1898851	IPC Manual (English Only)	1
1898851A	IPC Manual (EL, EN, ES, FR, PT)	1
1898851B	IPC Manual (DE, EN, FR, IT, NL)	1
1898851C	IPC Manual (DA, EN, FI, NO, SV)	1
1898851D	IPC Manual (CS, EN, HU, PL, TR)	1
1898851E	IPC Manual (EN, RU) - CD only	1

1898430

IPC™ Suction Irrigation Set with IntelliFlow™ Remote Control

System includes:
Coextruded Suction-Irrigation Tubing Set
Multi-size Irrigation Tip Adapters (4) Intelliflow™ Remote Control

Product	Description	Qty
3318604E	IPC Suction-Irrigation System	1

1898600

3318604E

XPS Nexus™ ENT Power Console

- Connects to the StraightShot™ M4 Microdebrider
- Handpiece recognition
- Portable
- Built-in irrigation pump
- Foot pedal with non-slip design (sold separately)
- IV pole (sold separately)

1894510

Product	Description	Qty
1894510	XPS Nexus Console	1
1894520	XPS Nexus Foot Control	1
1894515	XPS Nexus IV Pole	1
1897821	Power Cord, 6 meter, IEC 320, 115V	1

1894520
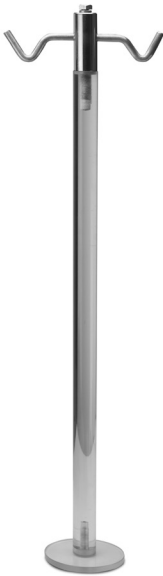
1894515

StraightShot™ M5 Microdebrider

The StraightShot™ M5 works with:

- 30K high-speed burs
- Factory-calibrated EM blades for Fusion™ ENT Navigation
- Quadcut™ blades
- Cross-compatible with M4 blades and burs

Product	Description	Qty
1899200	StraightShot M5 Microdebrider	1
1899076	StraightShot M5 Instrument Tray	1

1899200

1899076

StraightShot™ M4 Microdebrider Handpiece

Compatible with the IPC™ and the XPS™ Nexus

- Rotating blade and handpiece

Product	Description	Qty
1898200T	StraightShot M4 High-Speed Microdebrider with SureTrack	1
1898075	StraightShot M4 Instrument Tray	1
1895522	StraightShot M4 Tubing	1

1898200T

Hydrodebrider™ System

Power and Access

- Powered irrigation system for the paranasal sinuses
- With a rotating spray, the Flex-Tip incorporates suction and 270° articulation

Product	Description	Qty
1913001	Hydrodebrider Console	1
1914001	Hydrodebrider, Standard Handpiece	1
1921002	Hydrodebrider, Frontal Handpiece	1

Hydrodebrider – Powered ENT Power Cords

Product	Description	Qty
1895820	Power Cord, Standard, 3 M	1
1897821	Power Cord, Standard, 115V, 6 M	1

1913001

1914001
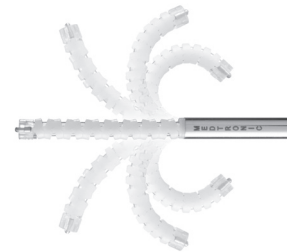
Standard handpiece tip close-up

1921002

Frontal handpiece tip close-up

30K Burs

Product	Description	Length	Qty
1884015RTD	30K Tapered Diamond Choanal Atresia Bur, 4.0 mm,15°	13 cm	1
1883040BLD	30K Bullet Diamond Bur, 3.0 mm, 40°	13 cm	1
1883040BLC	30K Bullet Cutting Bur, 3.0 mm, 40°	13 cm	1
1884040RTC	30K Reverse Tapered Cutting Bur, 4.0 mm, 40°	13 cm	1
1883040BRC	30K Frontal Finesse Barrel Cutting Bur, 3.0 mm, 40°	13 cm	1
1883655BRC	30K Barrel Cutting Bur, 3.6 mm, 55°	13 cm	1
1884070RTD	30K Reverse Tapered Diamond Bur, 4.0 mm, 70°	13 cm	1
1884070RTC	30K Reverse Tapered Cutting Bur, 4.0 mm, 70°	13 cm	1
1883070BLD	30K Bullet Diamond Bur, 3.0 mm, 70°	13 cm	1
1883070BLC	30K Bullet Cutting Bur, 3.0 mm, 70°	13 cm	1
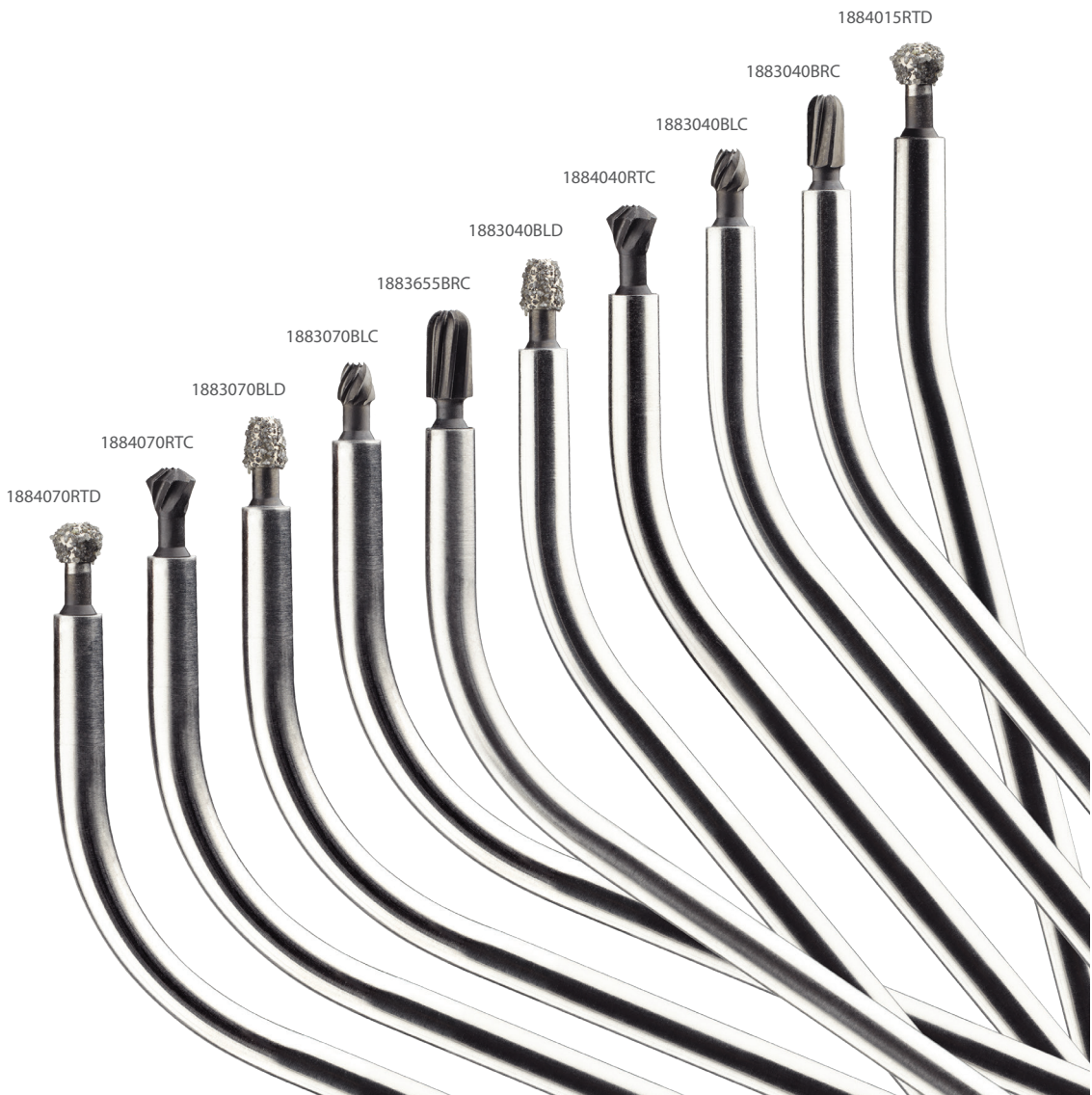
Maximum speed for 30K Burs is 12,000 rpm when used with StraightShot™ M4 Microdebrider Handpiece

QUADCUT™ BLADES 360°

4.3 mm Quadcut™ Straight Rotatable Blade with Automated EM Tracking
1884380EM

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

3.4 mm Quadcut™ Straight Rotatable Blade with Automated EM Tracking
1883480EM

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

3.0 mm Quadcut™ Straight Rotatable Blade with Automated EM Tracking
1883080EM

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

Speeds are suggested rpm (revolutions per minute), operated in oscillation mode for blades and (forward) mode for burs.

Measurements are listed in millimeters unless otherwise specified.

TRICUT™ BLADE 360°

4.0 mm Tricut™ Straight Rotatable Blade with Automated EM Tracking
1884080EM

· 13.0 cm long with straight shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

RAD™ BLADES 360°

4.0 mm RAD™ 12 Curved Rotatable Blade with Automated EM Tracking
1884012EM

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing
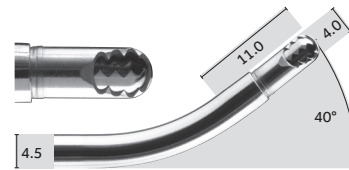
4.0 mm RAD™ 40 Curved Rotatable Blade with Automated EM Tracking
1884006EM

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

IRRIGATION TUBING

Irrigation Tubing for Blades and Burs
1895522

· For use with IPC™ blades and burs
· 5 each

QUADCUT™ BLADES 360°

4.3
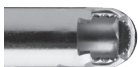
4.3 mm Quadcut™ Blade
1884380HR

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 5 each with irrigation tubing

QUADCUT™ BLADES 360°

3.4
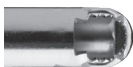
3.4 mm Quadcut™ Blade
1883480HRE

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

QUADCUT™ BLADES 360°

3.0
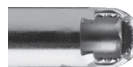
3.0 mm Quadcut™ Blade
1883080HRE

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

Speeds are suggested rpm (revolutions per minute), operated in oscillation mode for blades and (forward) mode for burs.

Measurements are listed in millimeters unless otherwise specified.

TRICUT™ BLADES 360°

4.0
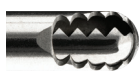
4.0 mm Tricut™ Blade
1884004HR

· 11.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 5 each with irrigation tubing

4.0 mm Tricut™ Blade
1884080HR

· 13.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 RPM, oscillate
· 5 each with irrigation tubing

TRICUT™ BLADES 360°

3.5
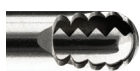
3.5 mm Tricut™ Blade
1883504HR

· 11.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 5 each with irrigation tubing

2.9

2.9 mm Tricut™ Blade
1882904HRE

· 11.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

SERRATED BLADES 360°

4.0
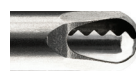
4.0 mm Serrated Blade
1884002HRE

· 11.0 cm with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

3.5

3.5 mm Serrated Blade
1883502HRE

· 11.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

2.9

2.9 mm Serrated Blade
1882902HRE

· 11.0 cm long with straight shaft
· Rotates through 360°
· Operating speed: up to 7,500 rpm, oscillate
· 1 each with irrigation tubing

SILVER BULLET™   360°

4.0

4.0 mm Silver Bullet™ Blade
1884005HRE

· 11.0 cm long with straight shaft

· Rotates through 360°

· Operating speed: up to 7,500 rpm, oscillate

· 1 each with irrigation tubing

· Developed in conjunction with
  Rodney Lusk, MD

2.9

2.9 mm Silver Bullet™ Blade
1882905HRE

· 11.0 cm long with straight shaft

· Rotates through 360°

· Operating speed: up to 7,500 rpm, oscillate

· 1 each with irrigation tubing

· Developed in conjunction with
  Rodney Lusk, MD

TURBINATE   360°

2.9

2.9 mm Inferior Turbinate Blade
1882940HR

· 11.0 cm long

· Rotates through 360°

· Straight shaft with elevator

· Operating speed: up to3,000 rpm, oscillate

· 5 each with irrigation tubing

· Developed in conjunction with
  Laurence O'Halloran, MD

2.0

2.0 mm Inferior Turbinate Blade
1882040HR

· 11.0 cm long

· Rotates through 360°

· Straight shaft with elevator

· Operating speed: up to 3,000 rpm, oscillate

· 5 each with irrigation tubing

· Developed in conjunction with
  Laurence O'Halloran, MD

RAD™ 12 BLADES 360°

4 mm RAD™ 12 Blade
1884012HR

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 5 each, irrigation tubing separate

3.5 mm RAD™ 12 Blade
1883512HRE

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 1 each, irrigation tubing separate

IRRIGATION TUBING

Irrigation Tubing for Blades and Burs
1895522

· For use with XPS™ blades and burs
· 5 each

RAD™ 40 BLADES 360°

4 mm RAD™ 40 Blade
1884006HR

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 5 each, irrigation tubing separate

3.5 mm RAD™ 40 Blade
1883506HRE

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 7,500 rpm, oscillate
· 1 each, irrigation tubing separate

RAD™ 90 BLADE 360°
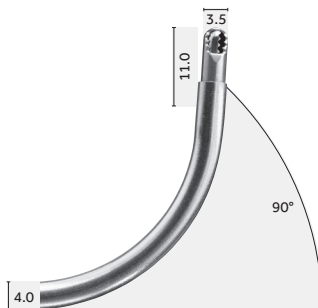
3.5 mm RAD™ 90 Blade
1883519HR

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 3,000 rpm, oscillate
· 3 each, irrigation tubing separate

RAD™ 60 BLADES 360°
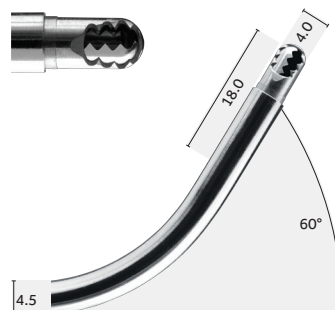
4 mm RAD™ 60 Blade
1884016HR

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 5,000 rpm, oscillate
· 5 each, irrigation tubing separate
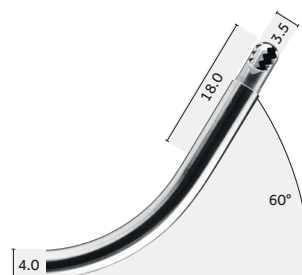
3.5 mm RAD™ 60 Blade
1883516HRE

· 11.0 cm long with curved shaft
· StraightShot™ M4 rotates blade tip 360° without shaft rotation
· Operating speed: up to 5,000 rpm, oscillate
· 1 each, irrigation tubing separate
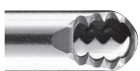
RAD™ 60 BLADE

2.9 mm RAD™ 60 Blade
1882916

· 11.0 cm long with curved shaft

· Operating speed: up to 1,500 rpm, oscillate

· 3 each, irrigation tubing separate

RAD™ 120 BLADE
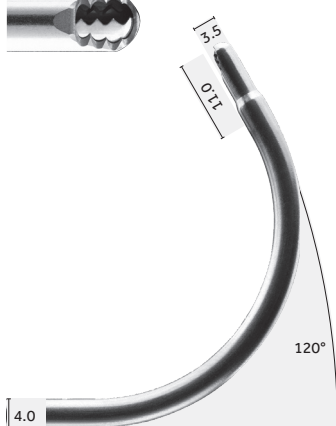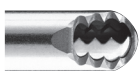
3.5 mm RAD™ 120 Blade
1883517

· 11.0 cm long with curved shaft

· Operating speed: up to 7,500 rpm, oscillate

· 3 each, irrigation tubing separate

OVAL BUR

3.2

3.2 mm Oval Bur, High-Speed
1883264HS

· 12.5 cm long with straight shaft
· Operating speed: up to 12,000 rpm (forward)
· 3 each, irrigation tubing separate

ROUND BURS

4.5

4.5 mm Round Bur, High-Speed
1884560HS

· 12.5 cm long with straight shaft
· Operating speed: up to 12,000 rpm (forward)
· 3 each, irrigation tubing separate

3.2

3.2 mm Round Bur, High-Speed
1883262HS

· 12.5 cm long with straight shaft
· Operating speed: up to 12,000 rpm (forward)
· 3 each, irrigation tubing separate

2.9

2.9 mm Pediatric Round Bur
1882960

· 10.0 cm long with straight shaft
· Operating speed: up to 5,000 rpm (forward)
· 5 each, irrigation tubing separate

ROUTER BUR

4.5

4.5 mm Aggressive Router Bur, High-Speed
1884562HS

· 12.5 cm long with straight shaft
· Operating speed: up to 12,000 rpm (forward)
· 3 each, irrigation tubing separate

DRILL BIT

Maxillary Trephination 5.0 mm Drill Bit
1884501

· Developed in conjunction with
  PJ Wormald, MD

ASB CUTTING BUR
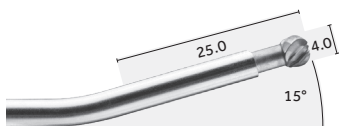
4 mm Anterior Skull Base Cutting Bur*, 15°
1884075HSE

· 15.0 cm long

· Operating speed: up to 12,000 rpm (forward)

· 1 each, irrigation tubing separate

· Developed in conjunction with PJ Wormald, MD, and Aldo Stamm, MD

ASB DIAMOND BURS

5 mm Anterior Skull Base Diamond Bur*, 15°
1885076HSE

· 15.0 cm long

· Operating speed: up to 12,000 rpm (forward)

· 1 each, irrigation tubing separate

· Developed in conjunction with PJ Wormald, MD, and Aldo Stamm, MD
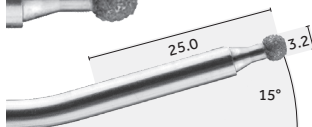
3.2 mm Anterior Skull Base Diamond Bur*, 15°
1883274HSE

· 15.0 cm long

· Operating speed: up to 12,000 rpm (forward)

· 1 each, irrigation tubing separate

· Developed in conjunction with PJ Wormald, MD, and Aldo Stamm, MD

ASB DIAMOND BURS

3.2 mm Anterior Skull Base Diamond Bur*, 40°
1883277HSE

· 15.0 cm long

· Operating speed: up to 12,000 rpm (forward)

· 1 each, irrigation tubing separate

· Developed in conjunction with PJ Wormald, MD, and Aldo Stamm, MD
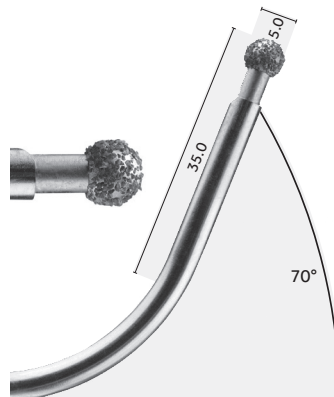
5 mm Anterior Skull Base Diamond Bur*, 70°
1885078HSE

· 13.0 cm long

· Operating speed: up to 12,000 rpm (forward)

· 1 each, irrigation tubing separate

· Developed in conjunction with PJ Wormald, MD, and Aldo Stamm, MD

ROUND DIAMOND BUR

5 mm Curved Round Diamond Bur, High-Speed
1885061HS

- 12.5 cm long with curved shaft
- Operating speed: up to 12,000 rpm (forward)
- 3 each, irrigation tubing separate
- Developed in conjunction with David Kennedy, MD

DCR BURS

4 mm Curved DCR Bur, High-Speed
1884068HS

- 11.0 cm long with curved shaft
- Operating speed: up to 12,000 rpm (forward)
- 3 each, irrigation tubing separate
- Developed in conjunction with Michael Mercandetti, MD

2.5 mm Curved Diamond DCR Bur, High-Speed
1882569HS

- 11.0 cm long with curved shaft
- Operating speed: up to 12,000 rpm (forward)
- 3 each, irrigation tubing separate
- Developed in conjunction with PJ Wormald, MD

SEPTOPLASTY BUR

3.2 mm Septoplasty Bur, High-Speed
1883212HS

- 11.0 cm long with curved shaft
- Operating speed: up to 12,000 rpm (forward)
- 3 each, irrigation tubing separate
- Developed in conjunction with Donald Leopold, MD, and Eileen Raynor, MD

RADENOID™ BLADES
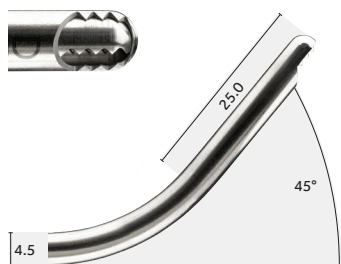
4.5 mm RADenoid™ Adult Blade
1884507

· 13.0 cm long with curved 45° blade

· Operating speed: 1,500 rpm

· 5 each, irrigation tubing separate

· Designed in conjunction with
  Max April, MD, and J. Lindhe Guarisco, MD

4 mm RADenoid™ Blade
1884008

· 11.0 cm long with curved 40° blade

· Operating speed: 1,500 rpm

· 5 each, irrigation tubing separate

· Designed in conjunction with
  Max April, MD, and J. Lindhe Guarisco, MD

TONSILLECTOMY BLADE

4 mm Tonsillectomy Blade
1884013

· 11.0 cm

· 12° blade

· Operating speed: 1,500 rpm

· 5 each, irrigation tubing separate

T&A BLADE SET
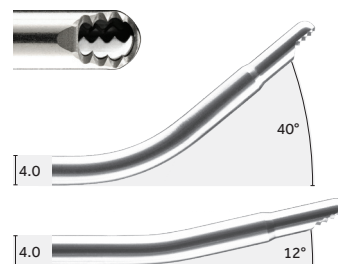
Powered T&A Blade Set
1884008TA

· 13.0 cm

· Removable inner cutting tube

· Operating speed: 1,500 rpm

· 5 each, irrigation tubing separate

· Developed in conjunction with
  Peter J. Koltai, MD

SKIMMER™ BLADES · 360°

2.9 mm Skimmer™ Angle-Tip Blade
1882979HRE

· 13.0 cm long double-curved blade

· Operating speed: 60-500 rpm

· 15°

· 1 each with irrigation tubing

2.9 mm Skimmer™ Angle-Tip Blade
1882925HRE

· 18.0 cm long double-curved blade

· Operating speed: 60-500 rpm

· 15°

· 1 each with irrigation tubing

SKIMMER™ BLADES · 360°

2.9 mm Skimmer™ Angle-Tip Blade
1882923HRE

· 22.0 cm long double-curved blade

· Operating speed: 60-500 rpm

· 15°

· 1 each with irrigation tubing

2.9 mm Skimmer™ Angle-Tip Blade
1882924HRE

· 27.0 cm long double-curved blade

· Operating speed: 60-500 rpm

· 15°

· 1 each with irrigation tubing

TRICUT™ BLADES · 360°

4 mm Tricut™ Angle-Tip Laryngeal Blade
1884030HRE

· 22.0 cm long double-curved blade

· Operating speed: 500-1,200 rpm

· 1 each with irrigation tubing

· Developed in conjunction with William Lunn, MD, and Armin Ernst, MD

Speeds are suggested RPM (revolutions per minute), operated in oscillation mode for blades and (forward) mode for burs.

Measurements are listed in millimeters unless otherwise specified.

