



Cardiovascular Products **CATALOGUE**

—
TO ADDRESS
GLOBAL MEDICAL NEEDS



LEPU MEDICAL TECHNOLOGY (BEIJING) CO., LTD.

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Lepu Medical Technology (Beijing) Co., Ltd.

COMPANY PROFILE

LEPU MEDICAL

Major Subsidiaries



The **Global Leading Group Company** in the Fields of High-tech Medical Devices and Equipment



Lepu Medical Technology (Beijing) Co., Ltd. was established in 1999. Lepu Medical is specialized in developing, manufacturing and distributing the high-tech medical devices and equipment. Today, Lepu Medical has grown into a global leading group company in the fields of cardiovascular, neurovascular and peripheral vascular interventions, structural heart diseases, surgical cardiology, cardiac rhythm management, anesthesia and critical care, in vitro diagnostics and general surgery with products include coronary stents, dilatation balloon catheters, interventional accessories, occlusion devices, mechanical heart valves, electrophysiology catheters, pacemakers, in vitro diagnostic products, critical care products, angiography systems and surgical staplers. In 2009, Lepu Medical went public in ChiNext Shenzhen Stock Exchange market (stock code: 300003).

Now Lepu Medical totally has 32 primary subsidiary companies worldwide. Currently, there are 123 products have received the CE certificates, and 17 products have got the FDA approvals. As the National Interventional Cardiology Medical Instruments & Engineering Technology Research Center, Lepu Medical Group's top strategy is to build up a 4 in 1 platform includes medical devices, medicines, health services and mobile medicals for cardiac treatments.

Lepu Medical has established three overseas subsidiary companies in Netherland, Turkey and India, obtained local registrations in 27 countries, and built the sales and distribution channels in over 80 countries and regions. Lepu Medical upholds "integrity, quality and scientific innovation" as its spirit, commitments to provide the best quality of products and services to satisfy the needs of healthcare professionals and patients.

This catalogue includes information of products available in certain countries. Availability of these products may vary with locations. Please contact Lepu Medical for more information about the approval in your region.

TABLE OF CONTENTS

01 Coronary Stents

- 03 NeoVas™ Sirolimus-eluting Bioresorbable Coronary Scaffold System
- 04 Nano+™ Polymer-free Sirolimus-eluting Coronary Stent System
- 05 GuReater® CoCr Sirolimus-eluting Coronary Stent System CE
- 06 Partner® Sirolimus-eluting Coronary Stent System CE
- 07 H-Stent™ Coronary Stent System CE

02 Coronary Balloons

- PTCA Balloons**
- 09 Vesselin® Drug Coated Coronary Balloon Catheter
 - 10 Vesscide™ Cutting Balloon System
 - 11 Hoper™ PTCA Balloon Dilatation Catheter CE FDA
 - 12 Mini Tadpole™ Coronary Dilatation Catheter CE
 - 13 Tadpole™ Coronary Dilatation Catheter CE

- NC Balloon**
- 14 NC Tadpole™ Coronary Dilatation Catheter CE

03 Catheters

- 17 Angiographic Catheter
- 19 Orien™ Guiding Catheter CE
- 21 Thromsweeper™ Thrombus Extraction Catheter
- 22 Deliver™ Infusion Catheter

04 Guide Wires

- 25 Angiographic Guide Wire
- 26 Ultraskin™ Hydrophilic Guide Wire CE FDA
- 27 Balancium Guide Wire CE

05 Introducer Sheaths

- 29 Shoocin™ Introducer Kit CE FDA
- 31 Brilliant™ Introducer Kit CE FDA

06 Accessories

- 35 Rayband™ Radial Artery Compression Tourniquet CE FDA
- 36 Angioway™ Y-Hemostasis Valve Set CE FDA
- 37 Angiopower™ Inflation Device CE FDA
- 38 Inflation Devices Kit CE FDA
- 39 Angioway™ Manifolds CE
- 40 Angioway™ High Pressure Extension Tubings CE
- 41 Introducer Needle
- 42 Angiospring™ Angiography Control Syringe CE
- 43 Contrast Medium Injection Manifold Kits CE

07 Peripheral Interventional Products

- PTA Balloon**
- 45 Supercross™ PTA Balloon Dilatation Catheters CE

08 Structural Heart Diseases Products

- 49 MemoCarna® Atrial Septal Defect Occluder
- 50 MemoPart™ Atrial Septal Defect (ASD) Occluder CE
- 52 MemoPart™ Ventricular Septal Defect (VSD) Occluder CE
- 55 MemoPart™ Patent Ductus Arteriosus (PDA) Occluder CE
- 57 MemoPart™ Patent Foramen Ovale (PFO) Occluder CE
- 58 MemoLefort® Left Atrial Appendage Occluder
- 59 MemoPart™ Plug
- 60 MemoPart™ Snare CE
- 61 MemoPart™ Occluder Delivery System CE

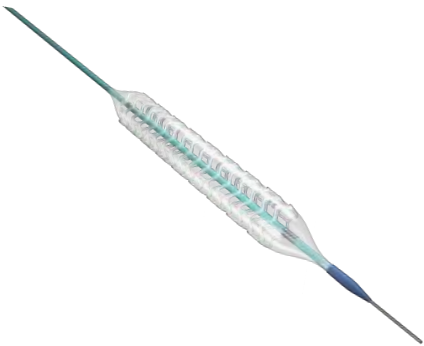
09 Neurovascular Products

- 65 Perdenser® Embolic Coil System CE
- 68 Perfiller® Expansible Embolic Coil System CE
- 70 Deromper® Coil Detachment Controller CE
- 71 Frepass® Disposable Microcatheter CE
- 72 Proender® Disposable Embolic Protection Device CE
- 73 Freble™ Disposable Intermediate Catheter

01 / Coronary Stents



- 03 NeoVas™ Sirolimus-eluting Bioresorbable Coronary Scaffold System
- 04 Nano+™ Polymer-free Sirolimus-eluting Coronary Stent System
- 05 GuReater® CoCr Sirolimus-eluting Coronary Stent System CE
- 06 Partner® Sirolimus-eluting Coronary Stent System CE
- 07 H-Stent™ Coronary Stent System CE



NeoVas™
Sirolimus-eluting
Bioresorbable Coronary
Scaffold System

Compliance Chart

Balloon Diameter (mm)	Pressure kPa (atm)										
	203 (2)	405 (4)	608 (6)	709 (7)	810 (8)	1013 (10)	1216 (12)	1418 (14)	1621 (16)	1824 (18)	2027 (20)
2.75	2.60	2.66	2.71	2.73	2.75	2.82	2.88	2.94	3.00	3.06	3.12
3.0	2.84	2.89	2.95	2.97	3.00	3.06	3.12	3.18	3.25	3.30	3.36
3.5	3.37	3.42	3.47	3.50	3.54	3.61	3.68	3.75	3.81	3.88	3.95