TRICUT™ BLADES   360°

**4 mm Tricut™ Angle-Tip
Subglottic Blade**
1884031HRE

· 27.0 cm long double-curved blade

· Operating speed: 500-1,200 rpm

· 1 each with irrigation tubing

· Developed in conjunction with
 William Lunn, MD, and Armin Ernst, MD

TRICUT™ BLADES   360°

**4 mm Tricut™ Angle-Tip
Tracheal Blade**
1884033HRE

· 37.0 cm long double-curved blade

· Operating speed: 500-1,200 rpm

· 1 each with irrigation tubing

· Developed in conjunction with
 William Lunn, MD, and Armin Ernst, MD

TRICUT™ BLADES   360°

**4 mm Tricut™ Angle-Tip
Bronchial Blade**
1884035HRE

· 45.0 cm long double-curved blade

· Operating speed: 500-1,200 rpm

· 1 each with irrigation tubing

· Developed in conjunction with
 William Lunn, MD, and Armin Ernst, MD

SKIMMER™ BLADES

2.9 mm Skimmer™ Angle-Tip Blade
1882925

· 18.0 cm long double-curved blade

· Operating speed: 60-500 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Craig Derkay, MD, and David Darrow, MD

2.9 mm Skimmer™ Angle-Tip Blade
1882923

· 22.5 cm long double-curved blade

· Operating speed: 60-500 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Craig Derkay, MD, and David Darrow, MD

SKIMMER™ BLADES

3.5 mm Skimmer™ Angle-Tip Subglottic Blade
1883524

· 27.5 cm long double-curved blade

· Operating speed: 60-500 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Charles Myer, III, MD; Paul Wilging, MD; Brian Wiatrak, MD; Paul Flint, MD; David Parsons, MD; and John Little, MD

SKIMMER™ BLADES
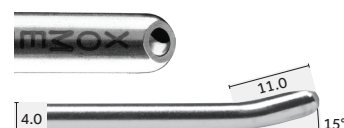
4 mm Skimmer™ Angle-Tip Laryngeal Blade
1884023

· 22.5 cm long double-curved blade

· Operating speed: 60-500 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Charles Myer, III, MD; Paul Wilging, MD; Brian Wiatrak, MD; Paul Flint, MD; David Parsons, MD; and John Little, MD

4 mm Skimmer™ Angle-Tip Subglottic Blade
1884024

· 27.5 cm long double-curved blade

· Operating speed: 60-500 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Charles Myer, III, MD; Paul Wilging, MD; Brian Wiatrak, MD; Paul Flint, MD; David Parsons, MD; and John Little, MD

TRICUT™ BLADES

4 mm Tricut™ Angle-Tip Laryngeal Blade
1884030

· 22.5 cm long double-curved blade

· Operating speed: 1,500 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Paul Flint, MD, and John Little, MD

4 mm Tricut™ Angle-Tip Subglottic Blade
1884031

· 27.5 cm long double-curved blade

· Operating speed: 1,500 rpm

· 3 each with irrigation tubing

4 mm Tricut™ Straight-Tip Laryngeal Blade
1884020

· 22.5 cm long

· Operating speed: 1,200 rpm

· 3 each with irrigation tubing

· Developed in conjunction with Paul Flint, MD, and John Little, MD

SERRATED BLADES

4 mm Serrated Angle-Tip Tracheal Blade
1884033

· 37.0 cm long

· Operating speed: 1,200 rpm

· 1 each with irrigation tubing

· Developed in conjunction with Paul Flint, MD

2.9 mm Serrated Angle-Tip Blade
1882936E

· 18.0 cm long double-curved blade

·· Operating speed: 500-1,500 rpm

· 1 each with irrigation tubing

2.9 mm Serrated Angle-Tip Blade
1882937E

· 22.0 cm long double-curved blade

· Operating speed: 500-1,500 rpm

· 1 each with irrigation tubing

TRACHEAL BLADE

4 mm Straight Tracheal Blade
1884032

· 37.0 cm long

· Operating speed: 1,200 rpm

· 1 each with irrigation tubing

· Developed in conjunction with Paul Flint, MD, and John Little, MD

ENDOSCOPY
PRODUCTS

37

Medtronic

ENT Slide-On™ EndoSheath™ System

ENT Slide-On™ EndoSheath™ System

The EndoSheath System provides a sterile, disposable microbial barrier for use with flexible ENT scopes. It is indicated for endoscopic exams performed with a manufacturer-specific flexible nasopharyngoscope.
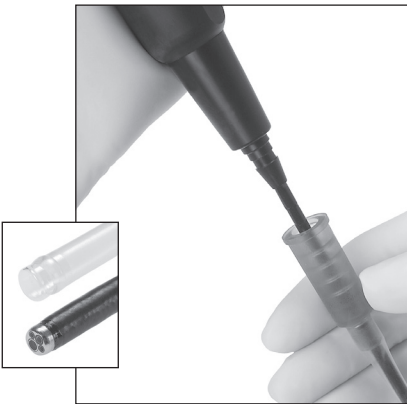
ENT Slide-On™ EndoSheath™ System with Working Channel
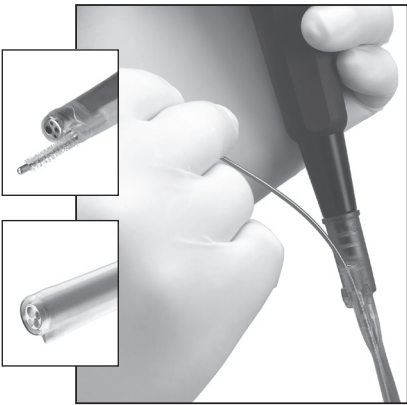
Slide-On™ Sensory Sheath for Flexible ENT Scopes

Biopsy Forceps

Product	Description	Qty
SU111304F	Disposable Laryngeal Biopsy Forceps, 40 cm	10

Slide-On™ EndoSheath™ System Selection Guide

Make	Model	ENT Sheath	ENT Channel	ENT Sensory	TNE
Olympus™	ENF-P2	224301	334301		
Olympus	ENF-P3	224301	334301		
Olympus	ENF-P4	224401	334401	444401	
Olympus	ENF-GP	224401	334401	444401	
Olympus	ENF-XP	224101			
Olympus	ENF-V	224501			
Olympus	ENF-V2	226401			
Olympus	ENF-VQ	225501			
Pentax™	FNL-10P2	225401	335401	445401	
Pentax	FNL-10S	225401	335401	445401	
Pentax	FNL-10BS	225401	335401	445401	
Pentax	FNL-13S	222401	332401		
Pentax	VNL-1330	222401	332401		
Pentax	FNL-7RP3	224101			
Pentax	FNL-10RP2		335401		
Pentax	FNL-10RP3	225401	335401	445401	
Pentax	VNL-1130	225501			
Pentax	VNL-1190STK	225501			
Pentax	VNL-1170K	225501			
Pentax	VNL-1070STK	226401	336401		
Pentax	FNL-10RBS	225401	335401	445401	
Machida™	ENT-3L	225301			
Machida	ENT-4L	222401	332401		
Machida	ENT-2L	222101			
Machida	ENT-30PIII	225301			
Medtronic	1880500	225401	335401	445401	
Optim™	ENTity	224401		444401	
Optim	ENTity SD	225101			
Optim	ENTity XL	224401		444401	
Optim	ENTity SDXL	225101			
Optim	ENT 3.6F	224401			
Karl Storz™	11101RP	226301			
Karl Storz	11101RP-1	226401	336401	445401	
Karl Storz	11101RP2	226401	336401		
Karl Storz	11101SK1	226101			
Welch Allyn™	RL-150	225401	335401	445401	
Gyrus ACMI™	Duraview OL-1	225301			
Gyrus ACMI	800-600	225401		445401	
Vision Sciences™	ENT-5000	225601	335601	445601	
Vision Sciences	ENT-4500	225101			
Vision Sciences	ENT-4000	225601	335601	445601	
Vision Sciences	ENT-3000	225401	335401	445401	
Vision Sciences	ENT-2000	225401	335401	445401	
Vision Sciences	ENT-1000	225101			
Vision Sciences	E-F100*	225301			
Vision Sciences	TNE-5000, 1.5 mm				035102
Vision Sciences	TNE-2000, 1.5 mm				032101
Xion™	EV-N	225501			
Xion	EF-NS	226401	336401		
Xion	EV-NE	222401	332401		
Xion	EV-NC			444401	
Richard Wolf	7224.001		335401	445401	
Richard Wolf	7224.001 S02		335401	445401	

* Requires use of catalog number 021106, E-F100 Slide-On™ Endosheath™ Adapter

Medtronic Sinuscopes

- Built-in wide angle field of view of 0°, 30°, 45°, and 70° endoscopes
- Flash autoclaving produces a sterile scope and provides an alternative to soak solutions
- Color-coded for identification
- HD-compatible

Product	Diameter	Length	DOV	FOV	Color	Qty
31.0810a	2.7 mm	187.5 mm	0°	97°	Green	1
31.0811a	2.7 mm	187.5 mm	30°	87°	Red	1
31.0801a	4 mm	175 mm	0°	102°	Green	1
31.0802a	4 mm	175 mm	30°	100°	Red	1
31.0803a	4 mm	175 mm	70°	102°	Yellow	1
31.0809a	4 mm	175 mm	45°	95°	Black	1
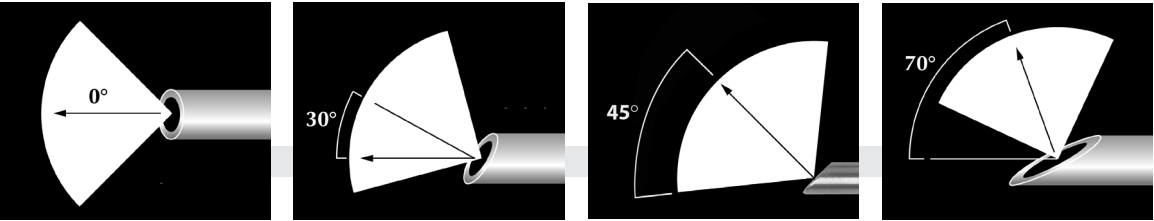
Endo-Scrub™ 2 Lens Cleaning System Accessories

Product	Description	Qty
1852000	Endo-Scrub 2 Footswitch	1
1991015	Endo-Scrub Fingerswitch	1
1912030	Endo-Scrub 2 Tubing	5

Endoscopy Products

Endo-Scrub™ 2 Sheaths

Item No.	Size	Angle	Compatible Scopes	Qty
1912023	2.7 mm	0°	Karl Storz™, 27018A	5
1912002	4 mm	0°	Karl Storz, 7200A	5
1912000	4 mm	0°	Karl Storz, 7230AA	5
1912012	4 mm	30°	Karl Storz, 7200B	5
197230BVA	4 mm	30°	Karl Storz, 7230BVA	5
1912010	4 mm	30°	Karl Storz, 7230BA	5
1912013	4 mm	45°	Karl Storz, 7210FA	5
197230FLA	4 mm	45°	Karl Storz, 7230FLA	5
1912013	4 mm	45°	Karl Storz, 7230FA	5
197230CRA	4 mm	70°	Karl Storz, 7230CRA	5
197230CVA	4 mm	70°	Karl Storz, 7230CVA	5
1912020	4 mm	70°	Karl Storz, 7230CA	5
1912050	4 mm	0°	Linvatec™, HD4000R	5
1912051	4 mm	30°	Linvatec, HD4300R	5
1912051	4 mm	30°	Linvatec, QL4300R	5
1912023	2.7 mm	0°	Medtronic, 1880160	5
1912027	2.7 mm	30°	Medtronic, 1880161	5
1912000	4 mm	0°	Medtronic, 1880152	5
1912010	4 mm	30°	Medtronic, 1880153	5
1912015	4 mm	45°	Medtronic, 1880155	5
1912020	4 mm	70°	Medtronic, 1880154	5
1912032	4 mm	0°	Olympus™, A7594A	5
1912033	4 mm	0°	Olympus, A70940A	5
1912038	4 mm	0°	Olympus, WA96200A	5
1912031	4 mm	30°	Olympus, A7595A	5
1912034	4 mm	30°	Olympus , A70941A	5
1912039	4 mm	30°	Olympus, WA96201A	5
1912036	4 mm	45°	Olympus, WA96203A	5
1912035	4 mm	70°	Olympus, A70942A	5
1912037	4 mm	70°	Olympus, WA96205A	5
1912008	4 mm	0°	Richard Wolf, 888.0431	5
1912008	4 mm	0°	Richard Wolf, 585412	5
1912018	4 mm	25°	Richard Wolf, 8475.42	5
1912019	4 mm	25°	Richard Wolf, 8885.433	5
1912019	4 mm	25°	Richard Wolf, 8880.433	5
1912024	2.7 mm	0°	Smith & Nephew™, 23-0853	5
1912028	2.7 mm	30°	Smith & Nephew, 23-0854	5
1912004	4 mm	0°	Smith & Nephew, 23-0850	5
1912004	4 mm	0°	Smith & Nephew, 70230910	5
1912014	4 mm	30°	Smith & Nephew, 23-0851	5
1912040	4 mm	0°	Stryker™, 502-477-011	5
1912041	4 mm	30°	Stryker, 502-477-031	5
1912042	4 mm	45°	Stryker, 502-477-045	5
1912043	4 mm	70°	Stryker, 502-477-071	5

Note: All 0° sheaths are packaged with tubing. Tubing may be purchased separately if a 0° sheath is not being used.

ENT
NAVIGATION
SOLUTIONS

Medtronic

StealthStation™ ENT Navigation System

Product	Description	Qty
9735669KIT	StealthStation™ ENT Navigation System with Power Pack	1

StealthStation FlexENT™ Navigation System

CART CONFIGURATIONS

Ordering Code	FLEXCARTFLAT	FLEXCARTSIDESTAND	FLEXCARTSIDECLAMP
Flat Emitter	✔		
Side Emitter		✔	✔
Emitter Stand		✔	
Bedrail Clamp			✔

DESKTOP CONFIGURATIONS

Ordering Code	FLEXDESKFLAT	FLEXDESKSIDESTAND	FLEXDESKSIDECLAMP
Flat Emitter	✔		
Side Emitter		✔	✔
Emitter Stand		✔	
Bedrail Clamp			✔

9736226 – StealthStation FlexENT™ Software License
9736227 – Planning, Annotations and Virtual Endoscopy
9736155 – StealthMerge™ Software
9735742 – Stealth™ 3D Software

Product Codes may vary if ordered standalone or in a kit. Please confirm the correct product code for your site with your Medtronic Representative.

Reusable Standard Instrument Set

Product	Description	Qty
9733452XOM	Reusable Standard Instrument Set	1
Set Includes:		
9733445	Head Frame Kit	1
9733446	Registration Probe	1
9733447	Straight Probe	1
9733449	Straight Suction	1
9733450	Curved Suction, 70°	1
9733451	Curved Suction, 90°	1
9733448	Ostium Seeker	1
9733455	Instrument Tray	1
960363	Strap, ENT FESS	3
9732500XOM	Adhesive Pad	25
9732501XOM	Silicone Pad	3
9732379	Imaging Protocol	1
9730713	Sterilization Reference Sheet	1

9733450

9733446

9733447

The Medtronic family of navigation systems (StealthStation™ ENT, Fusion™ and FUSION™ Compact) will work with the instrument sets, balloons, suctions and blades listed on these pages.

Supplemental Instrument Set

Product	Description	Qty
9734378XOM	Supplemental Instrument Set	1

Set Includes:

Product	Description	Qty
9734306	Frontal Suction, 45°	1
9734307	Frontal Suction, 90°	1
9734308	Small Straight Suction	1
9734311	Elevator	1
9733446	Registration Probe	1
9733445	Head Frame Kit	1
9734320	Instrument Tray	1
960363	Strap, ENT FESS	3
9732500XOM	Adhesive Pad	25
9732501XOM	Silicone Pad	3
9732379	Imaging Protocol	1

Optional Accessories

Product	Description	Qty
9735960	Side Emitter	1
9734691XOM	Surgeon Mouse Kit	1
9733533XOM	Instrument Tracker, ENT	1
9733534XOM	Patient Tracker, ENT	1
9734887XOM	AxiEM™ Non-Invasive Patient Tracker	1
9732315	Wireless Mouse Cover, Sterile	15
9731831XOM	Emitter Cover, Sterile	1
9731132	Dynamic Reference (DRF) (EM, Bone Fixation)	5
9732500XOM	Adhesive Pads	25
9734320XOM	Supplemental Instrument Tray	1

9734887XOM

The Medtronic family of Navigation systems (StealthStation ENT, Fusion and Fusion Compact) will work with the instrument sets, balloons, suctions and blades listed on these pages.

IGS Software

Product	Description	Qty
9735736	StealthStation™ ENT Software	1
9735920	StealthStation™ Planning Station ENT Software	1
9736155	StealthMerge™ Software	1
9735742	Stealth™ 3D Software	1

IGS Software Support Program

Product	Description	Qty
SRVC2-9732560XOM2	StealthStation™ ENT Service and Support Agreement	1
SERVICEH5-ENTMCT	StealthStation™ ENT Service Agreement	1
SSH5-SRVCFLEXENT	StealthStation FlexENT™ Navigation System service & support agreement	1
SSH5-SRVCAFLEXENT	StealthStation FlexENT™ Navigation System service & support advanced agreement	1

Planning Station

Product	Description	Qty
9735894KIT	StealthStation™ ENT Planning Station Kit	1

Set Includes:

Product	Description	Qty
9735894	Stealth S8 Planning Station	1
9736009	Power Pack PS Stealth S8 English Only	1

*The Medtronic family of Navigation systems (StealthStation ENT, Fusion and Fusion Compact) will work with the instrument sets, balloons, suctions and blades listed on these pages.

NuVent™ EM Sinus Dilation System
Balloon Dilation with Integrated Navigation

- For use with Medtronic ENT electromagnetic (EM) navigation
- Frontal, maxillary, and sphenoid designs
- 5mm, 6mm, and 7mm balloon size options

Product	Description	Qty
70 Degree Balloons		
1830517FRT70	70 Degree Balloon 5.0mm x 17.0mm	1
1830617FRT70	70 Degree Balloon 6.0mm x 17.0mm	1
1830717FRT70	70 Degree Balloon 7.0mm x 17.0mm	1
Frontal Balloons		
1830517FRT	Balloon Seeker, EM Frontal Balloon 5.0mm x 17.0mm	1
1830617FRT	Balloon Seeker, EM Frontal Balloon 6.0mm x 17.0mm	1
1830717FRT	Balloon Seeker, EM Frontal Balloon 7.0mm x 17.0mm	1
Maxillary Balloons		
1830507MAX	Balloon Seeker, EM Maxillary Balloon 5.0mm x 7.0mm	1
1830607MAX	Balloon Seeker, EM Maxillary Balloon 6.0mm x 7.0mm	1
1830707MAX	Balloon Seeker, EM Maxillary Balloon 7.0mm x 7.0mm	1
Sphenoid Balloons		
1830517SPH	Balloon Seeker, EM Sphenoid Balloon 5.0mm x 17.0mm	1
1830617SPH	Balloon Seeker, EM Sphenoid Balloon 6.0mm x 17.0mm	1
1830717SPH	Balloon Seeker, EM Sphenoid Balloon 7.0mm x 17.0mm	1
Inflator		
183INFKIT	Kit, Inflator	1

NuVent Balloon Package

70 Degree Balloon

Frontal Balloon

Maxillary Balloon

Sphenoid Balloon

Malleable Suction Instruments

- Plug-and-play with Medtronic ENT electromagnetic (EM) navigation
- Multiple lengths, diameters, and tips
- Standard suction design with built-in EM tracker

Product	Description	Qty
9735015	Small standard tip, 14.5 cm	1
9735016	Medium standard tip, 16.5 cm	1
9735017	Medium angle tip, 16.5 cm	1
9735018	Medium ball tip, 16.5 cm	1
9735019	Large standard tip 20 cm	1

9735016

9735017

9735018

Straightshot™ Automated EM Tracking Blades

Product	Description	Qty
1884012EM	RAD™ 12 Curved Rotatable Blade with Automated EM Tracking, 4 mm	1
1884006EM	RAD 40 Curved Rotatable Blade with Automated EM Tracking, 4 mm	1
1884080EM	Tricut™ 13 cm Straight Rotatable Blade with Automated EM Tracking, 4 mm	1
1895522	Irrigation Tubing	5
1883080EM	Quadcut™ Straight Rotatable Blade with Automated EM Tracking, 3.0 mm	1
1883480EM	Quadcut Straight Rotatable Blade with Automated EM Tracking, 3.4 mm	1
1884380EM	Quadcut Straight Rotatable Blade with Automated EM Tracking, 4.3 mm	1

1884080EM

IGS Instructional Literature

Product	Description	Qty
9732379	Imaging Protocol Sheet	1

NERVE
MONITORING
EQUIPMENT

49

Medtronic

NIM Vital™ Nerve Monitoring System

NIM Vital™ Nerve Monitoring System

System Requirements

Product	Description	Qty
NIM4CM01	NIM Vital Console	1
1897821	Console Power Cord North America, 6 meters	1
NIM4CPB1	NIM Vital Patient Interface 4 Channel	1
NIM4CPB2	NIM Vital Patient Interface Cable	1

Accessories

Product	Description	Qty
NIM4CAM1	NIM Vital Mute Probe Adaptor	1
NIM4CAD400	NIM Incrementing Probe Adaptor	1
NIM4CC01	NIM Vital Cart	1
NIM4CD01	Wireless Display	1
NIM4CC02	NIM Vital Printer Power Isolator 100-120V Power Isolator for Printer	1
NIM4CB01	NIM Vital Console Battery	1
NIM4CFU1	NIM Vital Console Fuse Kit	1
8253075	NIM 3.0 INTFC 32MA Fuse Kit	1
8220325	NIM Muting Probe	1
8253600	Patient Simulator, Universal	1

NIM Vital™ Nerve Monitoring System compatible printers

- Samsung Xpress m2020w Wireless Black-and-White laser printer

- HP Officejet 200 Mobile Printer Wireless Color Inkjet printer

- Samsung Xpress C430W

NIM-Response™ 3.0 Nerve Monitoring System Accessories

Product	Description	Qty
8253200	Patient Interface Box, 4-Channel	1
8253600	Patient Simulator, Universal	1
8220325	NIM Muting Probe	1
1897821	Power Cord - North America, 6 meter	1

Includes one choice of a User Guide:

Product	Description	Qty
8253050A	User Guide, EN, SP, FR, PO, GR	1
8253062	Service Manual	1

8253200

Accessories

Product	Description	Qty
8253010	Surgeon Mini Screen (Includes cable)	1
8253080	Cable to Surgeon Mini Screen (Replacement)	1
8253020	NIM 3.0 System Cart	1
8253030	Keyboard, Medical Grade	1
8253035	Storage Case	1
8253040	Biomed Test Kit, Universal	1
8253070	Fuse Kit - Mainframe, 2.5 AMP	1
8253075	Fuse Kit - Patient Interface, 32MA	1
8253085	Video/Audio Recording Adapter Kit	1

8253020

Printer Accessories

Product	Description	Qty
8253251	Ink Cartridge 8253251 Canon 250 PGBK XL	1
8253252	Ink Cartridge 8253252 Canon 251 BK XL	1
8253253	Ink Cartridge 8253253 Canon 251 GY XL	1
8253254	Ink Cartridge 8253254 Canon 251 CMY XL	1

Nerve Monitoring Equipment

NIM-Neuro™ 3.0

NIM-Neuro™ 3.0 Nerve Monitoring System

8-Channel Monitor

System Requirements

Product	Description	Qty
8253402	Mainframe, NIM-Neuro 3.0, International	1
8253410	Patient Interface Box, 8-Channel	1
8253600	Patient Simulator, Universal	1
8220325	NIM Muting Detector Probe	1
1897821	Power Cord - North America, 6 meter	1

Includes one choice of a User Guide:

Product	Description	Qty
8253050A	User Guide, EN, SP, FR, PO, GR	1
8253062	Service Manual	1

8253402

Accessories

Product	Description	Qty
8253010	Surgeon Mini Screen (includes cable)	1
8253080	Surgeon Mini Screen Cable (replacement)	1
8253015	Microscope Cable	1
8253020	NIM 3.0 System Cart	1
8253030	Keyboard, Medical Grade	1
8253035	Storage Case	1
8253040	Biomed Test Kit, Universal	1
8253070	Mainframe Fuse Kit, 2.5 AMP	1
8253075	Patient Interface Fuse Kit, 32MA	1
8253085	Video/Audio Recording Adapter Kit	1

8253410

Printer Accessories

Product	Description	Qty
8253251	Ink Cartridge 8253251 Canon 250 PGBK XL	1
8253252	Ink Cartridge 8253252 Canon 251 BK XL	1
8253253	Ink Cartridge 8253253 Canon 251 GY XL	1
8253254	Ink Cartridge 8253254 Canon 251 CMY XL	1

8253020

NIM TriVantage™ EMG Endotracheal Tube

- • Recording electrode leads are twisted pair
- • Packaged sterile with one green and one white subdermal needle
- • Single use

Product	ID	OD	Qty
8229705	5.0 mm	6.5 mm	1
8229706	6.0 mm	8.2 mm	1
8229707	7.0 mm	9.5 mm	1
8229708	8.0 mm	10.7 mm	1
8229709	9.0 mm	12.0 mm	1
8229735	5.0 mm	6.5 mm	3
8229736	6.0 mm	8.2 mm	3
8229737	7.0 mm	9.5 mm	3
8229738	8.0 mm	10.7 mm	3
8229739	9.0 mm	12.0 mm	3

NIM Contact™ EMG Reinforced Endotracheal Tube

- ▪ Recording electrode leads are twisted pair
- ▪ Packaged sterile with one green and one white subdermal needle
- ▪ Single use

Product	ID	OD	Qty
8229506	6.0 mm	9.0 mm	1
8229507	7.0 mm	10.5 mm	1
8229508	8.0 mm	11.5 mm	1

NIM™ EMG Reinforced Endotracheal Tube

- ▪ Recording electrode leads are twisted pair
- ▪ Packaged sterile with one green and one white subdermal needle
- ▪ Single use

Product	ID	OD	Qty
8229306	6.0 mm	8.8 mm	1
8229307	7.0 mm	10.2 mm	1
8229308	8.0 mm	11.3 mm	1

All measurements in millimeters.
ID = Inner Diameter, OD = Outer Diameter

Nerve Monitoring Equipment

Incrementing Probe*

- Individual sterile packages
- Single use

Product	Description	Qty
8225825	Prass Standard Tip	3
8225490	Ball Tip, 1 mm	3

Standard Prass Flush-Tip Monopolar Stimulator Probe

- Individual sterile packages
- Single use

Product	Description	Qty
8225101	Probes (Tips and Handles)	5
8225110	Tips Only	10
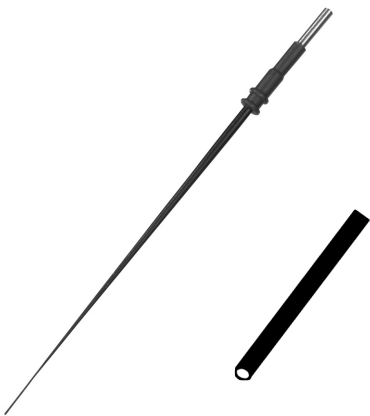
* For use with NIM-Response™ and NIM-Neuro™ models 2.0 or later.

Yingling Flex Tip Monopolar Stimulator Probe

- Packaged sterile with one green subdermal electrode
- Single use

Product	Description	Qty
8225251	Tips and Handles	5

Ball-Tip Monopolar Stimulator Probe

- Sterile, single use

Product	Description	Qty
8225275	Tip and Handle, 1.0 mm	1
8225277	Tips Only, 1.0 mm	10
8225276	Tip and Handle, 2.3 mm	1
8225278	Tips Only, 2.3 mm	10

Monopolar Probe Handles

- Individual sterile packages
- Single use

Product	Description	Qty
8225051	Handles	10

Nerve Monitoring Equipment

Prass Bipolar Stimulator Probe

- Sterile, single use

Product		Qty
8225451	Probes	5

Concentric Bipolar Stimulating Probe

- Sterile, single use

Product		Qty
8225351	Probes	5

Side-by-Side Bipolar Stimulating Probe

- Sterile, single use

Product	Description	Qty
8225401	Probes	5
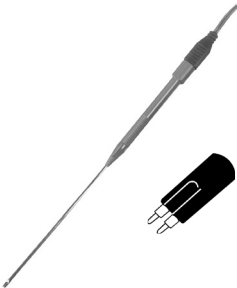
APS™ (Automatic Periodic Stimulation) Electrode*

- Sterile, single use

Product	Description	Qty
8228052	2 mm, Size Range 2 mm to 3 mm	1
8228053	3 mm, Size Range 3 mm to 4 mm	1

Stim Bur Guard**

- Sterile, single use

Product	Description	Qty
3318601	With Irrigation	1 each
3318602	Without Irrigation	1 each

*For use with NIM-Response™ 3.0 and NIM-Neuro™ 3.0 models only.

**For use with NIM™ models 2.0 and later, the Visao™ High-Speed Otologic Drill and Integrated Power Console (IPC™) System.

EMG Hookwire Electrodes

▪ Sterile, single use

Product	Description	Qty
8226626	Single Electrodes, 25 mm	6
8226326	Paired Electrodes, 25 mm	1 set
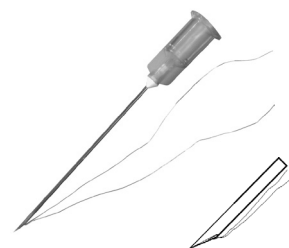
Subdermal Needle Electrodes

▪ Packaged with one green and one white subdermal electrode
▪ Sterile, single use

Product	Description	Qty
8227103	2-Channel, 12 mm	6
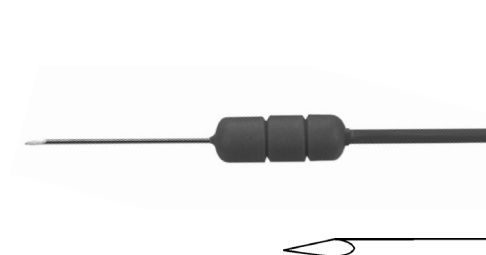
Bulk-Packed Subdermal Electrodes

▪ Packaged in 25 of one color or a mix of colors
▪ Sterile, lancet-tip needle electrodes
▪ Available in ten different colors
▪ 12.0 mm needle electrodes with 5 ft. long wire

Product	Description	Qty
8227130	Needle Electrodes, Red	25
8227131	Needle Electrodes, Yellow	25
8227132	Needle Electrodes, Blue	25
8227133	Needle Electrodes, Violet	25
8227134	Needle Electrodes, Green	25
8227135	Needle Electrodes, Black	25
8227137	Needle Electrodes, White	25
8227139	Needle Electrodes, Gray	25
8227140	Needle Electrodes, Mixture 1	25
	includes 5 red, 5 blue, 5 green, 5 white, 5 yellow	
8227141	Needle Electrodes, Mixture 2	25
	includes 5 black, 5 gray, 5 orange, 5 violet, 5 brown	

Subdermal Needle Twisted Pair Electrode Set

- Packaged with one green and one white subdermal electrode
- Sterile, single use

Product	Description	Qty
8227421	4-Channel, 22 mm	1 set
8227422	8-Channel, 22 mm	1 set

Paired Subdermal Electrodes

- Packaged with one green and one white subdermal electrode
- Sterile, single use

Product	Description	Qty
8227410	2-Channel, 12 mm	1 set
8227411	4-Channel, 12 mm	1 set
8227412	8-Channel, 12 mm	1 set
8227465	Mix 1: Red, Blue, Orange, Violet, Gray	25
8227466	Mix 2: Yellow, Green, Tan, Black, White	25
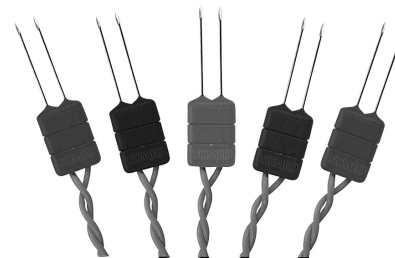
2.5 mm

Prass Paired Electrodes

- Packaged with one green and one white subdermal electrode
- Sterile, single use

Product	Description	Qty
8227304	2-Channel, 18 mm, 1 M Cable	5 sets
8227301	2-Channel, 25 mm, 1 M Cable	5 sets
8227307	2-Channel, 38 mm, 1 M Cable	5 sets
8227500	4-Channel, 18 mm, 2 M Cable	1 set
8227505	4-Channel, 25 mm, 2 M Cable	1 set
8227510	2-Channel, 18 mm, 2 M Cable	5 sets

5 mm
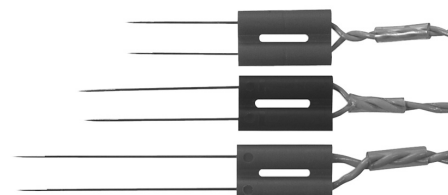
Prass Paired Electrodes with Small Hub

- Sterile, single use

Product	Description	Qty
8227414	2-Channel, 12.5 mm	5 sets
8227415	4-Channel, 12.5 mm	5 sets
8227418	2-Channel, 18.0 mm	5 sets
8227419	4-Channel, 18.0 mm	5 sets

2.5 mm

Nerve Monitoring Equipment
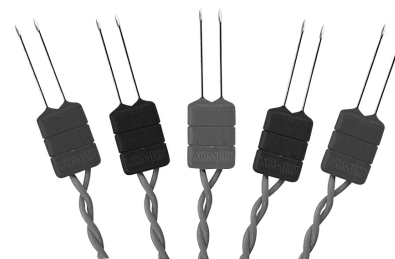
Stimulus Dissection Instrument Set

Product		Qty
1352401	Curved Needle	1
1352402	Elevator	1
1352413	Ring Dissector, 2.0 mm, Regular	1
1352415	Cable, 9 ft	1
1352407	Storage Case	1

1352401

1352402

1352413

1352407
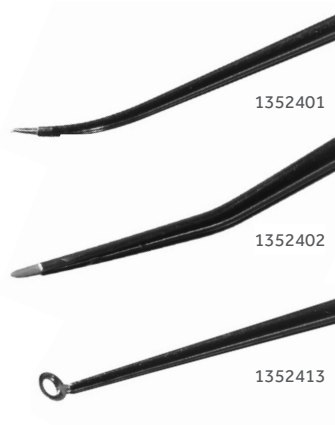
Neurotologic Stimulus Dissection Instrument Set

Product	Description	Qty
1353401	Right Angled Pick, Short	1
1353402	Right Angled Pick, Long	1
1353403	Curved Needle	1
1353404	Duck Bill Elevator, Medium	1
1353405	Duck Bill Elevator, Wide	1
1353407	Round Knife, 4.0 mm	1
1353408	Round Knife, 5.0 mm	1
1352415	Cable, 9.0 ft	1
1352407	Storage Case	1

1353401

1353402

1353402

1353404

1353405

1353407

1352407

Nerve Monitoring Equipment

Large Crabtree

Product	Description	Qty
1352410	Large Crabtree, 3.0 mm	1

1352410

Vari-Stim™ III Hand-Held Nerve Locator/Stimulator

- Battery-powered, single use
- Individual sterile packages

Product	Description	Qty
8562010	Vari-Stim Stimulators	10

PTEYE PARATHYROID
DETECTION SYSTEM

Medtronic

PTeye™ Parathyroid Detection System

System Requirements

Item Number	Description	Qty
PT102	PTeye™ Basic Bundle	
PTeye	PTeye™ Console	1EA
PTeye - 2	PTeye™ Foot pedal	1EA
PTeye - 3	PTeye™ Power supply	1EA
PTeye - 4	PTeye™ Power cord 125 V (US)	1EA
PTeye -1	PTeye™ Single Use Probe	1EA

PTeye System

VENTILATION TUBES AND MYRINGOTOMY ACCESSORIES

Medtronic

Dimensions

All dimensions are approximate and subject to normal manufacturing variance.

All measurements are listed as millimeters.
ID = Inner Diameter
IFD = Inner Flange Diameter
OFD = Outer Flange Diameter
IFDis = Interflange Distance
L = Length
FL = Flange Length
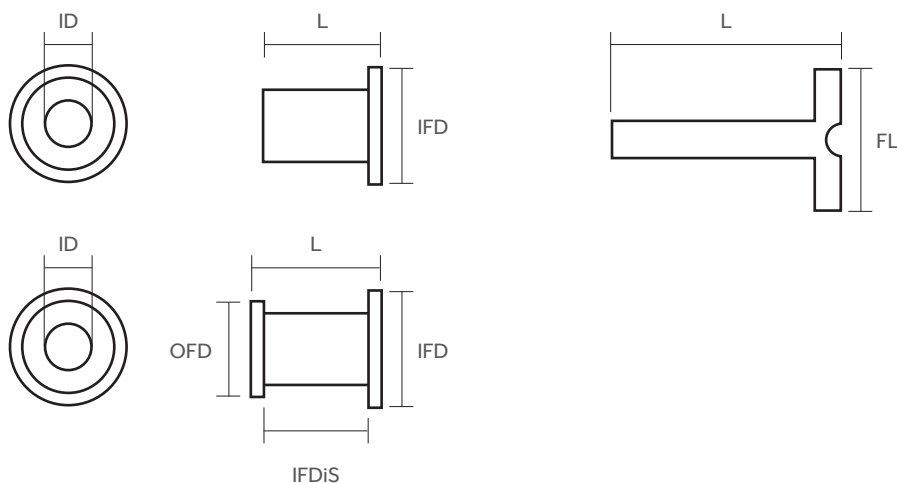
Armstrong Beveled Grommets

Designed by Beverly W. Armstrong, MD, Charlotte, NC

Material	Feature	Color	RT	Qty	ID	IFD	Product
Microgel™	Tab	Green	INT	5	1.14	3.5	25501
Microgel	Tab	Green	INT	5 pairs	1.14	3.5	25502
FLPL		Green	INT	5	1.14	3.5	1010030
FLPL		Green	INT	50	1.14	3.5	1010031
Silicone		Green	INT	5	1.14	3.5	1010055
Silicone		Green	INT	50	1.14	3.5	1010056
Silicone	Tab	Green	INT	5	1.14	3.5	24502
Firm Silicone	Tab	Green	INT	5	1.14	3.5	24501
H/C-Flex™		Sea Green	INT	5	1.14	3.5	1056032
H/C-Flex		Sea Green	INT	5 pairs	1.14	3.5	1066032
H/C-Flex		Sea Green	INT	50	1.14	3.5	1076032
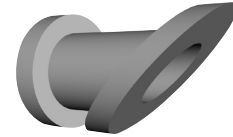
Armstrong Beveled Grommets, Modified

Designed by Beverly W. Armstrong, MD, Charlotte, NC

Material	Color	RT	Qty	ID	IFD	Product
Microgel™	Blue	INT	5	1.14	3.5	1081101
FLPL	Green	INT	5	1.14	3.5	1010170
FLPL	Green	INT	5 pairs	1.14	3.5	1040045
FLPL	Green	INT	50	1.14	3.5	1010171
FLPL	White	INT	5	1.14	3.5	1014242
FLPL	White	INT	5 pairs	1.14	3.5	1040024
FLPL	White	INT	50	1.14	3.5	1014243
FLPL	White	INT	5	1.14	3.5	14421
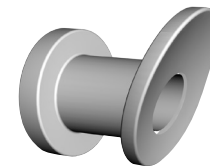
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Armstrong Beveled Straight Shanks

Designed by Beverly W. Armstrong, MD, Charlotte, NC

Material	Color	RT	Qty	ID	IFD	L	Product
FLPL	Green	ST	5	1.14	2.50	7.00	1010000
Silicone	Green	ST	5	1.14	2.50	7.00	1010040

Armstrong V Grommets

Designed by Beverly W. Armstrong, MD, Charlotte, NC

Material	Color	RT	Qty	ID	IFD	Product
H/C-Flex™	Sea Green	ST	5	1.14	2.1	1056033
H/C-Flex	Sea Green	ST	5 pairs	1.14	2.1	1066033
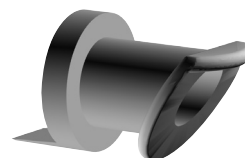
Armstrong V Tubes

Designed by Beverly W. Armstrong, MD, Charlotte, NC

Material	Color	RT	Qty	ID	L	Product
FLPL	White	INT	5	1.14	4.50	1056121
FLPL	White	INT	5 pairs	1.14	4.50	1066121
H/C Flex™	Sea Green	INT	5	1.14	4.50	1056031
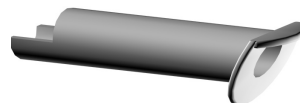
Baxter Beveled Buttons

Designed by David Baxter, RN, Boston, MA

Material	Color	RT	Qty	ID	IFD	L	Product
FLPL	White	ST	5	0.97	2.3	1.6	14621
FLPL	White	ST	5 pairs	0.97	2.3	1.6	14622
FLPL	White	INT	5	1.27	3.0	2.1	14611
FLPL	White	INT	5 pairs	1.27	3.0	2.1	14612
Firm Silicone	Green	ST	5	1.27	2.6	2.1	24631

RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Baxter Beveled T-Grommets

Designed by David Baxter, RN, Boston, MA

Material	Color	RT	Qty	ID	FL	L	Product
Firm Silicone	Green	LT	5	1.27	9.5	3.0	24651
Firm Silicone	Green	LT	5 pairs	1.27	9.5	3.0	24652

Beveled Bobbins

Material	Color	RT	Qty	ID	Product
FLPL	White	ST	5	1.14	1056179

Cohen T-Grommets

Designed by Richard Cohen, MD, Grants Pass, OR

Material	Color	RT	Qty	ID	FL	Product
Firm Silicone	Green	LT	5	1.14	9.1	24701

Donaldson-Type Tubes

Material	Feature	Color	RT	Qty	ID	IFD	IFDis	Product
FLPL		Blue	ST	5	1.14	2.3	0.90	1015101
Silicone		Green	ST	5	1.14	2.3	0.90	1013020
Silicone		Green	ST	50	1.14	2.3	0.90	1013021
Silicone	Tab	Green	ST	5	1.14	2.3	0.90	1013015
C-Flex™		Sea Green	ST	5	1.14	2.3	0.76	1056010
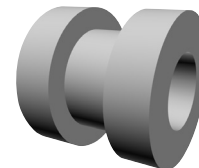
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Goode T-Grommets

Endorsed by Richard L. Goode, MD, Palo Alto, CA

Material	Color	RT	Qty	ID	FL	IFDis	Product
Silicone	Green	LT	5	1.27	8.5	2.50	1016020

Goode T-Tubes™

Designed by Richard L. Goode, MD, Palo Alto, CA

Material	Color	RT	Qty	ID	FL	L	Product
Microgel™ Silicone	Blue	LT	5	1.14	9.8	12.0	1087701
Silicone	Green	LT	5	1.14	9.5	12.0	1016010
Silicone	Green	LT	5 pairs	1.14	9.5	12.0	1040001
Silicone	Green	LT	50	1.14	9.5	12.0	1016011
Firm Silicone	Green	LT	5	1.14	6.0	6.0	24751
Firm Silicone	Green	LT	5 pairs	1.14	6.0	6.0	24752
Firm Silicone	Green	LT	5	1.14	9.5	12.0	1016035
C-Flex™	Sea Green	LT	5	1.14	6.5	6.0	1056016
C-Flex	Sea Green	LT	5 pairs	1.14	6.5	6.0	1066016
C-Flex	Sea Green	LT	5	1.14	8.0	9.0	1056019
C-Flex	Sea Green	LT	5	1.14	9.0	12.0	1056015
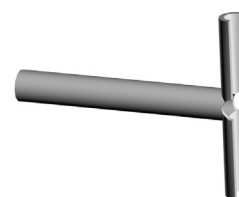
Goode T-Tubes, Modified

Material	Color	RT	Qty	ID	FL	L	Product
Silicone	Green	LT	5	1.27	5.8	6.7	24771
Silicone	Green	LT	5 pairs	1.27	5.8	6.7	24772
Firm Silicone	Green	LT	5	1.27	9.5	4.5	1016040
Firm Silicone	Green	LT	5 pairs	1.27	9.5	4.5	1040002
Firm Silicone	Green	LT	50	1.27	9.5	4.5	1016041
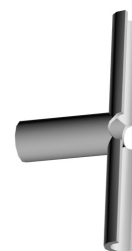
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Hubbard Airplane Tube

Endorsed by Ron Hubbard, MD, Memphis, TN; acknowledgement to Joseph B. Touma, MD, Huntington, WV

Material	Color	RT	Qty	ID	OFD	Product
FLPL	White	ST	5	0.76	2.0	1056170

Moretz Tab Vent Tubes

Endorsed by William H. Moretz, Jr., MD, Augusta, GA

Material	Color	RT	Qty	ID	IFDis	Product
FLPL	White	ST	5	1.27	1.00	1056177
FLPL	White	ST	5 pairs	1.27	1.00	1066177
Microblue Titanium	MicroBlue	ST	5 pairs	1.27	1.00	14642
Tytan™ Titanium	Titanium	ST	5	0.76	1.00	1056108
Tytan Titanium	Titanium	ST	5	1.02	1.00	1056104
Tytan Titanium	Titanium	ST	5	1.27	1.00	1056107
Tytan Titanium	Titanium	ST	5 pairs	1.27	1.00	1066107
H/C-Flex™	Sea Green	ST	5	1.27	0.75	1056705
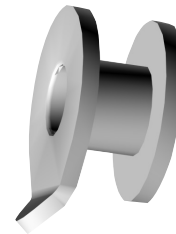
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Paparella-Type Vent Tubes

Designed by Michael M. Paparella, MD, Minneapolis, MN

Material	Feature	Color	RT	Qty	ID	IFD	IFDis	Product
Microgel™	Notch & Tab	Green	ST	5	1.02	2.50	1.00	25441
Microgel	Notch & Tab	Green	ST	50	1.02	2.50	1.00	25443
Microgel		Blue	INT	5	1.14	--	--	1082201
Microgel		Blue	INT	5 pairs	1.14	--	--	1082202
Microgel		Blue	INT	50	1.14	--	--	1082203
FLPL	Tab	White	ST	5 pairs	1.02	2.50	1.00	14521
Silicone	Notch & Tab	Green	ST	5	1.14	2.40	1.10	1025001
Silicone	Notch & Tab	Green	ST	5 pairs	1.14	2.40	1.10	1040006
Silicone	Notch & Tab	Green	ST	50	1.14	2.40	1.10	1025002
Silicone	Notch & Tab	Green	ST	50 pairs	1.14	2.40	1.10	1040019
Silicone	Notch	Green	ST	5	1.14	2.40	1.10	1025005
Silicone	Notch & Tab	Green	INT	5	1.52	4.45	1.15	1025045
Firm Silicone	Notch & Tab	Green	ST	5	1.02	2.50	1.00	24441
Firm Silicone	Notch & Tab	Green	ST	5 pairs	1.02	2.50	1.00	24442
Firm Silicone	Notch	Green	ST	5	1.02	2.50	1.00	24451
Firm Silicone	Notch	Green	ST	5 pairs	1.02	2.50	1.00	24452
C-Flex™	Tab	Sea Green	ST	5	1.02	2.50	1.00	1056005
C-Flex	Tab	Sea Green	ST	5 pairs	1.02	2.50	1.00	1066005

RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Plain Straight Shanks

Material	Color	RT	Qty	ID	IFD	L	Product
FLPL	Blue	ST	5	1.14	2.75	7.00	1019301
FLPL	White	ST	5	1.14	2.10	7.00	1056167
FLPL	White	ST	5	1.14	2.30	12.00	14351
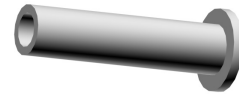
Pope Beveled Grommets

Designed by Thad Pope, MD, Crawfordsville, IN

Material	Feature	Color	RT	Qty	ID	IFD	IFDis	Product
FLPL		Green	INT	5	1.14	3.6	1.3	1025004
FLPL		Green	INT	5 pairs	1.14	3.6	1.3	1040014
FLPL	Dispenser	Green	INT	50	1.14	3.6	1.3	1025007
H/C-Flex		Sea Green	INT	5 pairs	1.14	3.6	1.0	1066036
H/C-Flex	Tail	Sea Green	INT	5 pairs	1.14	3.6	1.0	1066039

RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Reuter Bobbins

Designed by S. Harold Reuter, MD, Houston, TX

Material	Feature	Color	RT	Qty	ID	IFD	IFDis	Product
FLPL	No Holes	White	ST	5	1.02	2.6	1.0	1056162
FLPL	No Holes	White	ST	5	1.02	2.7	1.1	14121
FLPL	No Holes	White	ST	5 pairs	1.02	2.7	1.1	14122
FLPL	No Holes	White	ST	5	1.14	2.7	1.1	14131
FLPL	No Holes	White	ST	5 pairs	1.14	2.7	1.1	14132
FLPL	No Holes	Blue	ST	5	1.14	2.6	1.0	1010201
FLPL	No Holes	Blue	ST	5 pairs	1.14	2.6	1.0	1010202
FLPL	No Holes	Blue	ST	50	1.14	2.6	1.0	1010203
FLPL	Holes & Wire	Blue	ST	5	1.14	2.6	1.0	1010301
Tytan Titanium	No Holes	Microblue	ST	5	1.27	2.7	1.0	16221
Tytan Titanium	No Holes	Microblue	ST	5 pairs	1.27	2.7	1.0	16222
Titanium	Holes	Titanium	ST	5	1.14	2.6	1.0	1027060
Titanium	No Holes	Titanium	ST	5	1.27	2.6	1.0	1027070
Stainless Steel Matte Finish Titanium	Holes	Steel	ST	5 pairs	1.14	2.6	1.0	1027017
Stainless Steel Matte Finish	Holes	Steel	ST	5 pairs	1.14	2.6	1.0	1040004
Stainless Steel	Holes	Steel	ST	5	1.02	2.7	1.0	14401
Stainless Steel	Holes & Wire	Steel	ST	5	1.14	2.6	1.0	1027040
Stainless Steel	Holes	Steel	ST	5	1.14	2.6	1.0	1027015
Stainless Steel		Steel	ST	50	1.14	2.6	1.0	1027016
Stainless Steel	Holes	Steel	ST	5	1.27	2.6	0.5	1027010
Stainless Steel	Holes	Steel	ST	5	1.27	2.7	1.0	14051
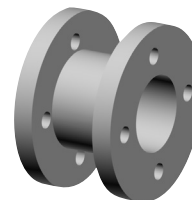
Rube T-Grommet

Designed by William Rubenstein, MD, Houston, TX

Material	Feature	Color	RT	Qty	ID	FL	Product
Firm Silicone	Tab	Green	LT	5	1.14	6.5	24621
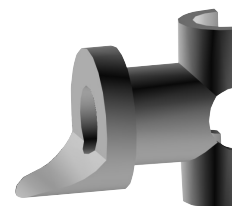
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Shah-Type Ventilation Tubes

Designed by N. Shah, FRCS, DLO, London, England

Material	Feature	Color	RT	Qty	ID	IFDis	Product
FLPL	Mini	White	ST	5	0.76	1.00	14311
FLPL		Blue	ST	5	1.14	1.58	1018100
FLPL	Wire	Blue	ST	5	1.14	1.58	1018101
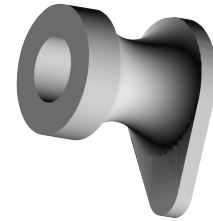
Sheehy-Type Collar Buttons

Designed by James L. Sheehy, MD, Los Angeles, CA

Material	Color	RT	Qty	ID	IFD	IFDis	Product
Microgel™	Blue	ST	5	1.27	2.8	1.32	1083301
Microgel	Blue	ST	5 pairs	1.27	2.8	1.32	1083302
Microgel	Blue	ST	50	1.27	2.8	1.32	1083303
FLPL	White	INT	5	1.27	3.0	1.52	14141
FLPL	White	INT	5 pairs	1.27	3.0	1.52	14142
FLPL	White	INT	5	1.27	3.1	1.50	1056160
FLPL	White	INT	5 pairs	1.27	3.1	1.50	1066160
FLPL	Blue	INT	5	1.27	3.0	1.55	1013301
FLPL	Blue	INT	5 pairs	1.27	3.0	1.55	1013302
FLPL	Blue	INT	50	1.27	3.0	1.55	1013303
Silicone	Green	ST	5	1.27	2.8	1.32	1028145
Silicone	Green	ST	50	1.27	2.8	1.32	1028146
Tytan™ Titanium	Titanium	INT	5	1.27	3.1	1.50	1056114
H/C-Flex™	Sea Green	INT	5	1.27	3.1	1.50	1056037
H/C-Flex	Sea Green	INT	5 pairs	1.27	3.1	1.50	1066037
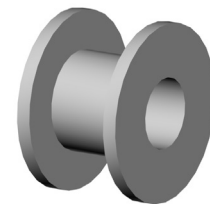
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Shepard Grommets

Designed by Marvin G. Shepard, MD, Dallas, TX

Material	Feature	Color	RT	Qty	ID	IFD	Product
FLPL		White	ST	5	1.02	2.50	1056155
FLPL		White	ST	5	1.14	2.50	1056154
FLPL	Wire	White	ST	5	1.14	2.50	1056157
FLPL		Blue	ST	5	1.02	2.40	1016301
FLPL	Wire	Blue	ST	5	1.02	2.40	1016501
FLPL		Blue	ST	5 pairs	1.14	2.40	1016102
FLPL	Wire	Blue	ST	5	1.14	2.40	1016201
FLPL	Wire	Blue	ST	50	1.14	2.40	1016203
FLPL	Tab	Blue	ST	5	1.14	2.40	1016101
FLPL	Tab	Blue	ST	50	1.14	2.40	1016103
FLPL	Tail	Green	ST	5	1.14	2.40	1028010
FLPL	Tab	Green	ST	5	1.14	2.40	1028015
Silicone	Tail	Green	ST	5	1.14	2.30	1028025
Silicone	Tail	Green	ST	50	1.14	2.30	1028026
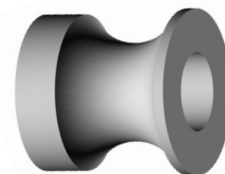
Soileau Tytan™ Titanium Ventilation Tubes

Endorsed by James S. Soileau, MD, Gonzales, LA

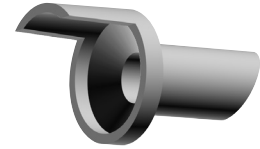| Material	Color	RT	Qty	ID	IFD	Product
Tytan™ Titanium	Titanium	ST	5	1.27	2.75	1056111
Tytan Titanium	Titanium	ST	5 pairs	1.27	2.75	1066111

RT = Residence Time, ST = Short Term (IFD of 0.0–3.0),
INT = Intermediate (IFD of 3.1–4.8), LT = Long Term (IFD of > 4.8)

Spoon Bobbins

Material	Feature	Color	RT	Qty	ID	IFD	Product
Tytan™ Titanium		Titanium	ST	5	1.02	2.70	1056109
Tytan Titanium		Titanium	ST	5	1.27	2.70	1056106
Stainless Steel	Holes	Steel	ST	5 pairs	1.02	2.70	14002
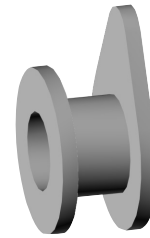
Touma T-Type Grommets

Endorsed by Joseph B. Touma, MD, Huntington, WV

Material	Color	RT	Qty	ID	IFD	Product
C-Flex™	Sea Green	INT	5	1.14	5.0	1056012
C-Flex	Sea Green	INT	5 pairs	1.14	5.0	1066012
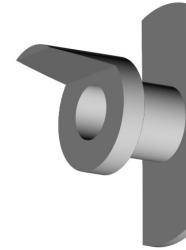
T-Type Vent Tubes

Material	Color	RT	Qty	ID	FL	L	Product
C-Flex™	Sea Green	INT	5	1.14	4.8	6	1056018
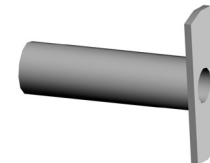
Umbrella Ventilation Tubes

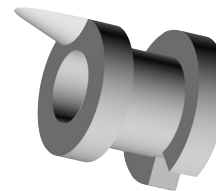| Material	Feature	Color	RT	Qty	ID	IFD	Product
Silicone	Tab	Green	INT	5	1.02	2.26	1016030
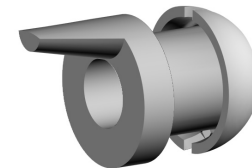
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Venturi™ Style Ventilation Tubes

Material	Feature	Color	RT	Qty	ID	IFD	IFDis	Product
Titanium	Reuter Bobbin	Titanium	ST	5	1.27	2.5	1.0	1070031
Titanium	Reuter Bobbin	Titanium	ST	5 pairs	1.27	2.5	1.0	1070032
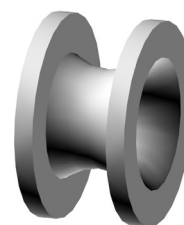
V-T Grommet Ventilation Tubes

Material	Color	RT	Qty	ID	IFD	IFDis	Product
Microgel™	Blue	INT	5	1.27	4.5	1.3	1084401
C-Flex™	Sea Green	INT	5	1.27	4.5	1.3	1002341
C-Flex	Sea Green	INT	50	1.27	4.5	1.3	1064403
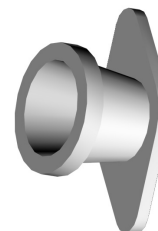
RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8)

Hoffman Permanent Vent Tubes

Material	Feature	Color	RT	Qty	ID	L	Product
FLPL		White	P	5	1.25	13.4	1028081
Titanium with Hydroxylapatite	FLPL Liner	Titanium and White	P	1	1.65	8.3	1028080
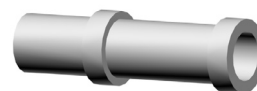
Silverstein Permanent Aeration Tubes (SPAT)

Endorsed by Herbert Silverstein, MD, Sarasota, FL

Material	Feature	Color	RT	Qty	ID	FL	L	Product
Silicone	FLPL Stylet	Blue and White	P	5	1.14	3.5	12	1028065
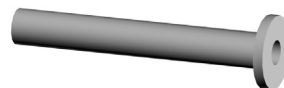
Pediatric Ventilation Tubes

1056101, 1056102, and 1056159 Endorsed by M. Coyle Shea, MD, Memphis, TN
1056108 Endorsed by William H. Moretz, Jr., MD, Augusta, GA

Feature	Material	Color	RT	Qty	ID	IFD	Product
	Microblue™ Titanium	Microblue	ST	5	0.76	2.0	16191
	Tiny Tytan™ Titanium	Titanium	ST	5	0.76	1.5	1056101
	Tytan Titanium	Titanium	ST	5	0.76	2.0	1056102
Moretz Tab	Tiny Tytan Titanium	Titanium	ST	5	0.76	1.5	1056108
Mini Shah	FLPL	White	ST	5	0.76	2.0	14311
	FLPL	White	ST	5	0.76	2.0	1056159
	FLPL	White	ST	5 pairs	0.76	2.0	1066159
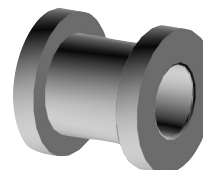
Tympanic Membrane™ Patcher

| Product	Description	Dia	Core Dia	Qty
1416000	Silicone	3 mm	0.9 mm	1
1416010	Silicone	5 mm	1.1 mm	1
1416020	Silicone	7 mm	1.3 mm	1
1416030	Silicone	10 mm	1.4 mm	1

RT = Residence Time, ST = Short Term (IFD of 0.0-3.0),
INT = Intermediate (IFD of 3.1-4.8), LT = Long Term (IFD of > 4.8), P = Permanent

OSSICULAR RECONSTRUCTION
IMPLANTS AND
ACCESSORIES

85

Medtronic

The Big Easy™ Piston

- Double width platinum shaft
- Titanium body
- Depth marker
- Offset piston with angled shaft
- Right and left versions

Product	Description	SD	SL	L	Qty
1156601	Straight, Platinum and Titanium	0.5 mm	1.25 mm	4.00 mm	1
1156602	Straight, Platinum and Titanium	0.5 mm	1.25 mm	4.25 mm	1
1156603	Straight, Platinum and Titanium	0.5 mm	1.25 mm	4.50 mm	1
1156604	Straight, Platinum and Titanium	0.5 mm	1.25 mm	4.75 mm	1
1156611	Left Ear Offset, Platinum and Titanium	0.5 mm	1.25 mm	4.50 mm	1
1156612	Left Ear Offset, Platinum and Titanium	0.5 mm	1.25 mm	4.75 mm	1
1156613	Left Ear Offset, Platinum and Titanium	0.5 mm	1.25 mm	5.00 mm	1
1156621	Right Ear Offset, Platinum and Titanium	0.5 mm	1.25 mm	4.50 mm	1
1156622	Right Ear Offset, Platinum and Titanium	0.5 mm	1.25 mm	4.75 mm	1
1156623	Right Ear Offset, Platinum and Titanium	0.5 mm	1.25 mm	5.00 mm	1

Causse Loop Pistons

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	LID	SD	L	Qty
1156314	Fluoroplastic	0.6 mm	0.4 mm	6.0 mm	1
1156316	Fluoroplastic	0.6 mm	0.6 mm	6.0 mm	1
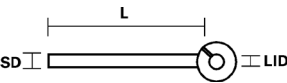
All dimensions are approximate.

LID = Loop Inner Diameter   SD = Shaft Diameter
SL = Shaft Length   L = Length

Causse Large Loop Pistons

- Larger loop inside diameter of 0.8 mm

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	LID	SD	L	Qty
1129015	Fluoroplastic	0.80 mm	0.3 mm	4.5 mm	1
1129020	Fluoroplastic	0.80 mm	0.3 mm	5.0 mm	1
1129030	Fluoroplastic	0.80 mm	0.3 mm	6.0 mm	1
1156241	Fluoroplastic	0.80 mm	0.4 mm	6.0 mm	1
1129040	Fluoroplastic	0.80 mm	0.6 mm	4.0 mm	1
1129045	Fluoroplastic	0.80 mm	0.6 mm	4.5 mm	1
1129050	Fluoroplastic	0.80 mm	0.6 mm	5.0 mm	1
1129055	Fluoroplastic	0.80 mm	0.6 mm	6.0 mm	1
1129065	Fluoroplastic	0.80 mm	0.8 mm	4.5 mm	1
1129070	Fluoroplastic	0.80 mm	0.8 mm	5.0 mm	1

Causse Malleus Loop with Malleable Shaft

- Stainless steel core
- Opening in loop at 2 o'clock position

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	LID	SD	L	Qty
1133191	Fluoroplastic and Stainless Steel	0.86 mm	0.4 mm	12 mm	1
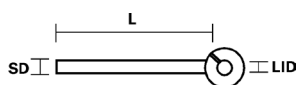
Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

LID = Loop Inner Diameter   SD = Shaft Diameter
SL = Shaft Length   L = Length

House-Type Piston and Wire

- Round wire loop
- Stainless steel piston shaft

Product	Description	SD	SL	L	Qty
1117035	Stainless Steel	0.4 mm	1.6 mm	4.50 mm	1
1117040	Stainless Steel	0.4 mm	1.6 mm	4.75 mm	1
1117045	Stainless Steel	0.4 mm	1.6 mm	5.00 mm	1

Lesinski Platinum and Fluoroplastic Stapedotomy Pistons

Endorsed by S. George Lesinski, MD, Cincinnati, OH

Product	Description	SD	SL	L	Qty
0427	Platinum and Fluoroplastic	0.6 mm	2.0 mm	4.25 mm	1
0428	Platinum and Fluoroplastic	0.6 mm	2.0 mm	4.50 mm	1
0429	Platinum and Fluoroplastic	0.6 mm	2.0 mm	4.75 mm	1

McGee Modified Loop Pistons

- Round loop design with closure tab
- One piece, stainless steel

Endorsed by T. Manford McGee, MD, Detroit, MI

Product	Description	SD	SL	L	Qty
1156210	Stainless Steel	0.5 mm	2.43 mm	3.75 mm	1
1156212	Stainless Steel	0.5 mm	2.43 mm	4.25 mm	1
1156213	Stainless Steel	0.5 mm	2.43 mm	4.50 mm	1
1156214	Stainless Steel	0.5 mm	2.43 mm	4.75 mm	1

Portmann Piston – Clip

- Curved wire clip

Endorsed by Professor Michel Portmann, Bordeaux, France

Product	Description	SD	SL	L	Clip	Qty
1125020	Stainless Steel and Fluoroplastic	0.4 mm	4.00 mm	7 mm	0.5 mm	1
1125025	Stainless Steel and Fluoroplastic	0.4 mm	4.00 mm	7 mm	0.6 mm	1
1125030	Stainless Steel and Fluoroplastic	0.4 mm	4.00 mm	7 mm	0.7 mm	1
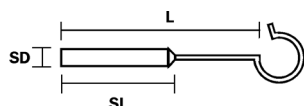
All dimensions are approximate.

SD = Shaft Diameter   SL = Shaft Length   L = Length

Scheer Piston and Wire

▪ Fluoroplastic piston, stainless steel wire

Endorsed by Harold F. Schuknecht, MD

Product	Description	SD	SL	L	Qty
1128190	Stainless Steel and Fluoroplastic	0.6 mm	1.8 mm	5.0 mm	1

Schuknecht-Type Piston and Wire

▪ Fluoroplastic piston, stainless steel wire

Endorsed by Harold F. Schuknecht, MD

Product	Description	SD	SL	L	Qty
1128110	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	3.50 mm	1
1128115	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	3.75 mm	1
1128120	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	4.00 mm	1
1128125	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	4.25 mm	1
1128130	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	4.50 mm	1
1128135	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	4.75 mm	1
1128140	Stainless Steel and Fluoroplastic	0.6 mm	2.7 mm	5.00 mm	1
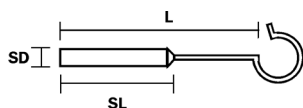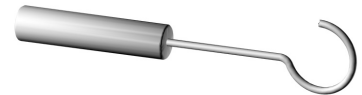
Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SD = Shaft Diameter   SL = Shaft Length   L = Length

Bailey/Pappas Modified Cupped Pistons

- Designed with no hole in shaft
- Polished stainless steel

Endorsed by H. A. Ted Bailey, MD, and James J. Pappas, MD, Little Rock, AR

Product	Description	SD	WD	L	Qty
1156452	Stainless Steel	0.4 mm	1 mm	4.00 mm	1
1156453	Stainless Steel	0.4 mm	1 mm	4.25 mm	1
1156454	Stainless Steel	0.4 mm	1 mm	4.50 mm	1
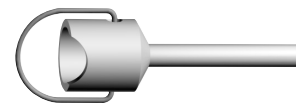
Lippy Modified Cupped Pistons

- Large, deep well
- Polished stainless steel

Endorsed by William N. Lippy, MD, Warren, OH

Product	Description	SD	WD	L	FL	Qty
1133250	Stainless Steel	0.6 mm	1 mm	4.0 mm	3.20 mm	1
1133255	Stainless Steel	0.6 mm	1 mm	4.5 mm	3.70 mm	1
1133260	Stainless Steel	0.6 mm	1 mm	5.0 mm	4.20 mm	1
1133280	Stainless Steel	0.4 mm	1 mm	4.0 mm	3.20 mm	1
1133285	Stainless Steel	0.4 mm	1 mm	4.5 mm	3.70 mm	1
1133290	Stainless Steel	0.4 mm	1 mm	5.0 mm	4.20 mm	1
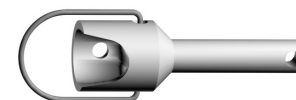
All dimensions are approximate.

SD = Shaft Diameter   WD = Well Diameter   L = Length   FL = Functional Length

Modified Cupped Pistons

- Double notch in cup
- Polished stainless steel

Endorsed by H. A. Ted Bailey, MD, Little Rock, AR

Product	Description	SD	WD	L	FL	Qty
1133372	Stainless Steel	0.4 mm	0.88 mm	4.25 mm	4.02 mm	1
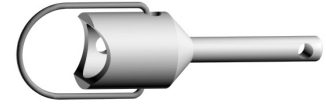
Roberson Stapes Prostheses

- Narrow design and malleable shaft
- Textured bucket surface
- Piston depth gauge

Endorsed by Joseph Roberson Jr., MD, Palo Alto, CA

Product	Description	SD	WD	FL	Qty
1133061	Titanium	0.6 mm	0.9 mm	4.00 mm	1
1133063	Titanium	0.6 mm	1.0 mm	4.00 mm	1
1133064	Titanium	0.6 mm	1.0 mm	4.50 mm	1
1133065	Titanium	0.6 mm	0.9 mm	4.25 mm	1
1133066	Titanium	0.6 mm	1.0 mm	4.25 mm	1
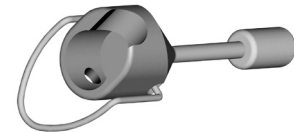
Robinson™ Cupped Pistons

- Cupped piston design
- Polished stainless steel, matte finish well

Endorsed by Mendell Robinson, MD, Providence, RI

Product	Description	SD	WD	FL	Qty
1133001	Stainless Steel	0.6 mm	0.9 mm	4.0 mm	1
1133002	Stainless Steel	0.6 mm	0.9 mm	4.5 mm	1
1133003	Stainless Steel	0.6 mm	1.0 mm	4.0 mm	1
1133004	Stainless Steel	0.6 mm	1.0 mm	4.5 mm	1
1133005	Stainless Steel	0.4 mm	0.9 mm	4.0mm	1
1133007	Stainless Steel	0.4 mm	1.0 mm	4.0 mm	1
1133008	Stainless Steel	0.4 mm	1.0 mm	4.5 mm	1
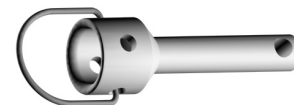
Ossicular Reconstruction Implants and Accessories

All dimensions are approximate.

SD = Shaft Diameter   WD = Well Diameter   L = Length   FL = Functional Length

Robinson™-Moon-Lippy Offset Cupped Pistons

- Offset shaft
- Large, deep well
- Fenestrated
- Polished stainless steel, matte finish well

Endorsed by Mendell Robinson, MD, Providence, RI; Cary N. Moon, Jr., MD; and William N. Lippy, MD, Warren, OH

Product	Description	SD	WD	L	FL	Qty
1133009	Stainless Steel	0.4 mm	1 mm	4.5 mm	3.73 mm	1
1133010	Stainless Steel	0.4 mm	1 mm	5.0 mm	4.24 mm	1

All dimensions are approximate.