NP

RBP

DO NOT EXCEED RBP

Stent Platform

- Fully degradable poly(L-lactide)
- Sine wave structure in space, In-phase peak-valley connection

Drug coating

- Fully degradable poly(D,L-lactide)
- Effectively control sirolimus release rate

Drug

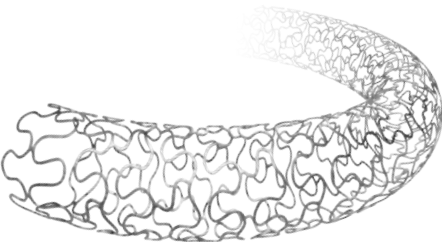
- Classical Sirolimus with dose of 15.3ug/mm
- Inhibit the proliferation and migration of smooth muscle cells

Delivery system

- Completely self-developed second-generation rapid-exchange balloon dilatation catheter
- Superior pushability and crossability

Ordering Information

Stent Diameter (mm)	Stent Length (mm)				
	12	15	18	21	24
2.75	LPS 2712	LPS 2715	LPS 2718	LPS 2721	LPS 2724
3.0	LPS 3012	LPS 3015	LPS 3018	LPS 3021	LPS 3024
3.5	LPS 3512	LPS 3515	LPS 3518	LPS 3521	LPS 3524



Nano+™
Polymer-free
Sirolimus-eluting
Coronary Stent System

Ordering Information

Stent Diameter (mm)	Stent Length (mm)							
	12	15	18	21	24	29	33	36
2.5	LPRPS2512	LPRPS2515	LPRPS2518	LPRPS2521	LPRPS2524	LPRPS2529	LPRPS2533	LPRPS2536
2.75	LPRPS2712	LPRPS2715	LPRPS2718	LPRPS2721	LPRPS2724	LPRPS2729	LPRPS2733	LPRPS2736
3.0	LPRPS3012	LPRPS3015	LPRPS3018	LPRPS3021	LPRPS3024	LPRPS3029	LPRPS3033	LPRPS3036
3.5	LPRPS3512	LPRPS3515	LPRPS3518	LPRPS3521	LPRPS3524	LPRPS3529	LPRPS3533	LPRPS3536
4.0	LPRPS4012	LPRPS4015	LPRPS4018	LPRPS4021	LPRPS4024	LPRPS4029	LPRPS4033	LPRPS4036

*Notice: Please contact local sales for details before placing order.

The efficacy of DES

- Nanoporous cavities on strut abluminal surface functioning as drug carrier to ensure the firm adhesion.
- Post-treatment after drug loading helps with sustained drug release.
- Scientific drug releasing period effectively inhibits SMC migration and proliferation.

The safety of BMS

- Polymer-free design significantly reduces the inflammatory response after stent implantation compare to polymer coating stent, which guarantees the long-term safety.
- Polymer-free design facilitates earlier endothelialization which shorten the DAPT time.
- The rough strut surface helps with easier and faster endothelialization to reduce the risk of thrombosis.

New delivery system

- Soft tapered tip provides smooth transition from guidewire to balloon catheter and excellent crossability.
- Short shoulder design at both ends of the balloon reduces the damage to normal vessel next to the lesion.
- Patented hydrophilic coating on distal shaft provides outstanding pushability.

Technical Parameters

Stent Material	316L Stainless Steel
Strut Design	Nanoporous drug carrier on abluminal surface
Metal to Artery Ratio	15%
Recoil	< 2%
Shortening	< 1%
Crossing Profile	0.035*(0.90mm)



Features:

- 75 µm ultrathin strut thickness and unique strut structure guarantee the excellent compliance of the stent during delivery.
- PLGA biodegradable polymer coating provides precise drug releasing control and scientific degradation period.
- CoCr stent has great radiopacity, biocompatibility, and provides excellent balance between radial strength and flexibility.
- MRI compatible

GuReater®

CoCr
Sirolimus-eluting
Coronary Stent System



Technical Parameters

Stent Material	L605 CoCr Alloy
Strut Design	Open cell
Metal to Artery Ratio	15%
Recoil	3.4%
Shortening	< 1%
Strut Thickness	75 µm
Crossing Profile	0.035" (0.90mm)

Ordering Information

Stent Diameter (mm)	Stent Length (mm)							
	12	15	18	21	24	29	33	36
2.5	LPRPC 2512	LPRPC 2515	LPRPC 2518	LPRPC 2521	LPRPC 2524	LPRPC 2529	LPRPC 2533	LPRPC 2536
2.75	LPRPC 2712	LPRPC 2715	LPRPC 2718	LPRPC 2721	LPRPC 2724	LPRPC 2729	LPRPC 2733	LPRPC 2736
3.0	LPRPC 3012	LPRPC 3015	LPRPC 3018	LPRPC 3021	LPRPC 3024	LPRPC 3029	LPRPC 3033	LPRPC 3036
3.5	LPRPC 3512	LPRPC 3515	LPRPC 3518	LPRPC 3521	LPRPC 3524	LPRPC 3529	LPRPC 3533	LPRPC 3536
4.0	LPRPC 4012	LPRPC 4015	LPRPC 4018	LPRPC 4021	LPRPC 4024	LPRPC 4029	LPRPC 4033	LPRPC 4036
4.5	LPRPC 4512	LPRPC 4515	LPRPC 4518	LPRPC 4521	LPRPC 4524	LPRPC 4529	LPRPC 4533	LPRPC 4536

*Notice: Please contact local sales for details before placing order.



Features

- PBMA/PEVA double layer polymer coating provides optimal drug releasing control.
- Scientific drug releasing period effectively inhibits SMC migration and proliferation.
- The thickness of polymer coating is only 6µm, which ensures the good deliverability.
- Optimal strut thickness provides favorable balance between radial strength and easier endothelialization.
- Large open cell design allows of excellent side branch access.