SD = Shaft Diameter   WD = Well Diameter   L = Length   FL = Functional Length

Universal Titanium Prostheses

- The Universal Titanium Prosthesis is available in two head designs
- Fenestrated head
- The titanium shaft may be trimmed to length with scissors
- Universal design

Product	Description	Qty
1150000	Universal Titanium Prosthesis, Round Head, with Shoe	1
1150001	Universal Titanium Prosthesis, Cam Head, with Shoe	1

1150001

1150000
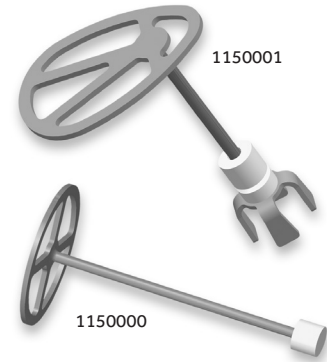
Universal Titanium Prosthesis, Vincent Head, with Shoe

- Dense hydroxylapatite head features a deep, centered groove
- The titanium shaft may be trimmed to length with scissors
- Universal design
- Shoe packaged as a partial; may be trimmed to create a total shoe

Designed by Robert Vincent, MD, Béziers, France

Product	Description	PID	HD	SD	L	Qty
1150050	Titanium and Hydroxylapatite Head/Shaft Assembly Titanium and Flex H/A Shoe Assembly	1.1 mm	3.25 mm	0.25 mm	10 mm	1
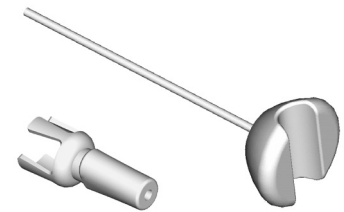
All dimensions are approximate.

PID = Partial Inner Diameter   HD = Head Diameter   SD = Shaft Diameter   L = Length

Ossicular Reconstruction Implants and Accessories

Partial Titanium Prosthesis

- Fully cannulated design

Product	Description	HD	L	ID	Qty
1160000	Titanium	2.5 mm	2 mm	1.1 mm	1
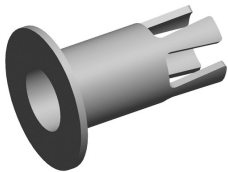
Vincent Partial Titanium Prosthesis

- Dense hydroxylapatite head features a deep, centered groove

Developed in conjunction with Robert Vincent, MD, Béziers, France

Product	Description	HD	L	ID	Qty
1160050	Titanium	3.25 mm	2 mm	1.1 mm	1
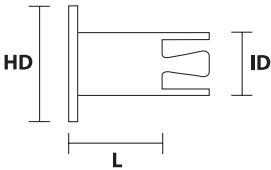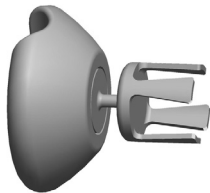
All dimensions are approximate.

HD = Head Diameter   L = Length   ID = Inner Diameter

Incus Partial Prosthesis

- Grooved top
- Partially cannulated shaft

Product	Description	SID	L	Qty
1112075	Hydroxylapatite	1.1 mm	3.75 mm	1

Notched Offset Partial

- Dense H/A cap
- Offset cap

Product	Description	SID	HD	L	Qty
0362	Hydroxylapatite	1.14 mm	4 mm	5 mm	1
0364	with Malleable Link, Hydroxylapatite with Titanium	1.14 mm	4 mm	5 mm	1

0364

Ossicular Reconstruction Implants and Accessories
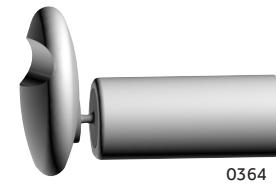
All dimensions are approximate.

SID = Shaft Inner Diameter   HD = Head Diameter   L = Length

Partial 75° Rectangular

- Rectangular head
- Angled shaft
- Partially cannulated shaft

Product	Description	SID	H	L	Qty
	Hydroxylapatite	1.1 mm	2.5 x 3.5 mm	4 mm	1
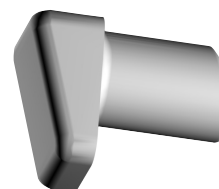
Partial 90° Off-Center Round

- Off-centered round head
- Fully cannulated shaft

Product	Description	SID	HD	L	Qty
1112095	Hydroxylapatite	1.1 mm	4 mm	5 mm	1
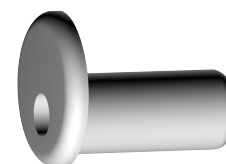
Partial 90° Rectangular

- Rectangular head
- Partially cannulated shaft

Product	Description	SID	H	L	Qty
1112065	Hydroxylapatite	1.1 mm	2.5 x 3.5 mm	4 mm	1
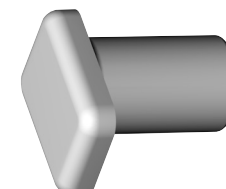
Partial 90° Round

- Round head
- Fully cannulated shaft

Product	Description	SID	HD	L	Qty
1112090	Hydroxylapatite	1.1 mm	4 mm	5 mm	1
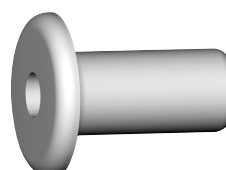
All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Silverstein Incus-Stapes Connector

Endorsed by Herbert Silverstein, MD, Sarasota, FL

Product	Description	ID	OD	H	Qty
1112120	Hydroxylapatite	1.1 mm	2.1 mm	1 mm	1
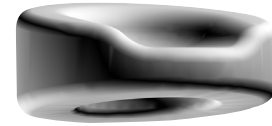
Causse Mini-Head Partial with Malleable Link

- Flex H/A shaft may be trimmed with a knife

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SID	HD	L	Qty
0528	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	2.5 mm	5 mm	1

Causse Notched Offset Partial with Malleable Link

- Offset, dense H/A cap with notch
- Flex H/A shaft may be trimmed with a knife
- Malleable titanium link

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SID	HD	L	Qty
0526	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	3.25 mm	5 mm	1
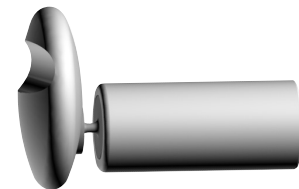
Causse-Vincent Notched Narrow Partial with Short Malleable Link

- Offset, dense H/A cap with notch
- Flex H/A shaft may be trimmed with a knife
- Malleable titanium link

Endorsed by Jean-Bernard Causse, MD, and Robert Vincent, MD, Béziers, France

Product	Description	SID	HD	L	Qty
0543	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	3.25 mm	14 mm	1

Ossicular Reconstruction Implants and Accessories
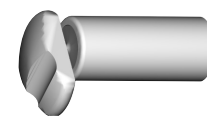
All dimensions are approximate.

ID = Inner Diameter   OD = Outer Diameter   H = Head
SID = Shaft Inner Diameter   HD = Head Diameter   L = Length

Centered Partial with Malleable Link

- Gently rounded, dense H/A cap
- Flex H/A shaft can be trimmed

Product	Description	SID	HD	L	Qty
0550	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	4 mm	5 mm	1
0551	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	3 mm	5 mm	1
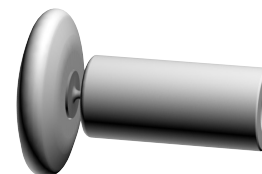
Centered Partial, Non-Malleable

- Prosthesis is fully cannulated
- Flex H/A shaft may be trimmed with a knife

Product	Description	SID	HD	L	Qty
0524	Hydroxylapatite and Flex H/A	1.14 mm	3 mm	5 mm	1

Lesinski Offset Partial with Malleable Link

- H/A cap features unique notch
- Flex H/A shaft may be trimmed with a knife

Designed by S. George Lesinski, MD, Cincinnati, OH

Product	Description	SID	HD	L	Qty
0531	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	3.25 mm	5 mm	1
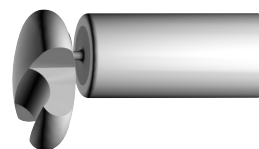
Malleus Cradle Partial with Malleable Link

- Dense H/A cap
- Titanium link
- Trimmable Flex H/A shaft

Product	Description	SID	H	L	Qty
0541	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	2 x 4.4 mm	5 mm	1

All dimensions are approximate.

SID = Shaft Inner Diameter   HD = Head Diameter   L = Length

Millen Thin Head Partials, Non-Malleable

- Thin, dense Flex H/A offset cap
- Fully cannulated
- Flex H/A shaft may be trimmed

Designed by Steven J. Millen, MD, Hales Corner, WI

Product	Description	SID	HD	L	Qty
0568	Offset, Notched Hydroxylapatite and Flex H/A	1.14 mm	4 mm	5 mm	1
0567	Hydroxylapatite and Flex H/A	1.14 mm	4 mm	5 mm	1

0568

0567
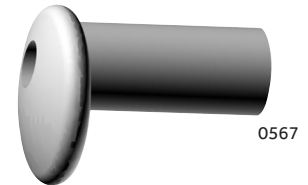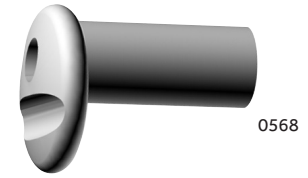
Notched Offset Partial with Malleable Link

- Dense H/A cap
- Cap is offset
- Trimmable Flex H/A shaft

Product	Description	SID	HD	L	Qty
0570	Hydroxylapatite with Flex H/A and Titanium	1.14 mm	4 mm	5 mm	1
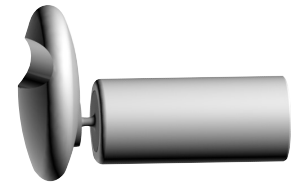
Notched Offset Partial, Non-Malleable

- Dense H/A notched cap
- Prosthesis is fully cannulated
- Offset
- Trimmable Flex H/A shaft

Product	Description	SID	HD	L	Qty
0555	Hydroxylapatite and Flex H/A	1.14 mm	4 mm	5 mm	1
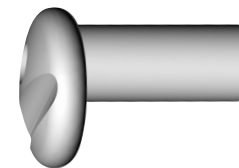
Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Causse Tri-Axial Incus Necrosis Prosthesis

- Dense H/A offset cap and Flex H/A

Developed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	IID	StID	HD	Qty
0585	Hydroxylapatite with Flex H/A and Titanium	0.8 mm	1.17 mm	3.25 mm	1
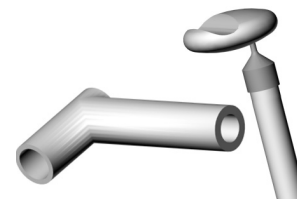
Flex H/A Incus Necrosis Prostheses

- Flex H/A material can be modified with knife to accommodate anatomical requirements

Product	Description	IID	STID	Qty
0579	Flex H/A, Small	0.8 mm	1.00 mm	1
0580	Flex H/A, medium	0.8 mm	1.17 mm	1
0581	Flex H/A, large	1.0 mm	1.17 mm	1
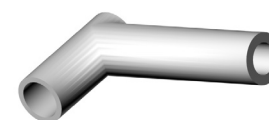
All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Causse Malleus Head Partial

- Dense H/A head

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SID	H	L	Qty
1112197	Hydroxylapatite with Polycel and Stainless Steel	1.17 mm	4 x 2.1 mm	4.75 mm	1
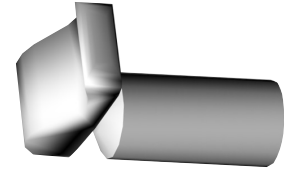
Moretz Cam Head Partial

- Hydroxylapatite head with Polycel and stainless steel
- Cam head design

Endorsed by William H. Moretz, Jr., MD, Augusta, GA

Product	Description	SID	H	L	Qty
1112184	Hydroxylapatite with Polycel and Stainless Steel	1.17 mm	4 x 2.7 mm	10 mm	1
1112185	Hydroxylapatite with Polycel and Stainless Steel	1.17 mm	4 x 2.7 mm	4.75 mm	1

Ossicular Reconstruction Implants and Accessories
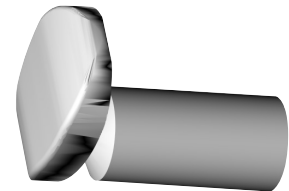
All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Austin Modified Partial

- Head is off-center
- Fully cannulated

Endorsed by David F. Austin, MD, Idaho Falls, ID

Product	Description	SID	HD	L	Qty
1156361	Polycel	1.17 mm	3 mm	4.75 mm	1

Causse Fluoroplastic Partial

- Polycel head
- Fluoroplastic shaft

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SID	HD	L	Qty
1156376	Polycel and Fluoroplastic	1.17 mm	4 mm	4.75 mm	1
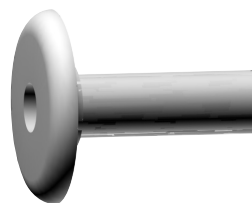
Sheehy Partial Ossicular Prosthesis (POP)

Endorsed by James L. Sheehy, MD, Los Angeles, CA

Product	Description	SID	HD	L	Qty
1156362	Polycel	1.17 mm	3 mm	4.75 mm	1
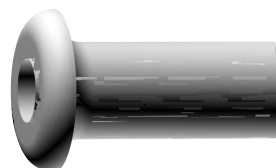
All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Causse Notched Offset Total with Short Malleable Link

- Shortened, malleable titanium link
- Notched offset cap
- Dense H/A cap
- Off-set design

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SID	HD	L	Qty
0321	Hydroxylapatite and Titanium	0.8 mm	3.25 mm	9 mm	1

Mushroom Head Total with Malleable Link

- Dense hydroxylapatite head

Product	Description	SID	HD	L	Qty
0300	Hydroxylapatite and Titanium	0.8 mm	4 mm	7 mm	1
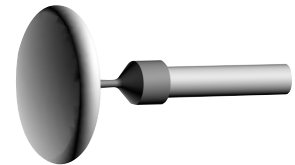
Notched Offset Total with Malleable Link

- Flexible titanium link
- Notched cap
- Offset design

Product	Description	SID	HD	L	Qty
0363	Hydroxylapatite and Titanium	0.8 mm	4 mm	7 mm	1
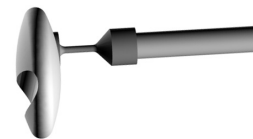
Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SID = Shaft Inner Diameter   HD = Head Diameter   L = Length

Robinson Malleus-to-Oval Window Prostheses

Designed by Mendell Robinson, MD, Providence, RI

Product	Description	SID	L	Qty
0340	Hydroxylapatite	0.6 mm	4.5 mm	1
0341	Hydroxylapatite	0.6 mm	5.0 mm	1
0342	Hydroxylapatite	0.6 mm	5.5 mm	1
0343	Hydroxylapatite	0.6 mm	6.0 mm	1
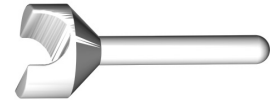
Total 75° Rectangular

- Rectangular head
- Solid, dense H/A
- Angled shaft
- May be shaped with diamond bur under irrigation

Product	Description	SID	H	L	Qty
1112050	Hydroxylapatite	0.89 mm	2.54 x 3.5 mm	8 mm	1

Total 90° Rectangular

- Rectangular head
- Solid dense H/A
- May be shaped with diamond bur under irrigation

Product	Description	SID	H	L	Qty
1112045	Hydroxylapatite	0.89 mm	2.54 x 3.5 mm	8 mm	1

All dimensions are approximate.

SID = Shaft Inner Diameter   HD = Head Diameter   L = Length

Total 90° Off-Center Round

- Off-centered round head
- Solid dense H/A
- May be shaped with diamond bur under irrigation

Product	Description	SID	HD	L	Qty
1112085	Hydroxylapatite	0.89 mm	4.00 mm	8 mm	1

Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Causse MicroLite™ Total with Short Malleable Link

- Thinner cap is notched and offset
- Shortened malleable link allows trimming to short lengths for anatomical variations

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SD	HD	L	Qty
0529	Hydroxylapatite with Flex H/A and Titanium	1 mm	3.25 mm	9 mm	1

Causse Mini-Head Total with Malleable Link

- Shaft can be trimmed with a knife

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SD	HD	L	Qty
0527	Hydroxylapatite with Flex H/A and Titanium	1 mm	2.5 mm	9 mm	1

Causse Notched Offset Total with Short Malleable Link

- Shortened malleable link allows trimming to short lengths
- Notched, dense H/A cap
- Trimmable Flex H/A shaft

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SD	HD	L	Qty
0518	Hydroxylapatite with Flex H/A and Titanium	1 mm	3.25 mm	9 mm	1

All dimensions are approximate.

SID = Shaft Inner Diameter   H = Head   HD = Head Diameter   L = Length

Causse-Vincent Notched Narrow Cap with Stainless Steel Wire

- Narrow, notched, offset, dense H/A cap
- Trimmable Flex H/A shaft
- Stainless steel wire through shaft

Endorsed by Jean-Bernard Causse, MD, and Robert Vincent, MD, Béziers, France

Product	Description	SD	HD	L	Qty
05421	Hydroxylapatite with Flex H/A & SS Wire	1 mm	3.25 mm	9 mm	1

Centered Total with Malleable Link

- Rounded, dense H/A cap
- Trimmable Flex H/A shaft

Product	Description	SID	HD	L	Qty
0500	Hydroxylapatite with Flex H/A and Titanium	1 mm	4 mm	7 mm	1
0501	Hydroxylapatite with Flex H/A and Titanium	1 mm	3 mm	7 mm	1

0500

0501

Centered Total, Non-Malleable

- Dense H/A cap
- Non-malleable shaft, made totally of trimmable Flex H/A

Product	Description	SD	HD	L	Qty
0523	Hydroxylapatite with Flex H/A	1 mm	3 mm	9 mm	1

Lesinski Offset Total with Malleable Link

- Trimmable Flex H/A shaft

Designed by S. George Lesinski, MD, Cincinnati, OH

Product	Description	SD	HD	L	Qty
0530	Hydroxylapatite with Flex H/A and Titanium	1 mm	3.25 mm	8 mm	1
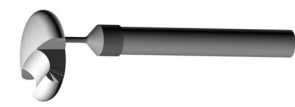
Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SD = Shaft Diameter   HD = Head Diameter   L = Length

Malleus Cradle Total with Malleable Link

- Dense H/A cap
- Trimmable Flex H/A shaft

Product	Description	SD	H	L	Qty
0540	Hydroxylapatite with Flex H/A and Titanium	1 mm	2 x 4.4 mm	10.2 mm	1
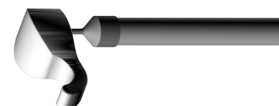
Millen Thin Head Notched Total, Non-Malleable

- Thin, dense Flex H/A offset cap
- Notched head designed
- Trimmable Flex H/A shaft

Designed by Steven J. Millen, MD, Hales Corner, WI

Product	Description	SD	HD	L	Qty
0565	Hydroxylapatite and Flex H/A	1 mm	4 mm	9 mm	1

Notched Offset Total with Malleable Link

- Dense H/A notched design
- Offset
- Trimmable Flex H/A shaft

Product	Description	SD	HD	L	Qty
0520	Hydroxylapatite with Flex H/A and Titanium	1 mm	4 mm	9 mm	1
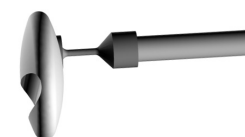
All dimensions are approximate.

SD = Shaft Diameter   SID = Shaft Inner Diameter   HD = Head Diameter   L = Length

Offset Total with Malleable Link

- Dense H/A offset cap and malleable link
- Trimmable Flex H/A shaft

Product	Description	SD	HD	L	Qty
0510	Hydroxylapatite with Flex H/A and Titanium	1 mm	4 mm	7 mm	1

Wiet Offset Total with Malleable Link

- Mid-size dense H/A cap
- Malleable titanium link
- Trimmable Flex H/A shaft

Designed by Richard Wiet, MD, Hinsdale, IL

Product	Description	SD	HD	L	Qty
0515	Hydroxylapatite with Flex H/A and Titanium	1 mm	3.25 mm	9 mm	1

Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SD = Shaft Diameter   HD = Head Diameter   L = Length

Causse Cam Head Total with Shoe

- Dense H/A cam head
- Fluoroplastic shaft
- Footplate shoe

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SD	H	L	Qty
1112195	Hydroxylapatite with Fluoroplastic and Stainless Steel	0.4 mm	4 x 2.7 mm	10 mm	1

All dimensions are approximate.

SD = Shaft Diameter   H = Head   HD = Head Diameter   L = Length

Causse Malleus Head Total with Shoe

- Dense H/A head
- Malleable fluoroplastic shaft and stainless steel shaft

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SD	H	L	Qty
1112190	Hydroxylapatite with Fluoroplastic and Stainless Steel	0.4 mm	4 x 2.1 mm	10 mm	1

Causse Stapedotomy Revision Prosthesis with Short Malleable Link

- Short malleable link allows prosthesis to be trimmed to very short lengths
- Notched H/A cap

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	SD	HD	L	Qty
0322	Hydroxylapatite with Fluoroplastic and Titanium	0.4 mm	3.25 mm	9 mm	1

Austin Modified Total

Endorsed by David F. Austin, MD, Idaho Falls, ID

Product	Description	SD	HD	L	Qty
1156305	Polycel and Stainless Steel	0.6 mm	3 mm	8 mm	1

Brackmann Modified Total

Endorsed by Derald E. Brackmann, MD, Los Angeles

Product	Description	SD	HD	L	Qty
1156303	Polycel and Stainless Steel	0.6 mm	3 mm	8 mm	1

Ossicular Reconstruction
Implants and Accessories

All dimensions are approximate.

SD = Shaft Diameter   HD = Head Diameter   L = Length

Fisch Modified Total

Endorsed by Professor Ugo Fisch, MD, Zurich, Switzerland

Product	Description	SD	H	L	Qty
1156307	Polycel and Stainless Steel	0.6 mm	2.2 x 3 mm	8 mm	1

Sheehy Total Ossicular Prosthesis (TOP)

Endorsed by James L. Sheehy, MD, Los Angeles, CA

Product	Description	SD	HD	L	Qty
1156363	Polycel	0.8 x 1 mm	3 mm	8 mm	1

All dimensions are approximate.

SD = Shaft Diameter   H = Head   HD = Head Diameter   L = Length

Bojrab Universal Prosthesis

Designed by Dennis Bojrab, MD, Farmington Hills, MI

Product	Description	PID	HD	PL	TL	Qty
0506	Hydroxylapatite with Flex H/A shaft	1.14 mm	3 mm	3.65 mm	7 mm	1
0507	Hydroxylapatite with Flex H/A shaft	1.14 mm	3 mm	6.00 mm	9 mm	1
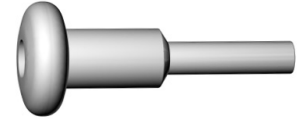
Campbell Universal Prosthesis

Developed in conjunction with Emmett E. Campbell, MD, FACS

Product	Description	PID	HD	PL	TL	Qty
0505	Hydroxylapatite and Flex H/A	1.14 mm	3.5 narrowed	3.5 mm	7 mm	1
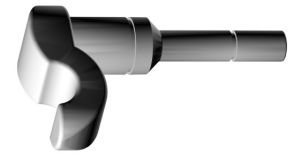
Convertible Prosthesis – Total, Partial, or Strut

- Three-in-one implant: options include total, with or without a footplate, a partial or a strut
- Supplied as a partial with separate insertable total shaft with shoe
- Cap is dense H/A shaft is Flex H/A

Product	Description	PID	HD	PL	TL	Qty
0590	Hydroxylapatite and Flex H/A	1.14 mm	3 mm	5 mm	8 mm	1

Garcia-Ibanez Notched Universal Prosthesis

- Converts from a total to a partial with a knife

Designed by Emilio Garcia-Ibanez, MD, Barcelona, Spain

Product	Description	PID	H	PL	TL	Qty
0508	Hydroxylapatite, Flex H/A	1.14 mm	3.3 x 2.9 mm	4.25 mm	8 mm	1

All dimensions are approximate.