Partner®

Sirolimus-eluting
Coronary Stent System

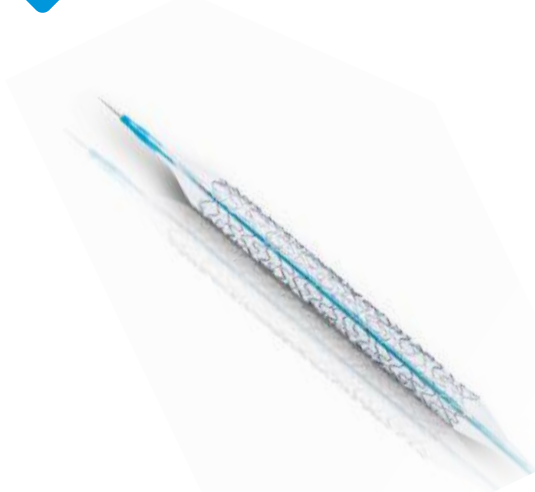


Technical Parameters

Stent Material	316L Stainless Steel
Strut Design	Open cell
Strut Thickness	90µm
Metal to Artery Ratio	15%
Recoil	< 2%
Shortening	< 1%
Crossing Profile	0.90mm (0.035")

Ordering Information

Stent Diameter (mm)	Stent Length (mm)							
	12	15	18	21	24	29	33	36
2.5	LPRP 2512	LPRP 2515	LPRP 2518	LPRP 2521	LPRP 2524	LPRP 2529	LPRP 2533	LPRP 2536
2.75	LPRP 2712	LPRP 2715	LPRP 2718	LPRP 2721	LPRP 2724	LPRP 2729	LPRP 2733	LPRP 2736
3.0	LPRP 3012	LPRP 3015	LPRP 3018	LPRP 3021	LPRP 3024	LPRP 3029	LPRP 3033	LPRP 3036
3.5	LPRP 3512	LPRP 3515	LPRP 3518	LPRP 3521	LPRP 3524	LPRP 3529	LPRP 3533	LPRP 3536
4.0	LPRP 4012	LPRP 4015	LPRP 4018	LPRP 4021	LPRP 4024	LPRP 4029	LPRP 4033	LPRP 4036



- Features:**
- Optimal strut thickness provides favorable balance between radial strength and deliverability.
 - Patented double-helix structure design ensures outstanding flexibility and compliance.
 - Large open cell design allows of excellent side branch access.

H-Stent™
Coronary Stent
System
CE

Technical Parameters	
Stent Material	316L Stainless Steel
Strut Design	Open cell
Metal to Artery Ratio	15%-18%
Recoil	< 2%
Shortening	< 1%
Strut Thickness	85µm (0.0033")
Crossing Profile	0.90mm (0.035")

Ordering Information

Stent Diameter (mm)	Stent Length (mm)													
	9	12	14*	15*	16	18*	20	21*	22*	24	27*	29	33*	36*
2.5	LPCSRX 2509	LPCSRX 2512	LPCSRX 2514	LPCSRX 2515	LPCSRX 2516	LPCSRX 2518	LPCSRX 2520	LPCSRX 2521	LPCSRX 2522	LPCSRX 2524	LPCSRX 2527	LPCSRX 2529	LPCSRX 2533	LPCSRX 2536
2.75	LPCSRX 2709	LPCSRX 2712	LPCSRX 2714	LPCSRX 2715	LPCSRX 2716	LPCSRX 2718	LPCSRX 2720	LPCSRX 2721	LPCSRX 2722	LPCSRX 2724	LPCSRX 2727	LPCSRX 2729	LPCSRX 2733	LPCSRX 2736
3.0	LPCSRX 3009	LPCSRX 3012	LPCSRX 3014	LPCSRX 3015	LPCSRX 3016	LPCSRX 3018	LPCSRX 3020	LPCSRX 3021	LPCSRX 3022	LPCSRX 3024	LPCSRX 3027	LPCSRX 3029	LPCSRX 3033	LPCSRX 3036
3.5	/	LPCSRX 3512	LPCSRX 3514	LPCSRX 3515	LPCSRX 3516	LPCSRX 3518	LPCSRX 3520	LPCSRX 3521	LPCSRX 3522	LPCSRX 3524	LPCSRX 3527	LPCSRX 3529	LPCSRX 3533	LPCSRX 3536
4.0	/	LPCSRX 4012	LPCSRX 4014	LPCSRX 4015	LPCSRX 4016	LPCSRX 4018	LPCSRX 4020	LPCSRX 4021	LPCSRX 4022	LPCSRX 4024	LPCSRX 4027	LPCSRX 4029	LPCSRX 4033	LPCSRX 4036

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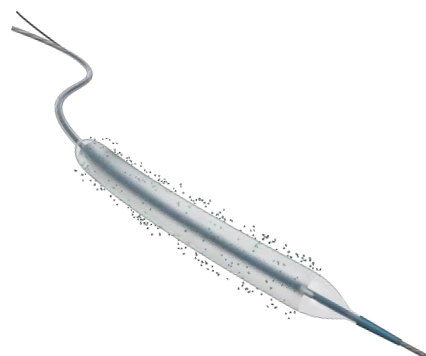
02
Coronary
Balloons

PTCA Balloons

- 09 Vesselin® Drug Coated Coronary Balloon Catheter
- 10 Vesside™ Cutting Balloon System
- 11 Hoper™ PTCA Balloon Dilatation Catheter CE FDA
- 12 Mini Tadpole™ Coronary Dilatation Catheter CE
- 13 Tadpole™ Coronary Dilatation Catheter CE

NC Balloon

- 14 NC Tadpole™ Coronary Dilatation Catheter CE



Materials

Improved PEBAX guarantees higher flexibility and enhanced crossability.

Drug

Loaded Paclitaxel inhibit restenosis continuously.

Drug Coating

Coated with Active Pharmaceutical Ingredients grade urea, provide better biocompatibility, facilitate drug releasing effectively.

Delivery system

Spiral cut hypotube design, strengthen the transition section, bring optimized deliverability for transition.

Vesselin®

Drug Coated Coronary Balloon Catheter

Technical Parameters

Distal Shaft O.D.	2.6F
Minimum Guiding Catheter Compatibility	5F
Guide wire Compatibility	0.014"
Effective Length	1350mm
Nominal Pressure	8 atm(Φ2.0mm-Φ3.0mm)/ 6 atm(Φ3.5mm-Φ4.5mm)
Rated Burst Pressure	16 atm(Φ2.0mm-Φ3.5mm)/14 atm(Φ4.0mm-Φ4.5mm)

Ordering Information

Diameter (mm)	Length (mm)									
	9	12	14	16	20	24	28	31	35	38
2.0	LPCDB 20009	LPCDB 20012	LPCDB 20014	LPCDB 20016	LPCDB 20020	LPCDB 20024	LPCDB 20028	LPCDB 20031	LPCDB 20035	LPCDB 20038
2.5	LPCDB 25009	LPCDB 25012	LPCDB 25014	LPCDB 25016	LPCDB 25020	LPCDB 25024	LPCDB 25028	LPCDB 25031	LPCDB 25035	LPCDB 25038
2.75	LPCDB 27009	LPCDB 27012	LPCDB 27014	LPCDB 27016	LPCDB 27020	LPCDB 27024	LPCDB 27028	LPCDB 27031	LPCDB 27035	LPCDB 27038
3.0	--	LPCDB 30012	--	LPCDB 30016	LPCDB 30020	LPCDB 30024	LPCDB 30028	LPCDB 30031	LPCDB 30035	LPCDB 30038
3.5	--	LPCDB 35012	--	LPCDB 35016	LPCDB 35020	LPCDB 35024	LPCDB 35028	LPCDB 35031	LPCDB 35035	LPCDB 35038
4.0	--	LPCDB 40012	--	LPCDB 40016	LPCDB 40020	LPCDB 40024	LPCDB 40028	LPCDB 40031	LPCDB 40035	LPCDB 40038



Vesscide™

Cutting Balloon System

Features

- Segmented Microsurgical blades Design.
- Semi-compliant balloon.
- Inlaid platinum marker.
- Patent hydrophilic coating-Hydrosurf™.