SD = Shaft Diameter   H = Head   HD = Head Diameter   L = Length

Causse Stapes Sheet

Endorsed by Jean-Bernard Causse, MD, Béziers, France

Product	Description	L	H	T	Qty
1128450	Fluoroplastic	15 mm	8 mm	.03 mm	1
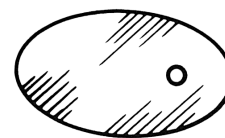
Silverstein Packing Strips

Product	Description	W	L	T	Qty
1428005	Polyester	6 mm	50 mm	.08 mm	6
1428010	Polyester	6 mm	30 mm	.08 mm	6
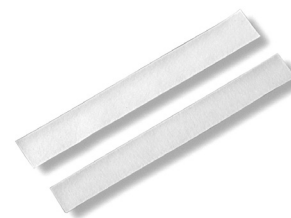
Juhn Tym-Tap™ Middle Ear Fluid Aspirator/Collector

Designed by S.K. Juhn, MD, Minneapolis, MN

Product	Qty
1419010	10

Tympanocentesis Collector

Modified by Alejandro Hoberman, MD, Pittsburgh, PA

Product	Qty
1419020	10

Ossicular Reconstruction
Implants and Accessories

Bio-Flek™ Surgical Head Supports

Offset design endorsed by William H. Moretz, Jr., MD, Augusta, GA

Product	Size	Qty
1358225	Standard, 50.8 mm x 22.9 cm (2" x 9")	1
1358227	Riser, 25.4 mm x 22.9 cm (1" x 9")	1

1358225

1358227

All dimensions are approximate.

TISSUE
HEALTH

117

Medtronic

Chitogel Endoscopic Sinus Surgery Kit

▪ Postoperative sinus gel

Product	Description	Qty
CSK-4	Chitogel Endoscopic Sinus Surgery Kit	1
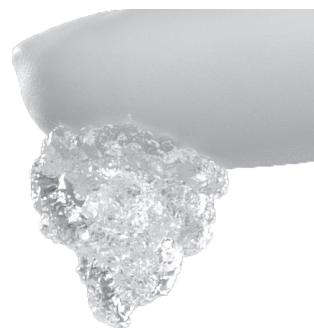
Novapak™ Nasal Sinus Packing and Stent*

▪ A single use, nasal packing and stent for use following sinus surgery
▪ Dimensions 8cm x 1.8cmx1.3cm

Product	Description	Qty
CS3600-2	Novapak™ Nasal Packing, 2PK STD	2
CS3900-2	Novapak Nasal Packing, 2PK FRM	2
CS3600-10	Novapak Nasal Packing, 10PK STD	10
CS3900-10	Novapak Nasal Packing, 10PK FRM	10

MeroGel™ Nasal Dressing/Sinus Stent/Otologic Dressing or Packing

▪ A packing material made from HYAFF™, an esterified form of hyaluronic acid

Product	Description	Qty
1517100	MeroGel Otologic Packing, 1 cm x 5 cm	1
1517000	MeroGel Nasal Dressing/Sinus Stent and Otologic Packing, 4 cm x 4 cm	1
1517002	MeroGel Nasal Dressing/Sinus Stent and Otologic Packing, 4 cm x 4 cm	2

MeroPack™ Bioresorbable Nasal Dressing and Sinus Stent

▪ A packing material made from HYAFF™, an esterified form of hyaluronic acid and Collagen

Product	Description	Qty
1520001	MeroPack™ Bioresorbable Nasal Dressing and Sinus Stent	2
1520000	MeroPack Bioresorbable Nasal Dressing and Sinus Stent	6

* Available to order March 2021

EpiDisc™ Otologic Lamina

- An otologic device made from HYAFF™, an esterified form of hyaluronic acid
- Pre-cut, 8 mm spherical discs of EpiFilm™ material

Product	Description	Qty
1417100	EpiDisc Otologic Lamina, 8 mm Disc	2
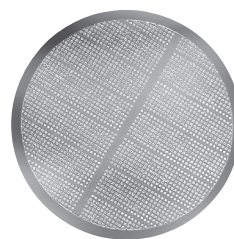
EpiDisc™ Tympanic Membrane Perforation Patch Kit

- Consists of one 8 mm EpiDisc matrix device and a 2 cm x 2 cm square of MeroGel™ QuickGel™ Otologic Dressing, a fast-hydrating form of MeroGel

Product	Description	Qty
1417151	EpiDisc Tympanic Membrane Perforation Patch Kit	1
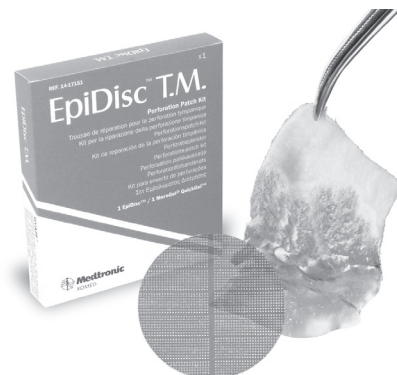
EpiFilm™ Otologic Lamina

- An otologic device made from HYAFF™, an esterified form of hyaluronic acid

Product	Description	Qty
1417000	EpiFilm Otologic Lamina, 2.5 cm x 2.5 cm	1
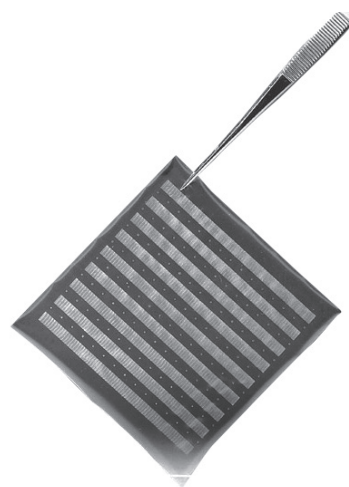
Postoperative Dressing

Nasal Packing

Merocel™ Doyle Nasal Dressing

Product	Description	Length	Thickness	Height	Qty
400411	Without String, With Airway	8 cm	1.5 cm	3 cm	10
440411	With String, With Airway	8 cm	1.5 cm	3 cm	10
400424	Without String	8 cm	1.5 cm	3 cm	10
440424	With String	8 cm	1.5 cm	3 cm	10
400413	Without String	8 cm	1 cm	3 cm	10
440413	With String	8 cm	1 cm	3 cm	10

440411

440424
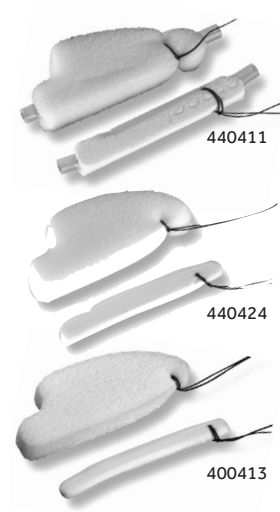
400413

Merocel™ Doyle Nasal Dressing, Pediatric

Product	Description	Length	Thickness	Height	Qty
400412	Without String	5.5 cm	1.2 cm	2.5 cm	20
440412	With String	5.5 cm	1.2cm	2.5 cm	10
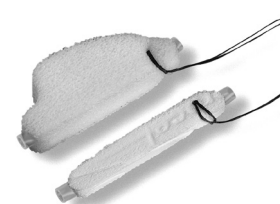
Merocel™ Kennedy Intranasal Surgical Sponge (KISS) Intra-Op Throat Pack

Designed by David Kennedy, MD, Philadelphia, PA

Product	Qty
400515	10

Merocel™ 2000 Nasal Packing

Product	Description	Length	Thickness	Height	Qty
470401	With String	4.5 cm	1.5 cm	2 cm	10
470404	With String	8 cm	1.5 cm	2 cm	10
470408	With String, With Airway	4.5 cm	1.5 cm	2 cm	10

470404

470401

470408
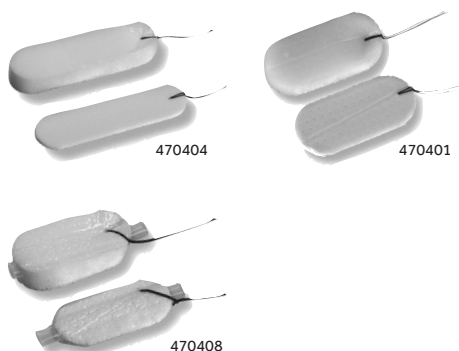
Merocel™ Standard Dressing

Product	Description	Length	Thickness	Height	Qty
400400	Without String	4.5 cm	1.5 cm	2 cm	20
440400	With String	4.5 cm	1.5 cm	2 cm	10
400402	Without String	8 cm	1.5 cm	2 cm	20
440402	With String	8 cm	1.5 cm	2 cm	10
400409	Without String, With Airway	4.5 cm	1.5 cm	2 cm	20
440409	With String, With Airway	4.5 cm	1.5 cm	2 cm	10
400410	Without String, With Airway	8 cm	1.5 cm	2 cm	20
400405	Without String, Single Compression, With Airway	8 cm	1.5 cm	2 cm	20
440410	With String, With Airway	8 cm	1.5 cm	2 cm	10

440400 440402 440409 440410
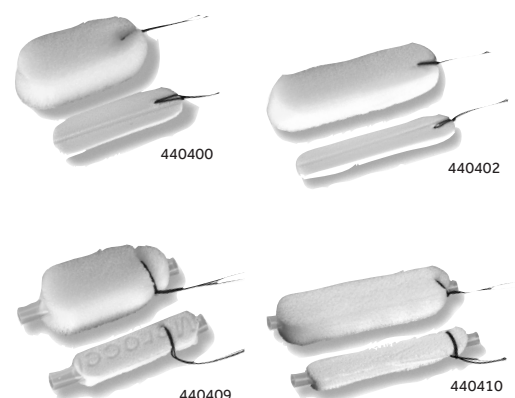
Merocel™ Pope Epistaxis Packing

- Available with or without drawstring

Product	Description	Length	Thickness	Height	Qty
400406	Without String	10 cm	1.5 cm	2.5 cm	10
440406	With String	10 cm	1.5 cm	2.5 cm	10

Merocel™ Pope Flex-Pak™

- Flexible epistaxis packing with pinholes and drawstring

Product	Length	Thickness	Height	Qty
460406	10 cm	1.5 cm	2.5 cm	10
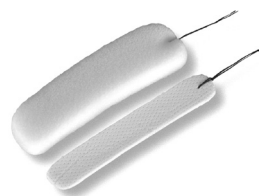
Merocel™ Staxi-Stat™ Pack

Product	Description	Qty
400416	Without String	10
440416	With String	10

Merocel™ Weimert Epistaxis Packing

Product	Description	Length	Thickness	Height	Qty
400421	With String	5.5 cm	1.5 cm	2.5 cm	20

All dimensions are approximate.

Post-Op Packing, Splints, And Epistaxis Treatment Products
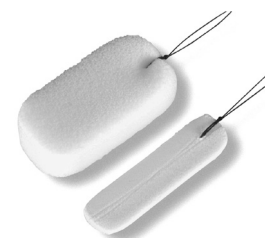
Merocel™ 2000 Laminated Baron SinuStent™ Dressing

Product	Description	Length	Thickness	Height	Qty
470531	With String, Ultra-Slim Profile	2.5 cm	0.6 cm	2 cm	10 pairs
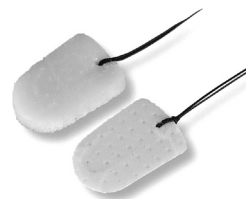
Merocel™ 2000 Laminated Kennedy SinuStent Dressing

Product	Description	Length	Thickness	Height	Qty
470530	With String, Ultra-Slim Profile	3.5 cm	0.6 cm	1.2 cm	10 pairs
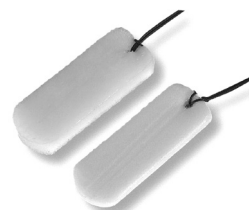
Merocel™ Baron Sinus-Pak

Product	Description	Length	Thickness	Height	Qty
400407	With String, Regular	2.5 cm	1.2 cm	2 cm	10 pairs
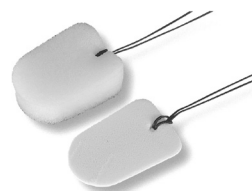
Merocel™ Kennedy Sinus-Pak

Product	Description	Length	Thickness	Height	Qty
400422	With String, Regular	3.5 cm	1.2 cm	1.2 cm	10 pairs
400426	With String, Slim-Profile	3.5 cm	0.9 cm	1.2 cm	10 pairs
400530	With String, Ultra-Slim Profile	3.5 cm	0.6 cm	1.2 cm	10 pairs
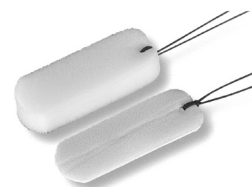
Merocel Ora-Pak Intra-Op Throat Pack

Product	Qty
400520	10
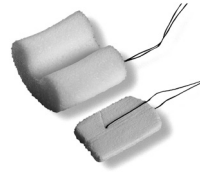
Merocel™ Toffel Sinus-Pak Kit with Airway Tube

- Sinus-Pak (4.5 cm L x 1.3 cm T x 2.0 cm H)
- Nasal Dressing (7.5 cm L x 1.5 cm T x 3.5 cm H)
- Airway Tube (8 cm L)

Product	Qty
400423	10 kits

Merocel™ Toffel Slim-Profile Sinus-Pak

Product	Description	Length	Thickness	Height	Qty
400428	Slim-Profile	4.5 cm	0.9 cm	2 cm	10 pairs
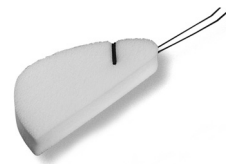
All dimensions are approximate.

Ear Wicks and Packs

Merocel™ Ear Packs, Ambrus

Product	Diameter	Length	Qty
400354	15 cm	20 cm	20
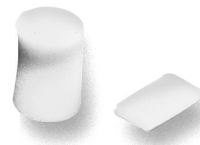
Merocel™ Micro Spheres

Product	Diameter	Thickness	Qty
400150	3 cm	0.7 cm	100
400151	4 cm	0.7 cm	100
400152	5 cm	0.7 cm	100
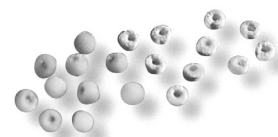
Merocel™ Ear Wicks, Pope

Product	Diameter	Length	Qty
400141	9 mm	15 mm	50
425141	9 mm	15 mm	25
400146	9 mm	24 mm	10
400144	12 mm	24 mm	10

Merocel™ Ear Packs, Post-Op

Product	Diameter	Length	Qty
400162	12 mm	24 mm	10

Merocel™ Ear Packs, Schindler

Product	Description	Diameter	Length	Qty
400355	With Drawstring	12 mm	15 mm	10
400356	With Drawstring	9 mm	13 mm	10
400357	With Drawstring, Fenestrated	9 mm	13 mm	10
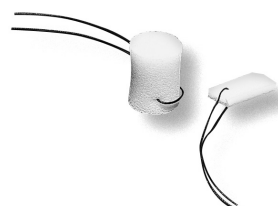
Merocel™ Pope Oto-Wick™

Product	Description	Size	Qty
1425008	Fenestrated	15 mm	50
1425010	Fenestrated	24 mm	50

Medtronic ENT Epistat™ Nasal Catheter

Product	Description	Qty
1527031	Epistat™ Nasal Catheter	1

1527031

Tami Sinus Secretion Collector

Developed in conjunction with Thomas A. Tami, MD

Product	Qty
1514000	10

All dimensions are approximate.

Splints

Boomerang™ Turbinate Glove and Septal Splint

Product	Qty
600500	5 pairs

Oval Septal Splints

Product	Length	Thickness	Height	Qty
1523000	6.4 cm	1 mm	4.2 cm	5 pairs

Bridgemaster™ Nasal Splints

- Articulated nasal splint's flexible aluminum stabilizer adjusts inward
- Segmented foam pads

Product	Description	Qty
600302	Small Splint	5
600306	Large Splint	5

Doyle Bi-Valve Septal Splint

Product	Qty
1524075	1 pair

Doyle II Intranasal Airway Splints

Product	Qty
1524050	5 pairs

External Nasal Splints

Product	Description	Qty
1528110	Single, Small	25
1528111	Single, Small	5
1528120	Single, Medium	25
1528121	Single, Medium	5
1528137	Single, Large	25
1528138	Single, Large	5

Goode Magne-Splint

- Cobalt-Samarium magnets ensure compression
- Medical grade silicone
- Pre-attached string

Designed by Richard L. Goode, MD, Palo Alto, CA

Product	Description	Qty
1516000	Regular	1 pair
1516010	Large	1 pair

All dimensions are approximate.

Splints

Reuter Splint

- Constructed of fluoroplastic
- Pre-punched holes for easier suturing

Designed by S. Harold Reuter, MD, Houston, TX

Product	Description	Qty
1527010	Thin 0.25 mm	5 pairs
1527015	Thick 0.5 mm	5 pairs
1527020	Thick 0.5 mm, No Slit	5 pairs
1527025	Thin 0.25 mm, No Slit	5 pairs
1527000	Thin 0.25 mm	5 pairs
1527005	Thick 0.5 mm	5 pairs

1527010

1527020

1527005

Merocel™ Silicone Splint

- Septal splint folds
- Firm, yet flexible silicone
- Available to order individually or as kit

Kit includes:

- 2 Silicone Septal Splints (400561)
- 2 Merocel™ Nasal Packs

Product	Length	Thickness	Height	Qty
400561	75 mm	25 mm	1 mm	5 pairs
400562				5 kits

400561

400562

Simple Splint

- Simple, inexpensive fluoroplastic splint
- Easily trimmed to fit

Product	Length	Thickness	Height	Qty
1522000	2.75"	0.02"	1.75"	10 pairs
	7 cm	0.5 cm	4.4 cm	

Thermasplints

Product	Description	Qty
1529000	Small	10
1529010	Medium	10
1529020	Large	10

1529010

All dimensions are approximate.

Post-Op Packing, Splints, And
Epistaxis Treatment Products
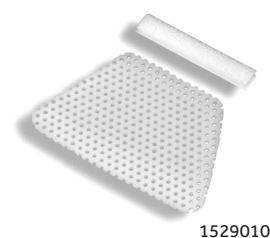
Nasal Septal Button

- Medical silicone construction

Product	Diameter	Qty
1524105	3 cm	1

Two-Part Adjustable Septal Button

- For non-surgical closure of nasal septal perforations
- Two-part button
- Medical silicone construction

Designed by Manning Goldsmith, III, MD, Savannah, GA

Product	Diameter	Qty
1524110	3 cm	1
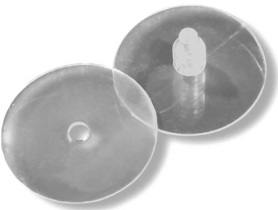
Instrument Wipes

- Removes fluid and debris from delicate instruments

Product	Description	Qty
2218525	3.5" x 3.5" (8.9 cm x 8.9 cm)	25
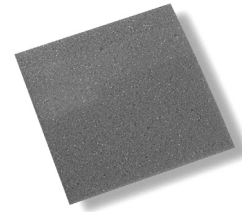
Medtronic ENT Silicone Sheeting

- Sheets are made of biocompatible silicone elastometer
- Sheets can be cut and trimmed as needed during procedures

Product	Thickness	Qty
1532500	5 cm x 5 cm x .25 mm (2" x 2" x .010")	10
1532505	5 cm x 5 cm x .13 mm (2" x 2" x .005")	10
1532510	5 cm x 5 cm x .5 mm (2" x 2" x .020")	10
1532520	5 cm x 5 cm x 1 mm (2" x 2" x .040")	10
1532530	5 cm x 5 cm x 1.6 mm (2" x 2" x .062")	10
1532540	5 cm x 5 cm x 3.2 mm (2" x 2" x .125")	10

All dimensions are approximate.

Post-Op Packing, Splints, And
Epistaxis Treatment Products
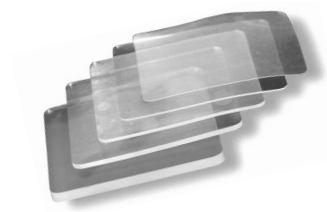
Micro-Grid Silicone Metric Ruler

- Metric scale background
- Radiopaque medical grade silicone
- Sterile

Product	Description	Qty
4022800	Green, 30 mm x 15 mm x 0.4 mm with 1 mm Squares	10
4022805	Blue, 30 mm x 15 mm x 0.4 mm with 1 mm Squares	10
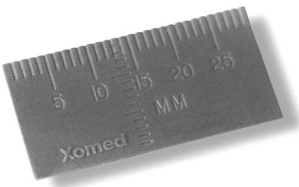
Silicone Strip

- For use as an implant material to aid in surgical repairs and augmentation in ENT and reconstructive head and neck surgery
- May be cut and trimmed during procedures to size needed (A, B, C, or D)
- Non-sterile

Product	A	B	C	D	Qty
1532600	4.5 mm	9 mm	20 mm	12.5 mm	
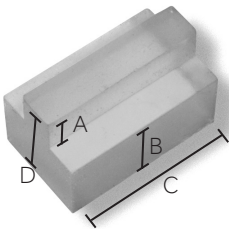
ALAR™ Nasal Valve Stent

Designed in conjunction with Howard Stupak M.D.

Product	Description	Qty
15000	20 x 16 mm Fluropastic Stent	2 per box
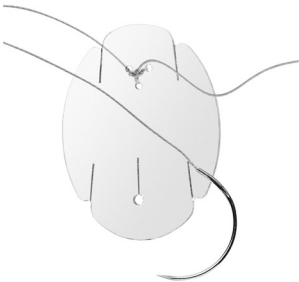
Rx only. Refer to product instruction manual/package insert for instructions, warnings, precautions and contraindications.

For further information, please call Medtronic ENT at 800.874.5797 or consult Medtronic's website at **medtronic.com/ent**.

Medtronic

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Argentina 54-11-4898-5700
Australia 1-800-668-670
Baltic Region 37-1-67560226
Belgium 32-2456-09-09
Brazil 55-11-2182-9200
Canada 1-800-268-5346
Chile 56-2-2655-5110
China 86-10-5869-8989
Colombia 57-1-742-7300
Czech Republic 420-233-059-111
France 33-470-679-800
Germany 49-2159-8149-353
Greece 30-210-67-79-099
Hong Kong 852-2919-1300
Hungary 36-188-90600

India 91-22-33074700
Israel 972-9-972-4400
Italy 39-02-24137-324
Japan 81-3-6774-4611
Korea 82-2-3404-3600
Lebanon 961-1-370-670
Luxembourg 32-2456-09-09
Malaysia 60-37-953-4800
Mexico 52-55-11-02-90-30
Netherlands 31-45-566-8800
Poland 48-22-4656900
Russian Fed. 7-495-580-73-77
Singapore 65-6436-5000
South Africa 27-11-260-9300
Spain 34-91-625-05-40
Taiwan 886-2-2183-6000
Thailand 662-232-7400
UK 44-1923-205-166

This literature is intended for use inside the United States.