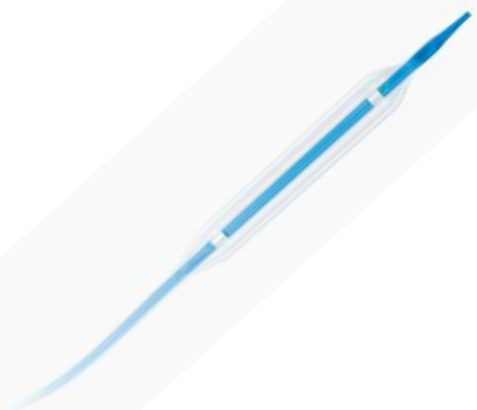
Compliance table

Diameter (mm)	Pressure (atm)								
	4	5	6	7	8	9	10	11	12
2.0	1.90	1.95	2.00	2.04	2.08	2.12	2.16	2.20	2.25
2.25	2.15	2.20	2.25	2.29	2.33	2.37	2.41	2.45	2.50
2.5	2.40	2.45	2.50	2.54	2.58	2.62	2.66	2.70	2.75
2.75	2.65	2.70	2.75	2.79	2.83	2.87	2.91	2.95	3.00
3.0	2.90	2.95	3.00	3.04	3.08	3.12	3.16	3.20	3.25
3.25	3.15	3.20	3.25	3.29	3.33	3.37	3.41	3.45	3.50
3.5	3.40	3.45	3.50	3.54	3.58	3.62	3.66	3.70	3.75
3.75	3.65	3.70	3.75	3.79	3.83	3.87	3.91	3.95	4.00
4.0	3.90	3.95	4.00	4.04	4.08	4.12	4.16	4.20	4.25

Ordering Information

Balloon Diameter (mm)	Balloon Length (mm)			Number of blades
	5	10	15	
2.0	√	√	√	3
2.25	√	√	√	
2.5	√	√	√	
2.75	√	√	√	
3.0	√	√	√	
3.25	√	√	√	4
3.75	√	√	√	
4.0	√	√	√	

Notice: The sizes with * mark require a minimum quantity of 10 pcs per order. Please contact local sales for details before placing order.



Features

- Small tip profile for excellent crossability.
- Three-directional memory folding of the balloon allows of size minimization with great withdrawal capability, and ensures the good performance of repeated dilatation.
- Soft tapered tip provides smooth transition from guidewire to balloon catheter to avoid “fish mouth”, and minimize the vessel damage.
- Transparent hub is convenient to observe the air bubble to reduce the operation risk.

Hoper™
PTCA Balloon
Dilatation Catheter



Technical Parameters

Catheter Design	Rapid Exchange
Balloon Compliance	Semi-compliant
Marker	2
Distal Shaft O.D.	2.8F
Proximal Shaft O.D.	2.3F
Tip Profile	0.017"
Minimum Guiding Catheter Compatibility	5F (0.056")
Guide Wire Compatibility	0.014"
Effective Length	135cm
Nominal Pressure	8 atm (φ1.5mm-3.0mm) / 6 atm (φ3.5mm-4.0mm)
Rated Burst Pressure	16 atm (φ1.5mm-3.5mm) / 14 atm (φ4.0mm)

Ordering Information

Balloon Diameter (mm)	Balloon Length (mm)										
	9	11*	12	14*	16	18	20	22*	24	26*	30
1.5	LPRX 15009	LPRX 15011	LPRX 15012	LPRX 15014	LPRX 15016	LPRX 15018	LPRX 15020	LPRX 15022	LPRX 15024	LPRX 15026	LPRX 15030
1.75	LPRX 17009	LPRX 17011	LPRX 17012	LPRX 17014	LPRX 17016	LPRX 17018	LPRX 17020	LPRX 17022	LPRX 17024	LPRX 17026	LPRX 17030
2.0	LPRX 20009	LPRX 20011	LPRX 20012	LPRX 20014	LPRX 20016	LPRX 20018	LPRX 20020	LPRX 20022	LPRX 20024	LPRX 20026	LPRX 20030
2.5	LPRX 25009	LPRX 25011	LPRX 25012	LPRX 25014	LPRX 25016	LPRX 25018	LPRX 25020	LPRX 25022	LPRX 25024	LPRX 25026	LPRX 25030
2.75	LPRX 27009	LPRX 27011	LPRX 27012	LPRX 27014	LPRX 27016	LPRX 27018	LPRX 27020	LPRX 27022	LPRX 27024	LPRX 27026	LPRX 27030
3.0	LPRX 30009	LPRX 30011	LPRX 30012	LPRX 30014	LPRX 30016	LPRX 30018	LPRX 30020	LPRX 30022	LPRX 30024	LPRX 30026	LPRX 30030
3.5	LPRX 35009	LPRX 35011	LPRX 35012	LPRX 35014	LPRX 35016	LPRX 35018	LPRX 35020	LPRX 35022	LPRX 35024	LPRX 35026	LPRX 35030
4.0	LPRX 40009	LPRX 40011	LPRX 40012	LPRX 40014	LPRX 40016	LPRX 40018	LPRX 40020	LPRX 40022	LPRX 40024	LPRX 40026	LPRX 40030

Notice: The sizes with * mark require a minimum quantity of 10 pcs per order. Please contact local sales for details before placing order.



Mini Tadpole™
Coronary Dilatation
Catheter



Features:

- Small tip and crossing profiles ensure the better performance for CTO lesions.
- Capable for kissing balloon under 6F guiding catheter.
- Patented hydrophilic coating on distal shaft and Hypotube proximal shaft provide outstanding deliverability.
- Three-directional memory folding of the balloon allows of size minimization with great withdrawal capability, and ensures the good performance of repeated dilatation.
- Soft tapered tip provides smooth transition from guidewire to balloon catheter to avoid “fish mouth”, and minimize the vessel damage.
- Short shoulder design at both ends of the balloon ensures the precise dilatation, and reduces the damage to normal vessel next to the lesion.

Technical Parameters

Catheter Design	Rapid Exchange
Balloon Compliance	Semi-compliant
Marker	2
Distal Shaft O.D.	2.7F
Proximal Shaft O.D.	1.9F
Tip Profile	0.017"
Minimum Guiding Catheter Compatibility	5F (0.056")
Guide Wire Compatibility	0.014"
Effective Length	142cm
Nominal Pressure	8 atm
Rated Burst Pressure	16 atm

Ordering Information

Balloon Diameter (mm)							
	8	10	12	15	20	25	30
1.5	LPMRX 15008	LPMRX 15010	LPMRX 15012	LPMRX 15015	LPMRX 15020	LPMRX 15025	/
1.75	LPMRX 17008	LPMRX 17010	LPMRX 17012	LPMRX 17015	LPMRX 17020	LPMRX 17025	LPMRX 17030
2.0	LPMRX 20008	LPMRX 20010	LPMRX 20012	LPMRX 20015	LPMRX 20020	LPMRX 20025	LPMRX 20030

*Notice: Please contact local sales for details before placing order.

Features

- Outstanding performance for kissing balloon under 6F guiding catheter.
- Patented hydrophilic coating on distal shaft and Hypotube proximal shaft provide outstanding deliverability.
- Three-directional memory folding of the balloon allows of size minimization with great withdrawal capability, and ensures the good performance of repeated dilatation.
- Soft tapered tip provides smooth transition from guidewire to balloon catheter to avoid “fish mouth”, and minimize the vessel damage.
- Short shoulder design at both ends of the balloon ensures the precise dilatation, and reduces the damage to normal vessel next to the lesion.

Technical Parameters

Catheter Design	Rapid Exchange
Balloon Compliance	Semi-compliant
Marker	2
Distal Shaft O.D.	2.7F
Proximal Shaft O.D.	1.9F
Tip Profile	0.017"
Minimum Guiding Catheter Compatibility	5F (0.056")
Guide Wire Compatibility	0.014"
Effective Length	142cm
Nominal Pressure	8 atm (φ2.25mm-3.0mm) / 6 atm (φ3.5mm-4.0mm)
Rated Burst Pressure	16 atm (φ2.25mm-3.75mm) / 14 atm (φ4.0mm)

Ordering Information

Balloon Diameter (mm)	Balloon Length (mm)						
	8	10	12	15	20	25	30
2.5	LPCR 25008	LPCR 25010	LPCR 25012	LPCR 25015	LPCR 25020	LPCR 25025	LPCR 25030
2.75	LPCR 27008	LPCR 27010	LPCR 27012	LPCR 27015	LPCR 27020	LPCR 27025	LPCR 27030
3.0	LPCR 30008	LPCR 30010	LPCR 30012	LPCR 30015	LPCR 30020	LPCR 30025	LPCR 30030
3.5	LPCR 35008	LPCR 35010	LPCR 35012	LPCR 35015	LPCR 35020	LPCR 35025	LPCR 35030
4.0	LPCR 40008	LPCR 40010	LPCR 40012	LPCR 40015	LPCR 40020	LPCR 40025	LPCR 40030

Notice: The sizes with * mark require a minimum quantity of 10 pcs per order. Please contact local sales for details before placing order.

Features:

- Strong radial strength with high RBP (22 atm) contributes to excellent stent apposition for post-dilatation.
- Patented hydrophilic coating on distal shaft provides outstanding deliverability.
- Three-directional memory folding of the balloon allows of size minimization with great withdrawal capability, and ensures the good performance of repeated dilatation.
- Soft tapered tip provides smooth transition from guidewire to balloon catheter to avoid “fish mouth”, and minimize the vessel damage.
- Short shoulder design at both ends of the balloon ensures the precise dilatation, and reduces the damage to normal vessel next to the lesion.

Technical Parameters

Material	Nylon
Catheter Design	Rapid Exchange
Balloon Compliance	Non-compliant
Marker	2
Distal Shaft O.D.	2.7F
Proximal Shaft O.D.	2.3F
Tip Profile	0.018"
Minimum Guiding Catheter Compatibility	5F (0.056")
Guide Wire Compatibility	0.014"
Effective Length	135cm
Nominal Pressure	14 atm
Rated Burst Pressure	22 atm

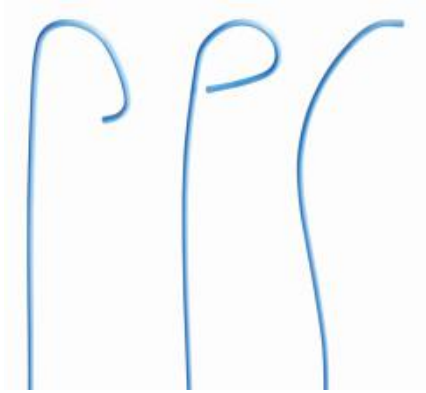
Ordering Information

Balloon Diameter (mm)	Balloon Length (mm)							
	6	8	10	12	15	20	25	30
1.5	LPNRX15006	LPNRX15008	LPNRX15010	LPNRX15012	LPNRX15015	LPNRX15020	LPNRX15025*	LPNRX15030*
2.0	LPNRX20006	LPNRX20008	LPNRX20010	LPNRX20012	LPNRX20015	LPNRX20020	LPNRX20025	LPNRX20030
2.25	LPNRX22006	LPNRX22008	LPNRX22010	LPNRX22012	LPNRX22015	LPNRX22020	LPNRX22025	LPNRX22030
2.5	LPNRX25006	LPNRX25008	LPNRX25010	LPNRX25012	LPNRX25015	LPNRX25020	LPNRX25025	LPNRX25030
2.75	LPNRX27006	LPNRX27008	LPNRX27010	LPNRX27012	LPNRX27015	LPNRX27020	LPNRX27025	LPNRX27030
3.0	LPNRX30006	LPNRX30008	LPNRX30010	LPNRX30012	LPNRX30015	LPNRX30020	LPNRX30025	LPNRX30030
3.25	LPNRX32006	LPNRX32008	LPNRX32010	LPNRX32012	LPNRX32015	LPNRX32020	LPNRX32025	LPNRX32030
3.5	LPNRX35006	LPNRX35008	LPNRX35010	LPNRX35012	LPNRX35015	LPNRX35020	LPNRX35025	LPNRX35030
3.75	LPNRX37006	LPNRX37008	LPNRX37010	LPNRX37012	LPNRX37015	LPNRX37020	LPNRX37025	LPNRX37030
4.0	LPNRX40006	LPNRX40008	LPNRX40010	LPNRX40012	LPNRX40015	LPNRX40020	LPNRX40025	LPNRX40030
4.5	LPNRX45006*	LPNRX45008	LPNRX45010	LPNRX45012	LPNRX45015	LPNRX45020	LPNRX45025*	LPNRX45030*
5.0	LPNRX50006	LPNRX50008	LPNRX50010	LPNRX50012	LPNRX50015	LPNRX50020	LPNRX50025	LPNRX50030

*Notice: Please contact local sales for more specifications before placing order.