Medtronic

Cannulae Product Code Listing by Family

EXTRACORPOREAL CIRCUIT - **Arterial Cannulae**

70420	DLP™ Flexible Arch Arterial Cannulae, 20 Fr (6.7 mm)
70422	DLP™ Flexible Arch Arterial Cannulae, 22 Fr (7.3 mm)
70424	DLP™ Flexible Arch Arterial Cannulae, 24 Fr (8.0 mm)
71420	DLP™ Flexible Arch Arterial Cannulae, 20 Fr (6.7 mm)
71422	DLP™ Flexible Arch Arterial Cannulae, 22 Fr (7.3 mm)
71424	DLP™ Flexible Arch Arterial Cannulae, 24 Fr (8.0 mm)
72120	Select Series™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm)
72122	Select Series™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)
72124	Select Series™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm)
72220	Select Series™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm)
72222	Select Series™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)
72224	Select Series™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm)
72420	Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm)
72422	Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm)
72424	Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm)
72520	Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm)
72522	Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm)
72524	Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm)
73420	Select Series™ Angled Tip Arterial Cannulae, 20 Fr (6.7 mm)
73422	Select Series™ Angled Tip Arterial Cannulae, 22 Fr (7.3 mm)
73424	Select Series™ Angled Tip Arterial Cannulae, 24 Fr (8.0 mm)
75008	DLP™ Straight Tip Arterial Cannulae, 8 Fr (2.7 mm)
75010	DLP™ Straight Tip Arterial Cannulae, 10 Fr (3.3 mm)
75012	DLP™ Straight Tip Arterial Cannulae, 12 Fr (4.0 mm)
75014	DLP™ Straight Tip Arterial Cannulae, 14 Fr (4.7 mm)
75318	DLP™ Straight Tip Arterial Cannulae, 18 Fr (6.0 mm)
75320	DLP™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm)
75322	DLP™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)
75324	DLP™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm)
76020	DLP™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm)
76022	DLP™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)
76024	DLP™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm)
76118	DLP™ Straight Tip Arterial Cannulae, 18 Fr (6.0 mm)
76120	DLP™ Straight Tip Arterial Cannulae, 20 Fr (6.7 mm)
76122	DLP™ Straight Tip Arterial Cannulae, 22 Fr (7.3 mm)
76124	DLP™ Straight Tip Arterial Cannulae, 24 Fr (8.0 mm)
77006	DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm)
77008	DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm)
77010	DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm)
77012	DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm)
77014	DLP™ Pediatric One-Piece Arterial Cannulae, 14 Fr (4.7 mm)
77016	DLP™ Pediatric One-Piece Arterial Cannulae, 16 Fr (5.3 mm)
77106	DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm)
77108	DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm)
77110	DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm)
77112	DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm)
77114	DLP™ Pediatric One-Piece Arterial Cannulae, 14 Fr (4.7 mm)
77116	DLP™ Pediatric One-Piece Arterial Cannulae, 16 Fr (5.3 mm)
77206	DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm)

77208	DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm)
77210	DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm)
77212	DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm)
77306	DLP™ Pediatric One-Piece Arterial Cannulae, 6 Fr (2.0 mm)
77308	DLP™ Pediatric One-Piece Arterial Cannulae, 8 Fr (2.7 mm)
77310	DLP™ Pediatric One-Piece Arterial Cannulae, 10 Fr (3.3 mm)
77312	DLP™ Pediatric One-Piece Arterial Cannulae, 12 Fr (4.0 mm)
77418	EOPA™ Arterial Cannulae, 18 Fr (6.0 mm)
77420	EOPA™ Arterial Cannulae, 20 Fr (6.7 mm)
77422	EOPA™ Arterial Cannulae, 22 Fr (7.3 mm)
77424	EOPA™ Arterial Cannulae, 24 Fr (8.0 mm)
77518	EOPA™ Arterial Cannulae, 18 Fr (6.0 mm)
77520	EOPA™ Arterial Cannulae, 20 Fr (6.7 mm)
77522	EOPA™ Arterial Cannulae, 22 Fr (7.3 mm)
77524	EOPA™ Arterial Cannulae, 24 Fr (8.0 mm)
77618	EOPA™ Arterial Cannulae, 18 Fr (6.0 mm)
77620	EOPA™ Arterial Cannulae, 20 Fr (6.7 mm)
77622	EOPA™ Arterial Cannulae, 22 Fr (7.3 mm)
77624	EOPA™ Arterial Cannulae, 24 Fr (8.0 mm)
77718	EOPA™ Arterial Cannulae, 18 Fr (6.0 mm)
77720	EOPA™ Arterial Cannulae, 20 Fr (6.7 mm)
77722	EOPA™ Arterial Cannulae, 22 Fr (7.3 mm)
77724	EOPA™ Arterial Cannulae, 24 Fr (8.0 mm)
78220	EOPA 3D™ Arterial Cannulae, 20 Fr (6.7 mm)
78222	EOPA 3D™ Arterial Cannulae, 22 Fr (7.3 mm)
78320	EOPA 3D™ Arterial Cannulae, 20 Fr (6.7 mm)
78322	EOPA 3D™ Arterial Cannulae, 22 Fr (7.3 mm)
78420	Select 3D™ II Arterial Cannulae, 20 Fr (6.7 mm)
78422	Select 3D™ II Arterial Cannulae, 22 Fr (7.3 mm)
78424	Select 3D™ II Arterial Cannulae, 24 Fr (8.0 mm)
78520	Select 3D™ II Arterial Cannulae, 20 Fr (6.7 mm)
78522	Select 3D™ II Arterial Cannulae, 22 Fr (7.3 mm)
78524	Select 3D™ II Arterial Cannulae, 24 Fr (8.0 mm)
80020	DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)
80022	DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm)
80120	DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)
80122	DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm)
80220	DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)
80222	DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm)
80320	DLP™ Metal Tip Arterial Cannulae, 20 Fr (6.7 mm)
80322	DLP™ Metal Tip Arterial Cannulae, 22 Fr (7.3 mm)
81020	DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)
81022	DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm)
81120	DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)
81122	DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm)
82020	DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)
82022	DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm)
82120	DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)
82122	DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm)
83020	DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)
83022	DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm)

83024	DLP™ Curved Tip Arterial Cannulae, 24 Fr (8.0 mm)
84020	DLP™ Curved Tip Arterial Cannulae, 20 Fr (6.7 mm)
84022	DLP™ Curved Tip Arterial Cannulae, 22 Fr (7.3 mm)
84024	DLP™ Curved Tip Arterial Cannulae, 24 Fr (8.0 mm)
87020	DLP™ Curved Tip Arterial Cannulae with Wirewound Body, 20 Fr (6.7 mm)
87022	DLP™ Curved Tip Arterial Cannulae with Wirewound Body, 22 Fr (7.3 mm)
87024	DLP™ Curved Tip Arterial Cannulae with Wirewound Body, 24 Fr (8.0 mm)
87120	DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 20 Fr (6.7 mm)
87122	DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 22 Fr (7.3 mm)
87124	DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 24 Fr (8.0 mm)
87220	DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 20 Fr (6.7 mm)
87222	DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 22 Fr (7.3 mm)
87224	DLP™ Curved Tip Arterial Cannulae with One-Piece Wirewound Body, 24 Fr (8.0 mm)
87920	DLP™ Curved Tip Arterial Cannulae with Wirewound Body 20 Fr (6.7 mm)
87922	DLP™ Curved Tip Arterial Cannulae with Wirewound Body 22 Fr (7.3 mm)
87924	DLP™ Curved Tip Arterial Cannulae with Wirewound Body 24 Fr (8.0 mm)
88020	DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm)
88022	DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm)
88024	DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm)
88120	DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm)
88122	DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm)
88124	DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm)
89020	DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm)
89022	DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm)
89024	DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm)
89120	DLP™ Curved Tip Arterial Cannulae 20 Fr (6.7 mm)
89122	DLP™ Curved Tip Arterial Cannulae 22 Fr (7.3 mm)
89124	DLP™ Curved Tip Arterial Cannulae 24 Fr (8.0 mm)
CB71424	Cortiva - Flexible Arch Arterial, 11" (28cm), 24 Fr. (8.0mm), 3/8" Non-Vented Connector
CB72124	Cortiva - Arterial Cannula, Wirewound, Straight, 24 Fr., Vented connector
CB72224	Cortiva - Arterial Cannula, Wirewound, Straight, Non-Vented Connector, 24 Fr.
CB75318	Cortiva - Arterial Cannula, Adult Straight Tip with 3/8" conn. Site, 18 Fr. (6.0mm)
CB75320	Cortiva - Arterial Cannula, Adult Straight Tip with 3/8" conn. Site, 20 Fr. (6.7mm)
CB77006	Cortiva - Arterial, One Piece Pediatric 9" (23cm), 1/4" Vented Connector, 6 Fr. (2.0mm)
CB77008	Cortiva - Arterial, One Piece Pediatric 9" (23cm), 1/4" Vented Connector, 8 Fr. (2.7mm)
CB77010	Cortiva - Arterial, One Piece Pediatric 9" (23cm), 1/4" Vented Connector, 10 Fr. (3.3mm)
CB77012	Cortiva - Arterial, One Piece Pediatric 9" (23cm), 1/4" Vented Connector, 12 Fr. (4.0mm)
CB77014	Cortiva - Arterial, One Piece Pediatric 9" (23cm), 1/4" Vented Connector, 14 Fr. (4.7mm)
CB77016	Cortiva - Arterial, One Piece Pediatric 9" (23cm), 1/4" Vented Connector, 16 Fr. (5.3mm)
CB77418	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Blunt Tip introducer w/o guidewire, 18 Fr. (6.0 mm), vented
CB77420	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Blunt Tip introducer w/o guidewire, 20 Fr. (6.7 mm), vented
CB77422	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Blunt Tip introducer w/o guidewire, 22 Fr. (7.3 mm), vented
CB77520	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Blunt Tip introducer w/o guidewire, 20 Fr. (6.7 mm), non-vented
CB77522	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Blunt Tip introducer w/o guidewire, 22 Fr. (7.3 mm), non-vented
CB77618	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Dilator Tip introducer w/guidewire, 18 Fr. (6.0 mm), vented
CB77620	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Dilator Tip introducer w/guidewire, 20 Fr. (6.7 mm), vented
CB77622	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Dilator Tip introducer w/guidewire, 22 Fr. (7.3 mm), vented
CB77720	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Dilator Tip introducer w/guidewire, 20 Fr. (6.7 mm), non-vented

CB77722	Cortiva - Arterial Elongated One Piece 12" (30.5 cm), Dilator Tip introducer w/guidewire, 22 Fr. (7.3 mm), non-vented
CB78222	Cortiva - EOPA 3D 22FR VENTED
CB78322	Cortiva - EOPA 3D 22FR NON-VENTED
CB80120	Cortiva - Arterial, Metal Tip, 8.5" (21.6cm), Soft Flange, 20 Fr. (6.7mm), 3/8" Non-Vent Conn
CB81120	Cortiva - Arterial Cannula, Ultraflex Curved Tip, 10" (25cm) Soft Body, 3/8" Non-Vented Connector, 20 Fr.
CB81122	Cortiva - Arterial Cannula, Ultraflex Curved Tip, 10" (25cm) Soft Body, 3/8" Non-Vented Connector, 22 Fr.
CB87022	Cortiva - Arterial Cannula, Curved Tip, Wirewound 13" (33cm) Body, w/Flange, 22 Fr. (7.3mm)
CB87222	Cortiva - WireWound curved Tip Arterial Cannula, 22 Fr., 3/8" Vented Connector

EXTRACORPOREAL CIRCUIT - **Femoral Cannulae**

57414	DLP™ Femoral Arterial Cannulae, 14 Fr (4.7 mm)
57417	DLP™ Femoral Arterial Cannulae, 17 Fr (5.7 mm)
57421	DLP™ Femoral Arterial Cannulae, 21 Fr (7.0 mm)
96328	DLP™ Femoral Venous Cannulae, 28 Fr (9.3 mm)
96428	DLP™ Femoral Venous Cannulae, 28 Fr (9.3 mm)
96551	Bio-Medicus™ NextGen Femoral Venous Insertion Kit
96552	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Insertion Kit
96553	Bio-Medicus™ NextGen Pediatric Femoral Arterial/Venous Insertion Kit
96530-115	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 15 Fr (5.0 mm)
96530-117	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 17 Fr (5.7 mm)
96530-119	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 19 Fr (6.3 mm)
96530-121	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 21 Fr (7.0 mm)
96530-123	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 23 Fr (7.7 mm)
96530-125	Bio-Medicus™ NextGen Femoral Arterial/Jugular Venous Cannula Kits, 25 Fr (8.3 mm)
96570-115	Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Cannulae, 15 Fr (5.0 mm)
96570-117	Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Cannulae, 17 Fr (5.7 mm)
96570-119	Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 19 Fr (6.3 mm)
96570-121	Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 21 Fr (7.0 mm)
96570-123	Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 23 Fr (7.7 mm)
96570-125	Bio-Medicus™ NextGen Femoral Arterial or Jugular Venous Arterial Cannulae, 25 Fr (8.3 mm)
96600-115	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 15 Fr (5.0 mm)
96600-117	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 17 Fr (5.7 mm)
96600-119	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 19 Fr (6.3 mm)
96600-121	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 21 Fr (7.0 mm)
96600-123	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 23 Fr (7.7 mm)
96600-125	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 25 Fr (8.3 mm)
96600-127	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 27 Fr (9.0 mm)
96600-129	Bio-Medicus™ NextGen Femoral Venous Cannula Kits, 29 Fr (9.7 mm)
96670-115	Bio-Medicus™ NextGen Femoral Venous Cannulae, 15 Fr (5.0 mm)
96670-117	Bio-Medicus™ NextGen Femoral Venous Cannulae, 17 Fr (5.7 mm)
96670-119	Bio-Medicus™ NextGen Femoral Venous Cannulae, 19 Fr (6.3 mm)
96670-121	Bio-Medicus™ NextGen Femoral Venous Cannulae, 21 Fr (7.0 mm)
96670-123	Bio-Medicus™ NextGen Femoral Venous Cannulae, 23 Fr (7.7 mm)
96670-125	Bio-Medicus™ NextGen Femoral Venous Cannulae, 25 Fr (8.3 mm)
96670-127	Bio-Medicus™ NextGen Femoral Venous Cannulae, 27 Fr (9.0 mm)
96670-129	Bio-Medicus™ NextGen Femoral Venous Cannulae, 29 Fr (9.7 mm)
96820-108	Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 8 Fr (2.7 mm)
96820-110	Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 10 Fr (3.3 mm)
96820-112	Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 12 Fr (4.0 mm)
96820-114	Bio-Medicus™ NextGen Pediatric Femoral Arterial Cannulae, 14 Fr (4.7 mm)
96830-108	Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 8 Fr (2.7 mm)
96830-110	Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 10 Fr (3.3 mm)
96830-112	Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 12 Fr (4.0 mm)
96830-114	Bio-Medicus™ NextGen Pediatric Femoral Venous Cannulae, 14 Fr (4.7 mm)
96880-019	Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit, 19 Fr (6.3 mm)
96880-021	Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit, 21 Fr (7.0 mm)
96880-025	Bio-Medicus™ Multi-Stage Femoral Venous Cannulae with Insertion Kit, 25 Fr (8.3 mm)
CB96345-023	Cortiva - Adult Venous Femoral Cannula with 1/2" Non-Vented Connector, 30" (76.2 cm), 23 Fr.
CB96345-025	Cortiva - Adult Venous Femoral Cannula with 1/2" Non-Vented Connector, 30" (76.2 cm), 25 Fr.

CB96345-027	Cortiva - Adult Venous Femoral Cannula with 1/2" Non-Vented Connector, 30" (76.2 cm), 27 Fr.
CB96345-029	Cortiva - Adult Venous Femoral Cannula with 1/2" Non-Vented Connector, 30" (76.2 cm), 29 Fr.
CB96570-015	Cortiva - Femoral Arterial Cannula w/introducer 3/8" Connector with Lock-Vent, 17" (43.2 cm), 15 Fr.
CB96570-017	Cortiva - Femoral Arterial Cannula w/introducer 3/8" Connector with Lock-Vent, 17" (43.2 cm), 17 Fr.
CB96570-019	Cortiva - Femoral Arterial Cannula w/introducer 3/8" Connector with Lock-Vent, 17" (43.2 cm), 19 Fr.
CB96570-021	Cortiva - Femoral Arterial Cannula w/introducer 3/8" Connector with Lock-Vent, 17" (43.2 cm), 21 Fr.
CB96670-015	Cortiva - Femoral Venous Cannula w/introducer 3/8" Non-Vented Connector, 30" (76.2 cm), 15 Fr.
CB96670-017	Cortiva - Femoral Venous Cannula w/introducer 3/8" Non-Vented Connector, 30" (76.2 cm), 17 Fr.
CB96670-019	Cortiva - Femoral Venous Cannula w/introducer 3/8" Non-Vented Connector, 30" (76.2 cm), 19 Fr.
CB96670-021	Cortiva - Femoral Venous Cannula w/introducer 3/8" Non-Vented Connector, 30" (76.2 cm), 21 Fr.
CB96825-008	Cortiva - Pediatric Arterial Cannula with 1/4" Non-Vented Connector, 0.38mm, 7.5" (19 cm), 8 Fr.
CB96825-010	Cortiva - Pediatric Arterial Cannula with 1/4" Non-Vented Connector, 0.38mm, 7.5" (19 cm), 10 Fr.
CB96825-012	Cortiva - Pediatric Arterial Cannula with 1/4" Non-Vented Connector, 0.38mm, 7.5" (19 cm), 12 Fr.
CB96825-014	Cortiva - Pediatric Arterial Cannula with 1/4" Non-Vented Connector, 0.38mm, 7.5" (19 cm), 14 Fr.
CB96835-008	Cortiva - Pediatric Venous Cannula with 1/4" Non-Vented Connector, 0.38mm, 8 Fr. 7.5" (19 cm)
CB96835-010	Cortiva - Pediatric Venous Cannula with 1/4" Non-Vented Connector, 0.38mm, 10 Fr. 7.5" (19 cm)
CB96835-012	Cortiva - Pediatric Venous Cannula with 1/4" Non-Vented Connector, 0.38mm, 12 Fr. 7.5" (19 cm)
CB96835-014	Cortiva - Pediatric Venous Cannula with 1/4" Non-Vented Connector, 0.38mm, 14 Fr. 7.5" (19 cm)

EXTRACORPOREAL CIRCUIT - **Venous Cannulae**

66112	DLP™ Single Stage Venous Cannulae, 12 Fr (4.0 mm)
66114	DLP™ Single Stage Venous Cannulae, 14 Fr. (4.7 mm)
66116	DLP™ Single Stage Venous Cannulae, 16 Fr (5.3 mm)
66118	DLP™ Single Stage Venous Cannulae, 18 Fr (6.0 mm)
66120	DLP™ Single Stage Venous Cannulae, 20 Fr (6.7 mm)
66122	DLP™ Single Stage Venous Cannulae, 22 Fr (7.3 mm)
66124	DLP™ Single Stage Venous Cannulae, 24 Fr (8.0 mm)
66126	DLP™ Single Stage Venous Cannulae, 26 Fr (8.7 mm)
66128	DLP™ Single Stage Venous Cannulae, 28 Fr (9.3 mm)
66130	DLP™ Single Stage Venous Cannulae, 30 Fr (10.0 mm)
66132	DLP™ Single Stage Venous Cannulae, 32 Fr (10.7 mm)
66134	DLP™ Single Stage Venous Cannulae, 34 Fr (11.3 mm)
66136	DLP™ Single Stage Venous Cannulae, 36 Fr (12.0 mm)
66140	DLP™ Single Stage Venous Cannulae, 40 Fr (13.3 mm)
66236	DLP™ Single Stage Venous Cannulae, 36 Fr (12.0 mm)
67312	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 12 Fr (4.0 mm)
67314	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 14 Fr (4.7 mm)
67316	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 16 Fr (5.3 mm)
67318	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 18 Fr (6.0 mm)
67320	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 20 Fr (6.7 mm)
67512	DLP™ Right Angle Single Stage Venous Cannulae, 12 Fr (4.0 mm)
67514	DLP™ Right Angle Single Stage Venous Cannulae, 14 Fr (4.7 mm)
67516	DLP™ Right Angle Single Stage Venous Cannulae, 16 Fr (5.3 mm)
67518	DLP™ Right Angle Single Stage Venous Cannulae, 18 Fr (6.0 mm)
67520	DLP™ Right Angle Single Stage Venous Cannulae, 20 Fr (6.7 mm)
67522	DLP™ Right Angle Single Stage Venous Cannulae, 22 Fr (7.3 mm)
67524	DLP™ Right Angle Single Stage Venous Cannulae, 24 Fr (8.0 mm)
67526	DLP™ Right Angle Single Stage Venous Cannulae, 26 Fr (8.7 mm)
67528	DLP™ Right Angle Single Stage Venous Cannulae, 28 Fr (9.3 mm)
67530	DLP™ Right Angle Single Stage Venous Cannulae, 30 Fr (10.0 mm)
67532	DLP™ Right Angle Single Stage Venous Cannulae, 32 Fr (10.7 mm)
67534	DLP™ Right Angle Single Stage Venous Cannulae, 34 Fr (11.3 mm)
67636	DLP™ Right Angle Single Stage Venous Cannulae, 36 Fr (12.0 mm)
67638	DLP™ Right Angle Single Stage Venous Cannulae, 38 Fr (12.7 mm)
68112	DLP™ Malleable Single Stage Venous Cannulae, 12 Fr (4.0 mm)
68114	DLP™ Malleable Single Stage Venous Cannulae, 14 Fr (4.7 mm)
68116	DLP™ Malleable Single Stage Venous Cannulae, 16 Fr (5.3 mm)
68118	DLP™ Malleable Single Stage Venous Cannulae, 18 Fr (6.0 mm)
68120	DLP™ Malleable Single Stage Venous Cannulae, 20 Fr (6.7 mm)
68122	DLP™ Malleable Single Stage Venous Cannulae, 22 Fr (7.3 mm)
68124	DLP™ Malleable Single Stage Venous Cannulae, 24 Fr (8.0 mm)
68126	DLP™ Malleable Single Stage Venous Cannulae, 26 Fr (8.7 mm)
68128	DLP™ Malleable Single Stage Venous Cannulae, 28 Fr (9.3 mm)
68130	DLP™ Malleable Single Stage Venous Cannulae, 30 Fr (10.0 mm)
68132	DLP™ Malleable Single Stage Venous Cannulae, 32 Fr (10.7 mm)
68134	DLP™ Malleable Single Stage Venous Cannulae, 34 Fr (11.3 mm)
68136	DLP™ Malleable Single Stage Venous Cannulae, 36 Fr (12.0 mm)
68138	DLP™ Malleable Single Stage Venous Cannulae, 38 Fr (12.7 mm)
69312	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 12 Fr (4.0 mm)