03 Catheters

- 17 Angiographic Catheter
- 19 Orien™ Guiding Catheter CE
- 21 Thromsweeper™ Thrombus Extraction Catheter
- 22 Deliver™ Infusion Catheter



Angiographic Catheter

Features:

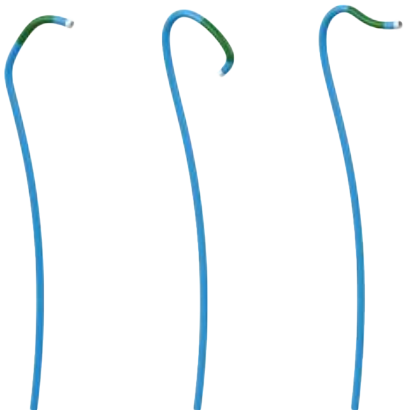
- Smooth external wall provides great crossability through tortuous vasculature.
- PTFE internal wall provides smooth lumen to ensure the excellent trackability.
- The middle layer of braided stainless steel mesh guarantees outstanding torque transmission and kink resistance.
- Large lumen diameter allows of high flow rate of contrast agent.

Ordering Information*

Catalogue No.	Outer Diameter	Effective Length (cm)	Hole Count (ea)	Distal Shape
LPS00040100	4F	100	0	Straight
LPS00050100	5F	100	0	Straight
LPS00060100	6F	100	0	Straight
LPJL35040100	4F	100	0	JL3.5
LPJL40040100	4F	100	0	JL4.0
LPJL45040100	4F	100	0	JL4.5
LPJL50040100	4F	100	0	JL5.0
LPJL60040100	4F	100	0	JL6.0
LPJL35050100	5F	100	0	JL3.5
LPJL40050100	5F	100	0	JL4.0
LPJL45050100	5F	100	0	JL4.5
LPJL50050100	5F	100	0	JL5.0
LPJL60050100	5F	100	0	JL6.0
LPJL35060100	6F	100	0	JL3.5
LPJL40060100	6F	100	0	JL4.0
LPJL45060100	6F	100	0	JL4.5
LPJL50060100	6F	100	0	JL5.0
LPJL60060100	6F	100	0	JL6.0
LPJR35040100	4F	100	0	JR3.5
LPJR40040100	4F	100	0	JR4.0
LPJR50040100	4F	100	0	JR5.0
LPJR60040100	4F	100	0	JR6.0
LPJR35050100	5F	100	0	JR3.5
LPJR40050100	5F	100	0	JR4.0
LPJR50050100	5F	100	0	JR5.0
LPJR60050100	5F	100	0	JR6.0
LPJR35060100	6F	100	0	JR3.5
LPJR40060100	6F	100	0	JR4.0
LPJR40060125	6F	125	0	JR4.0
LPJR50060100	6F	100	0	JR5.0
LPJR60060100	6F	100	0	JR6.0

Catalogue No.	Outer Diameter	Effective Length (cm)	Hole Count (ea)	Distal Shape
LPP80640110	4F	110	6	PIG-80
LPP45640110	4F	110	6	PIG-145
LPP55640110	4F	110	6	PIG-155
LPP80650110	5F	110	6	PIG-80
LPP45650110	5F	110	6	PIG-145
LPP55650110	5F	110	6	PIG-155
LPP80660110	6F	110	6	PIG-80
LPP45660110	6F	110	6	PIG-145
LPP55660110	6F	110	6	PIG-155
LPAL10040100	4F	100	0	AL1.0
LPAL20040100	4F	100	0	AL2.0
LPAL30040100	4F	100	0	AL3.0
LPAL10050100	5F	100	0	AL1.0
LPAL20050100	5F	100	0	AL2.0
LPAL30050100	5F	100	0	AL3.0
LPAL10060100	6F	100	0	AL1.0
LPAL20060100	6F	100	0	AL2.0
LPAL30060100	6F	100	0	AL3.0
LPAR10040100	4F	100	0	AR1.0
LPAR20040100	4F	100	0	AR2.0
LPAR30040100	4F	100	0	AR3.0
LPAR10050100	5F	100	0	AR1.0
LPAR20050100	5F	100	0	AR2.0
LPAR30050100	5F	100	0	AR3.0
LPAR10060100	6F	100	0	AR1.0
LPAR20060100	6F	100	0	AR2.0
LPAR30060100	6F	100	0	AR3.0
LPRCB00040100	4F	100	0	RCB
LPRCB00050100	5F	100	0	RCB
LPRCB00060100	6F	100	0	RCB
LPLCB00040100	4F	100	0	LCB
LPLCB00050100	5F	100	0	LCB
LPLCB00060100	6F	100	0	LCB
LPIM00040100	4F	100	0	IM
LPIM00050100	5F	100	0	IM
LPIM00060100	6F	100	0	IM
LPC00040100	4F	100	0	TIG
LPC00050100	5F	100	0	TIG
LPC00060100	6F	100	0	TIG

* Notice: Please contact local sales for details before placing order.



Orien™

Guiding Catheter

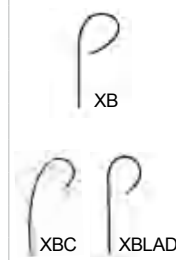


Features:

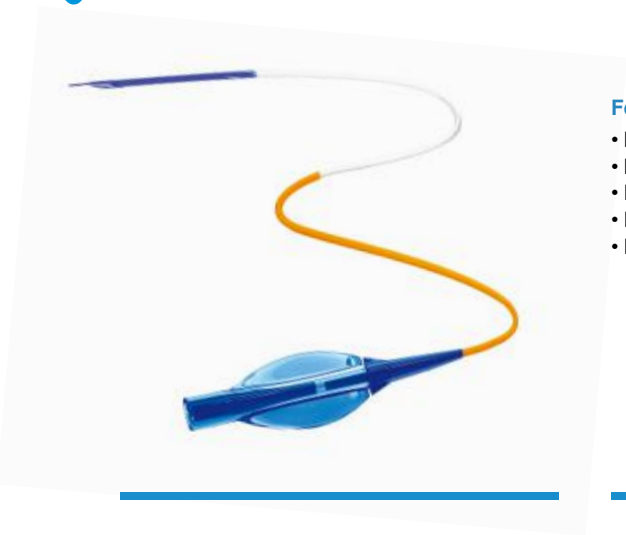
- Flat wire braided middle layer offers outstanding flexibility and excellent kink resistance.
- 1:1 torque for easy operation and accurate placement.
- Robust secondary curve provides great backup support and curve retention.
- Soft and flexible tip minimize the damage to the vessel wall.
- PTFE internal wall provides smooth lumen to ensure the excellent trackability.
- Large lumen guarantees the good performance for kissing balloon.