Cannulae Product Code Listing by Family

69314	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 14 Fr (4.7 mm)
69316	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 16 Fr (5.3 mm)
69318	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 18 Fr (6.0 mm)
69320	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 20 Fr (6.7 mm)
69322	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 22 Fr (7.3 mm)
69324	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 24 Fr (8.0 mm)
69328	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 28 Fr (9.3 mm)
69331	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 31 Fr (10.3 mm)
69428	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 28 Fr (9.3 mm)
69431	DLP™ Single Stage Venous Cannulae with Right Angle Metal Tip, 31 Fr (10.3 mm)
91228	MC2™ Two Stage Venous Cannulae, 28/36 Fr (9.3/12.0 mm)
91229	MC2™ Two Stage Venous Cannulae, 29/37 Fr (9.7/12.3 mm)
91236	MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm)
91240	MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm)
91246	MC2™ Two Stage Venous Cannulae, 34/46 Fr (11.3/15.3 mm)
91251	MC2™ Two Stage Venous Cannulae, 36/51 Fr (12.0/17.0 mm)
91263	MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm)
91265	MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm)
91329	MC2™ Two Stage Venous Cannulae, 29/29 Fr (9.7/9.7 mm)
91429	MC2X™ Three Stage Venous Cannulae, 29/29/29 Fr (9.7/9.7/9.7 mm)
91437	MC2X™ Three Stage Venous Cannulae, 29/46/37 Fr (9.7/15.3/12.3 mm)
93438	VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm)
93448	VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm)
93463	VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm)
93464	VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm)
91228C	MC2™ Two Stage Venous Cannulae, 28/36 Fr (9.3/12.0 mm)
91229C	MC2™ Two Stage Venous Cannulae, 29/37 Fr (9.7/12.3 mm)
91236C	MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm)
91240C	MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm)
91246C	MC2™ Two Stage Venous Cannulae, 34/46 Fr (11.3/15.3 mm)
91251C	MC2™ Two Stage Venous Cannulae, 36/51 Fr (12.0/17.0 mm)
91263C	MC2™ Two Stage Venous Cannulae, 32/40 Fr (10.7/13.3 mm)
91265C	MC2™ Two Stage Venous Cannulae, 36/46 Fr (12.0/15.3 mm)
91329C	MC2™ Two Stage Venous Cannulae, 29/29 Fr (9.7/9.7 mm)
91429C	MC2X™ Three Stage Venous Cannulae, 29/29/29 Fr (9.7/9.7/9.7 mm)
91437C	MC2X™ Three Stage Venous Cannulae, 29/46/37 Fr (9.7/15.3/12.3 mm)
93438C	VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm)
93448C	VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm)
93463C	VC2™ Atrial Caval Venous Cannulae, 34/38 Fr (11.3/12.7 mm)
93464C	VC2™ Atrial Caval Venous Cannulae, 34/48 Fr (11.3/16.0 mm)
CB66112	Cortiva - Single Stage Venous Cannula Straight Tip, 12 Fr. (4.0mm), 1/4" Conn Site
CB66114	Cortiva - Single Stage Venous Cannula Straight Tip, 14 Fr. (4.7mm), 1/4" Conn Site
CB66116	Cortiva - Single Stage Venous Cannula Straight Tip, 16 Fr. (5.3mm), 1/4" Conn Site
CB66118	Cortiva - Single Stage Venous Cannula Straight Tip, 18 Fr. (6.0mm), 1/4" - 3/8" Conn Site
CB66120	Cortiva - Single Stage Venous Cannula Straight Tip, 20 Fr. (6.7mm), 1/4" - 3/8" Conn Site
CB66124	Cortiva - Single Stage Venous Cannula Straight Tip, 24 Fr. (8.0mm), 1/4" - 3/8" Conn Site
CB66128	Cortiva - Single Stage Venous Cannula Straight Tip, 28 Fr. (9.3mm), 3/8" Conn Site
CB66132	Cortiva - Single Stage Venous Cannula Straight Tip, 32 Fr. (10.7mm), 3/8" Conn Site
CB66236	Cortiva - Single Stage Venous Cannula Straight Tip, 36 Fr. (12mm), 3/8" Conn Site
CB67312	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, Pediatric Size, 12 Fr., 1/4" conn. Site
CB67314	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, Pediatric Size, 14 Fr., 1/4" conn. Site

CB67316	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, Pediatric Size, 16 Fr., 1/4" conn. Site
CB67318	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, Pediatric Size, 18 Fr., 1/4" conn. Site
CB67320	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, Pediatric Size, 20 Fr., 1/4" conn. Site
CB67520	Cortiva - Single Stage Venous Cann., Angled Tip, 20 Fr. (6.7mm), 1/4" - 3/8" Conn Site
CB67524	Cortiva - Single Stage Venous Cann., Angled Tip, 24 Fr. (8.0mm), 1/4" - 3/8" Conn Site
CB67528	Cortiva - Single Stage Venous Cannula, Angled Tip, 28 Fr. (9.3mm), 3/8" Conn Site
CB67530	Cortiva - Single Stage Venous Cann., Angled Tip, 30 Fr. (10.0mm), 3/8" Conn Site
CB67532	Cortiva - Single Stage Venous Cannula, Angled Tip, 32 Fr. (10.7mm), 3/8" Conn Site
CB67534	Cortiva - Single Stage Venous Cann., Angled Tip, 34 Fr. (11.3mm), 3/8" Conn Site
CB67636	Cortiva - Single Stage Venous Cannula, Angled Tip, 36 Fr. (12mm), 3/8" conn. Site
CB68112	Cortiva - Malleable Single Stage Venous Cannula, 12 Fr.
CB68114	Cortiva - Malleable Single Stage Venous Cannula, 14 Fr.
CB68116	Cortiva - Malleable Single Stage Venous Cannula, 16 Fr.
CB68118	Cortiva - Malleable Single Stage Venous Cannula, 18 Fr.
CB68120	Cortiva - Malleable Single Stage Venous Cannula, 20 Fr.
CB68124	Cortiva - Malleable Single Stage Venous Cannula, 24 Fr.
CB68128	Cortiva - Malleable Single Stage Venous Cannula, 28 Fr.
CB68132	Cortiva - Malleable Single Stage Venous Cannula, 32 Fr.
CB68136	Cortiva - Malleable Single Stage Venous Cannula, 36Fr.
CB69320	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, High Flow, 3/8" conn site, 20 Fr.
CB69324	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, High Flow, 3/8" conn site, 24 Fr.
CB69328	Cortiva - Single Stage Venous Cannula, Right Angle, Metal Tip, High Flow, 3/8" conn site, 28 Fr.
CB91228	Cortiva - MC2 Two Stage Venous Cannula 28/36 Fr. with 3/8" conn. Site
CB91228C	Cortiva - MC2 Two Stage Venous Cannula 28/36 Fr. with 1/2" Connector
CB91236C	Cortiva - MC2 Two Stage Venous Cannula 36/46 Fr. with 1/2" Connector
CB91240	Cortiva - MC2 Two Stage Venous Cannula 32/40 Fr. with 1/2" conn. Site
CB91240C	Cortiva - MC2 Two Stage Venous Cannula 32/40 Fr. with 1/2" Connector
CB91246	Cortiva - MC2 Two Stage Venous Cannula 34/46 Fr. with 1/2" conn. Site
CB91246C	Cortiva - MC2 Two Stage Venous Cannula 34/46 Fr. with 1/2" Connector
CB91263	Cortiva - Oval MC2 Venous Cannula 32/40 Fr. with 1/2" conn. Site
CB91263C	Cortiva - Oval MC2 Venous Cannula 32/40 Fr. with 1/2" Connector
CB91265	Cortiva - Oval MC2 Venous Cannula 36/46 Fr. with 1/2" conn. Site
CB91265C	Cortiva - Oval MC2 Venous Cannula 36/46 Fr. with 1/2" Connector
CB91329	Cortiva - Two Stage Venous Cannula 29/29 Fr. with 3/8" conn. Site
CB91329C	Cortiva - Two Stage Venous Cannula 29/29 Fr. with 3/8" Connector
CB91429	Cortiva - Three Stage Venous Cannula 29/ 29/ 29 Fr. with 3/8" conn. Site
CB91429C	Cortiva - Three Stage Venous Cannula 29/ 29/ 29 Fr. with 38/" barbed Connector
CB93438C	Cortiva - VC2 JR Atrial Caval, 34 Fr./38 Fr. (11.3mm/12mm) Wirewound 1/2" Connector

Medtronic

Extracorporeal Life Support - **Dual Lumen Catheters**

20130	Opus ™∗ Vascular Access Kit
70124	Crescent™∗ Jugular Dual Lumen Catheter 24 Fr
70126	Crescent™∗ Jugular Dual Lumen Catheter 26 Fr
70128	Crescent™∗ Jugular Dual Lumen Catheter 28 Fr
70130	Crescent™∗ Jugular Dual Lumen Catheter 30 Fr
70132	Crescent™∗ Jugular Dual Lumen Catheter 32 Fr

CARDIOPLEGIA CIRCUIT - <mark>**Antegrade Perfusion Cannulae**</mark>

10009	DLP™ Aortic Root Cannulae, 9 ga (11 Fr)
10012	DLP™ Aortic Root Cannulae, 12 ga (9 Fr)
10014	DLP™ Aortic Root Cannulae, 14 ga (7 Fr)
10016	DLP™ Aortic Root Cannulae, 16 ga (5 Fr)
10018	DLP™ Aortic Root Cannulae, 18 ga (4 Fr)
10112	DLP™ Aortic Root Cannulae, 12 ga (9 Fr)
10114	DLP™ Aortic Root Cannulae, 14 ga (7 Fr)
10218	DLP™ Aortic Root Cannulae, 18 ga (4 Fr)
10313	DLP™ Cardioplegia Needles, 13 ga (8 Fr)
11012	DLP™ Aortic Root Cannulae, 12 ga (9 Fr)
11014	DLP™ Aortic Root Cannulae, 14 ga (7 Fr)
11316	DLP™ Cardioplegia Needles, 16 ga (5 Fr)
12218	DLP™ Aortic Root Cannulae, 18 ga (4 Fr)
20009	DLP™ Aortic Root Cannulae with Vent Line, 9 ga (11 Fr)
20012	DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr)
20014	DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr)
20016	DLP™ Aortic Root Cannulae with Vent Line, 16 ga (5 Fr)
20112	DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr)
20114	DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr)
21012	DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr)
21014	DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr)
23009	DLP™ Aortic Root Cannulae, 9 ga (11 Fr)
24009	DLP™ Aortic Root Cannulae with Vent Line, 9 ga (11 Fr)
30010	DLP™ Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm)
30012	DLP™ Coronary Artery Ostial Cannulae, 12 Fr (4.0 mm)
30014	DLP™ Coronary Artery Ostial Cannulae, 14 Fr (4.7 mm)
30050	DLP™ Coronary Artery Ostial Cannulae
30055	DLP™ Coronary Artery Ostial Cannulae
30110	DLP™ High Flow Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm)
30112	DLP™ High Flow Coronary Artery Ostial Cannulae, 12 Fr (4.0 mm)
30114	DLP™ High Flow Coronary Artery Ostial Cannulae, 14 Fr (4.7 mm)
30155	DLP™ High Flow Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm)
30212	DLP™ High Flow Coronary Artery Ostial Cannulae, 12 Fr (4.0 mm)
30255	DLP™ High Flow Coronary Artery Ostial Cannulae, 10 Fr (3.3 mm)
30315	DLP™ Silicone Coronary Artery Ostial Cannulae, 15 Fr (5.0 mm)
30317	DLP™ Silicone Coronary Artery Ostial Cannulae, 17 Fr (5.7 mm)
30320	DLP™ Silicone Coronary Artery Ostial Cannulae, 20 Fr (6.7 mm)
30401	DLP™ Dual Lumen Aortic Root Cannulae with Vent Line, 12 ga (9 Fr)
11012L	MīAR™ Cannulae, 12 ga (9 Fr)
11014L	MīAR™ Cannulae, 14 ga (7 Fr)
20012S	DLP™ Aortic Root Cannulae with Vent Line, 12 ga (9 Fr)
20014L	DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr)
20114HWF	DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr)
20114WF	DLP™ Aortic Root Cannulae with Vent Line, 14 ga (7 Fr)
CB10012	Cortiva - Standard Aortic Root Cannula, 12ga (9 Fr.)
CB20012	Cortiva - Standard Aortic Root Cannula with Vent Line, 12ga (9 Fr.)

CARDIOPLEGIA CIRCUIT - **Retrograde Perfusion Cannulae**

94006	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 6 Fr (2.0 mm)
94010	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 10 Fr (3.3 mm)
94106	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 6 Fr (2.0 mm)
94110	Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 10 Fr (3.3 mm)
94533	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 13 Fr (4.3 mm)
94535	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94615	Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94625	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94665	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94715	Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94725	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94735	DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94745	DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94835	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94885	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94895	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94913	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 13 Fr (4.3 mm)
94915	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94935	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94965	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94975	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94995	DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94113T	Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 13 Fr (4.3 mm)
94115T	Gundry™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94215T	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 15 Fr (5.0 mm)
94315T	DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94415T	DLP™ Silicone RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94885K	DLP™ PVC RCSP Cannulae with Auto-Inflate Cuff, 15 Fr (5.0 mm)
94913L	DLP™ Silicone RCSP Cannulae with Manual-Inflate Cuff, 13 Fr (4.3 mm)

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Cannulae Product Code Listing by Family

CARDIOPLEGIA CIRCUIT - Cardioplegia Adapters

10001	DLP™ Straight Venting Adapters
10003	DLP™ "Y" Type Recirculating Adapters
10004	DLP™ "Y" Type Coronary Perfusion Adapters
10005	DLP™ "Y" Type Venting Adapters
10007	DLP™ Perfusion Adapters, 1/4 in (0.64 cm) barbed connector
10008	DLP™ Perfusion Adapters, 3/8 in (0.95 cm) barbed connector
10010	DLP™ Vein Graft Cannula
10022	DLP™ Perfusion Adapters, 1/4 in (0.64 cm) barbed connector
10534	DLP™ "Y" Type Venting Adapters
10700	DLP™ "Y" Type Coronary Perfusion Adapters
10706	DLP™ "Y" Type Coronary Perfusion Adapters
10710	DLP™ "Y" Type Coronary Perfusion Adapters
11001	DLP™ Extension Line Adapters, 10 in (25.4 cm) length
13000	ARISS™ Perfusion Switches
13001	DLP™ Antegrade/Retrograde Adapter
13002	DLP™ Perfusion/Venting Adapter
13003	DLP™ Cardioplegia Management Set
13004	ARISS™ Perfusion Switches
14000	DLP™ Multiple Perfusion Sets
14001	DLP™ Multiple Perfusion Sets
14003	DLP™ Multiple Perfusion Sets
14006	DLP™ Multiple Perfusion Sets
14007	DLP™ Multiple Perfusion Sets
14008	DLP™ Multiple Perfusion Sets
14013	DLP™ Multiple Perfusion Sets
14017	DLP™ Multiple Perfusion Sets
14031	DLP™ Multiple Perfusion Sets
15004	DLP™ Cardioplegia Adapter with Pressure Port
25009	DLP™ Pressure Monitoring Extension Line Adapters
25010	DLP™ Pressure Monitoring Extension Line Adapters
10001K	DLP™ Straight Venting Adapters
10004D	DLP™ "Y" Type Coronary Perfusion Adapters
10005BH	DLP™ "Y" Type Adapters
10005OS	DLP™ "Y" Type Adapters
11001G	DLP™ Extension Line Adapters, 20 in (50.8 cm) length

SUCTION CIRCUIT AND SURGICAL ACCESSORIES - <u>Suction Circuit Products</u>

|	
10050	DLP™ Cardiac Suction Tubes, 6 Fr (2.0 mm)
10051	DLP™ Cardiac Suction Tubes, 6 Fr (2.0 mm)
10052	DLP™ Cardiac Suction Tubes, 6 Fr (2.0 mm)
10053	DLP™ Cardiac Suction Tubes, 6 Fr (2.0 mm)
10060	DLP™ Intracardiac Suction Tube, 10 Fr (3.3 mm)
10061	DLP™ Rigid Suction Tubes, Macro Sucker, 20 Fr (6.7 mm)
10062	DLP™ Rigid Suction Tubes, Mini Sucker, 9 Fr (3.0 mm)
12001	DLP™ Left Heart Vent Catheters, 13 Fr (4.3 mm)
12002	DLP™ Left Heart Vent Catheters, 20 Fr (6.7 mm)
12008	DLP™ Left Heart Vent Catheters, 10 Fr (3.3 mm)
12010	DLP™ Pericardial Sumps, 1/4 in (0.64 cm) connector
12012	DLP™ Intracardiac Sumps, 20 Fr (6.7 mm)
12013	DLP™ Intracardiac Sumps, 12 Fr (4.0 mm)
12016	DLP™ Left Heart Vent Catheters, 16 Fr (5.3 mm)
12101	DLP™ Left Heart Vent Catheters, 13 Fr (4.3 mm)
12110	DLP™ Left Heart Vent Catheters, 10 Fr (3.3 mm)
12112	DLP™ Pericardial/Intracardiac Sumps, 20 Fr (4.0 mm)
12113	DLP™ Left Heart Vent Catheters, 13 Fr (4.3 mm)
12115	DLP™ Left Heart Vent Catheters, 15 Fr (5.0 mm)
12116	DLP™ Left Heart Vent Catheters, 16 Fr (5.3 mm)
12118	DLP™ Left Heart Vent Catheters, 18 Fr (6.0 mm)
12220	DLP™ Left Heart Vent Catheters, 20 Fr (6.7 mm)
CB12008	Cortiva - Left Heart Vent Catheter, PVC - Pediatric 10 Fr. (3.3mm), preformed 1/5" tip, vented slip conn., 13" (33.0cm)

SUCTION CIRCUIT AND SURGICAL ACCESSORIES - <u>Surgical Support Products</u>

10021	DLP™ Rapid Prime Sets
16130	DLP™ Coronary Artery Retraction Clips
16150	DLP™ Coronary Artery Retraction Clips
30000	DLP™ Vessel Cannulae, 3 mm beveled tip
30001	DLP™ Vessel Cannulae, 3 mm blunt tip
30003	DLP™ Vessel Cannulae, 3 mm blunt tip
30004	DLP™ Vessel Cannulae, 2 mm blunt tip
30005	DLP™ Vessel Cannulae, 4 mm acorn tip
30006	DLP™ Vessel Cannulae, 3 mm beveled tip
30007	DLP™ Vessel Cannulae, 3 mm beveled tip
30021	DLP™ Vessel Cannulae, 3 mm blunt tip
30022	DLP™ Vessel Cannulae, 3 mm blunt tip
30023	DLP™ Vessel Cannulae, 3 mm blunt tip
31001	DLP™ I.M.A. Cannulae, 1 mm tip
31002	DLP™ Arteriotomy Cannulae, 2 mm tip
31003	DLP™ Arteriotomy Cannulae, 3 mm tip
31102	DLP™ Arteriotomy Cannulae, 2 mm tip
31103	DLP™ Arteriotomy Cannulae, 3 mm tip
31104	DLP™ Arteriotomy Cannulae, 4 mm tip
31105	DLP™ Arteriotomy Cannulae, 5 mm tip
31106	DLP™ Arteriotomy Cannulae, 6 mm tip
38002	DLP™ Phrenic Nerve Pads
38003	DLP™ Phrenic Nerve Pads
40040	DLP™ IV-Decanters
50010	DLP™ Left Atrial Pressure Monitoring Catheter Placement Sets, 3 Fr (1.0 mm)
50011	DLP™ Left Atrial Pressure Monitoring Catheter Placement Sets, 5 Fr (1.7 mm)
60001	DLP™ Electro-Surgical Knife Cleaner
61000	DLP™ Disposable Pressure Display Sets
62000	DLP™ Disposable Pressure Display Sets
66000	Pressure Display Box
79003	DLP™ Tourniquet Sets
79004	DLP™ Tourniquet Sets
79005	DLP™ Tourniquet Sets
79006	DLP™ Tourniquet Sets
79008	Sure-Snare™ Tourniquet Sets
79009	DLP™ Tourniquet Sets
79010	TourniKwik™ Tourniquet Sets
79011	TourniKwik™ Tourniquet Sets
79012	TourniKwik™ Tourniquet Sets
79013	TourniKwik™ Tourniquet Sets
79015	DLP™ Tourniquet Sets
79016	DLP™ Tourniquet Sets
79020	Sure-Snare™ Tourniquet Sets
79022	DLP™ Tourniquet Sets
79023	DLP™ Tourniquet Sets
79026	DLP™ Tourniquet Sets
79027	DLP™ Tourniquet Sets

BIPOLAR Pacing Catheter
Temporärer Einschwemm-Stimulationskatheter
Temporary floating balloon catheter
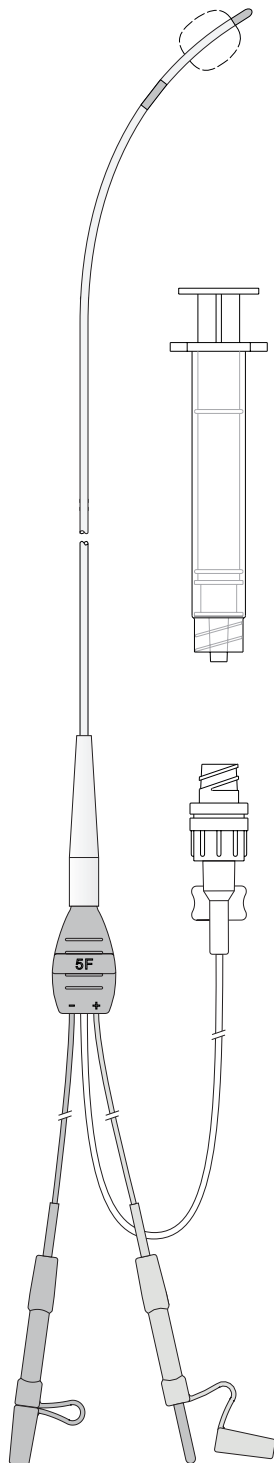
Artikelbeschreibung	Product Description
Temporärer bipolarer und röntgendichter Einschwemm-Stimulationskatheter für die temporäre transvenöse Stimulation mit Hilfe eines externen Herzschrittmachers.	Temporary bipolar and radiopaque floating balloon catheter for temporary transvenous stimulation by means of an external pacemaker.

Typ: .... **Einschwemm-Stimulationskatheter**
Durchmesser F (mm): ....*5 (1,67)*
Nutzb. Katheterlänge: ....*110 cm*
Ballon-Durchmesser:.............................max. *9 mm*
Flexiblität: .... *weich*
Elektrodenabstand: ....*10 mm*
Elektrodenbreite: ....*3 mm*

Type:............................**Floating balloon catheter**
Diameter F (mm):..*5 (1.67)*
Usable lead length: ....*110 cm*
Balloon-Diameter: ....max. *9 mm*
Flexibility: ....*soft*
Electrode distance: ....*10 mm*
Electrode width: ....*3 mm*

Lieferumfang: Einschwemm-Stimulationskatheter
              Spritze .... *0,75 cm³*

Empfohlenes Einführbesteck: 6F

Delivery volume: Floating balloon catheter
                Syringe .... *0,75 cm³*

Recommended introducer set: 6F

Artikelbezeichnung Product name		Artikel-Nr. Article-no.	Stück Unit
Temporärer Einschwemm-Stimulationskatheter Temporary floating balloon catheter		29207-BS	5
Zubehör / Accessory			
Verlängerungskabel / extension cable	D 2-SP	81973	5
Verlängerungskabel weiß/ extension cable white	D 2P-SP	81986WS	5
Verlängerungskabel blau/ extension cable blue	D 2P-SP	81986BL	5

Die Lieferung erfolgt gas-sterilisiert.
Für Einmalgebrauch bestimmt!
Goods supplied gas-sterilized.
For single use only!

Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.
We reserve the right to make changes to reflect technical advancements.

OSYPKA