Ordering Information*

Right Coronary Curves						
Curve Type	Catalogue No.	Distal End Shape	Catheter O.D.	Catheter I.D.	Length (cm)	
Judkins Right	CL5JR35	JR 3.5	5F	0.056"	100	 JR
	CL5JR40	JR 4.0				
	CL6JR35	JR 3.5	6F	0.070"		
	CL6JR40	JR 4.0				
	CL7JR35	JR 3.5	7F	0.078"		
	CL7JR40	JR 4.0				
Amplatz Right	CL5AR10	AR 1.0	5F	0.056"	100	 AR
	CL5AR20	AR 2.0				
	CL6AR10	AR 1.0	6F	0.070"		
	CL6AR20	AR 2.0				
	CL7AR10	AR 1.0	7F	0.078"		
	CL7AR20	AR 2.0				

Left Coronary Curves						
Curve Type	Catalogue No.	Distal End Shape	Catheter O.D.	Catheter I.D.	Length (cm)	
Judkins Left	CL5JL35	JL 3.5	5F	0.056"	100	
	CL5JL40	JL 4.0				
	CL5JL45*	JL 4.5				
	CL5JL50*	JL 5.0				
	CL6JL35	JL 3.5	6F	0.070"		
	CL6JL40	JL 4.0				
	CL6JL45*	JL 4.5				
	CL6JL50*	JL 5.0				
	CL7JL35	JL 3.5	7F	0.078"		
	CL7JL40	JL 4.0				
	CL7JL45*	JL 4.5				
	CL7JL50*	JL 5.0				
Amplatz Left	CL5AL075	AL 0.75	5F	0.056"	100	
	CL5AL10	AL 1.0				
	CL5AL20	AL 2.0				
	CL6AL075	AL 0.75	6F	0.070"		
	CL6AL10	AL 1.0				
	CL6AL20	AL 2.0				
	CL7AL075	AL 0.75	7F	0.078"		
	CL7AL10	AL 1.0				
	CL7AL20	AL 2.0				
Extra Backup	CL5XB30	XB 3.0	5F	0.056"	100	
	CL5XB35	XB 3.5				
	CL5XB40	XB 4.0				
	CL6XB30	XB 3.0	6F	0.070"		
	CL6XB35	XB 3.5				
	CL6XB40	XB 4.0				
	CL6XBC30	XBC 3.0				
	CL6XBC35	XBC 3.5				
	CL6XBLAD35	XBLAD 3.5				
	CL7XB30	XB 3.0	7F	0.078"		
	CL7XB35	XB 3.5				
	CL7XB40	XB 4.0				
	CL7XBLAD35	XBLAD 3.5				

*Notice: Please contact local sales for more specifications before placing order.



Thromsweeper™
Thrombus Extraction
Catheter

Features:

- Large suction lumen minimizes the flow resistance and boosts the extraction performance.
- Low crossing profile is designed for the compatibility with the smallest 6F guiding catheter.
- Hydrophilic coating on distal shaft provides great crossability and deliverability.
- Embedded Platinum marker empowers smooth-feeling of delivery and visualization.
- Removable support-wire helps rapidly and easily reach to the lesion.

Technical Parameters

Design		Rapid Exchange
Guiding Catheter Compatibility (minimum)		6F (0.070")
Guide Wire Compatibility		0.014"
Effective Length		1450mm
Extraction Lumen Area		1.03mm ²
Guide wire Lumen Length		113mm
Catheter O.D.	Proximal	1.27mm
	Distal	1.50mm

Ordering Information

Catalogue No.	Specification
XS500001	150



Deliver™
Infusion Catheter

Features:

- Combined liquid perfusion lumen and guide wire lumen fulfills the perfusion to target lesion without withdrawing the guide wire.
- Rapid exchange design, convenient for operation.
- Pt-Ir marker provides excellent visibility under X-ray.

Technical Parameters

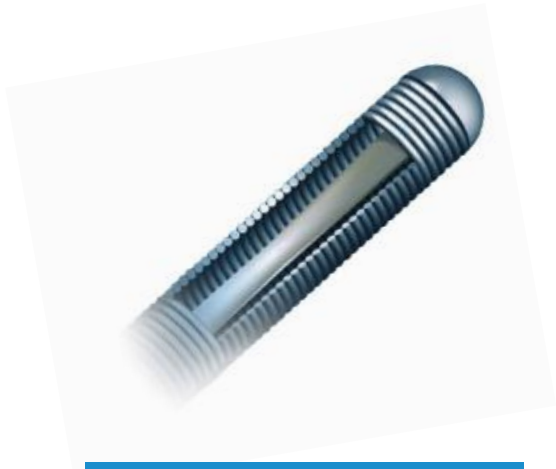
Material	Stainless steel filmed with Nylon
Marker	Pt-Ir Alloy
Tip O.D.	1.5F (0.50mm)
Distal O.D.	3.3F (1.09mm)
Proximal O.D.	3.1F (1.03mm)
Guide Wire Lumen I.D.	0.015" (0.38mm)
Effective Length	1390mm
Guiding Catheter Compatibility	5F/ 6F/ 7F
Guide Wire Compatibility	0.014"

Ordering Information

Catalogue No.	
LPRX139	

04 / Guide Wires

- 25 Angiographic Guide Wire
- 26 Ultraskin™ Hydrophilic Guide Wire CE FDA
- 27 Balancium Guide Wire CE



Features:

- Stainless steel core wire offers excellent torque transmission and kink resistance.
- Over-the-wire coil offers outstanding deliverability and radiopacity.

Angiographic
Guide Wire

Ordering Information

Catalogue No.	Tip Shape	Outer Diameter	Length (cm)	Type
MMNSF35150	Straight	0.035"	150	Teflon coating, coiled
MMNSF35260	Straight	0.035"	260	Teflon coating, coiled
MMNJF35150	J	0.035"	150	Teflon coating, coiled
MMNJF35260	J	0.035"	260	Teflon coating, coiled
MMNSF38150	Straight	0.038"	150	Teflon coating, coiled
MMNSF38260	Straight	0.038"	260	Teflon coating, coiled
MMNJF38150	J	0.038"	150	Teflon coating, coiled
MMNJF38260	J	0.038"	260	Teflon coating, coiled

Notice: Please contact local sales for more specifications before placing order.



Features:

- Nitinol core wire guarantees great tip shape retention, outstanding kink resistance and 1:1 torque control.
- PU Jacket incorporated with tungsten provides highly radiopacity.
- Super smooth hydrophilic coating reduces friction, and provides excellent navigation in and out the catheter.
- Soft tapered tip increases distal flexibility, contributes to smooth vessel insertion, and minimizes the risk of trauma.

Ultraskin™
Hydrophilic Guide Wire



Ordering Information

Catalogue No.	Outer Diameter	Guide Wire Length (cm)	Distal Curve	Note
SD-S18150	0.018"	150	Straight	Standard
SD-A18150	0.018"	150	135° Angled	Standard
SD-S32150	0.032"	150	Straight	Standard
SD-A32150	0.032"	150	135° Angled	Standard
SD-S32180	0.032"	180	Straight	Standard
SD-A32180	0.032"	180	135° Angled	Standard
SD-S32260	0.032"	260	Straight	Standard
SD-A32260	0.032"	260	135° Angled	Standard
SD-S35150	0.035"	150	Straight	Standard
SD-A35150	0.035"	150	135° Angled	Standard
SD-S35180	0.035"	180	Straight	Standard
SD-A35180	0.035"	180	135° Angled	Standard
SD-S35260	0.035"	260	Straight	Standard
SD-A35260	0.035"	260	135° Angled	Standard
SP-S35150	0.035"	150	Straight	Reshapable Tip
SP-A35150	0.035"	150	135° Angled	Reshapable Tip
SP-S35180	0.035"	180	Straight	Reshapable Tip
SP-A35180	0.035"	180	135° Angled	Reshapable Tip
ST-S35150	0.035"	150	Straight	Stiff Shaft
ST-A35150	0.035"	150	135° Angled	Stiff Shaft



Two Types of Core Design for Different Clinical Needs

- **Core-to-Tip** design provides great tip stiffness, good touch feedback and moderate support for easy control and better crossability and accessibility.
- **Shaping Ribbon** design provides softer tip stiffness for minimized damage to the vessels, and outstanding tip shaping flexibility and stability for easy navigation.
- Nitinol + stainless steel cores provide superior flexibility and durability, improves the torque response.
- 3cm Platinum coil at distal tip provides excellent radiopacity.
- A hydrophilic coating is applied to the 30cm coiled distal end to increase the crossability and deliverability.
- PTFE coating on middle and proximal parts reduces friction, and improves pushability and catheter trackability.

Balancium

PTCA Guide Wire



Shaping Ribbon

Core-to-Tip



Ordering Information

Core-to-Tip						
Catalogue No.	Outer Diameter	Length (cm)	Tip Flexibility	Tip Shape	Core Material	Radial Support
GW B185-0	0.014"	185	Floppy (0.6g)	Straight	NiTi + SS	Moderate
GW B185-0J	0.014"	185	Floppy (0.6g)	J	NiTi + SS	Moderate
GW B300-0	0.014"	300	Floppy (0.6g)	Straight	NiTi + SS	Moderate
GW B300-0J	0.014"	300	Floppy (0.6g)	J	NiTi + SS	Moderate
GW B185-1	0.014"	185	Super soft (1g)	Straight	NiTi + SS	Moderate
GW B185-1J	0.014"	185	Super soft (1g)	J	NiTi + SS	Moderate
GW B300-1	0.014"	300	Super soft (1g)	Straight	NiTi + SS	Moderate
GW B300-1J	0.014"	300	Super soft (1g)	J	NiTi + SS	Moderate
GW B185-2	0.014"	185	Soft (2g)	Straight	NiTi + SS	Moderate
GW B185-2J	0.014"	185	Soft (2g)	J	NiTi + SS	Moderate
GW B300-2	0.014"	300	Soft (2g)	Straight	NiTi + SS	Moderate
GW B300-2J	0.014"	300	Soft (2g)	J	NiTi + SS	Moderate

Shaping Ribbon

Catalogue No.	Outer Diameter	Length (cm)	Tip Flexibility	Tip Shape	Core Material	Radial Support
GW B185-S0	0.014"	185	Floppy (0.6g)	Straight	NiTi + SS	Moderate
GW B185-S0J	0.014"	185	Floppy (0.6g)	J	NiTi + SS	Moderate
GW B300-S0	0.014"	300	Floppy (0.6g)	Straight	NiTi + SS	Moderate
GW B300-S0J	0.014"	300	Floppy (0.6g)	J	NiTi + SS	Moderate
GW B185-S1	0.014"	185	Super soft (1g)	Straight	NiTi + SS	Moderate
GW B185-S1J	0.014"	185	Super soft (1g)	J	NiTi + SS	Moderate
GW B300-S1	0.014"	300	Super soft (1g)	Straight	NiTi + SS	Moderate
GW B300-S1J	0.014"	300	Super soft (1g)	J	NiTi + SS	Moderate
GW B185-S2	0.014"	185	Soft (2g)	Straight	NiTi + SS	Moderate
GW B185-S2J	0.014"	185	Soft (2g)	J	NiTi + SS	Moderate
GW B300-S2	0.014"	300	Soft (2g)	Straight	NiTi + SS	Moderate
GW B300-S2J	0.014"	300	Soft (2g)	J	NiTi + SS	Moderate

05/Introducer Sheaths

- 29
- Shoocin™ Introducer Kit
- CE
- FDA
- 31
- Brilliant™ Introducer Kit
- CE
- FDA



Shoocin™

Introducer Kit



Features:

- Advanced material improves bendability and flexibility without gapping or kinking.
- Special designed lock and silicon hemostatic valve provide outstanding hemostatic function, while guaranteeing the operational ability for the catheter.
- Smooth tapered tip helps with easy access to the artery, reducing trauma to patients.
- Smooth transition from dilator to sheath greatly reduces puncture resistance, providing easy and non-traumatic insertion.
- Minimized possibility of damaging tissue upon sheath entry, advancement and withdrawal, providing smoother and easier vascular access even through difficult access sites.

Full kit includes:

- Introducer Sheath (1)
- Dilator (1)
- Stainless Steel Guide Wire (1)
- Introducer Needle (1)
- Scalpel (1)
- Syringe (1)

The Introducer Kit can be customized by:

- a) Components include guidewire, introducer needle, scalpel, syringe are optional based on request.
- b) Guide wire provides two types: stainless steel guide wire, hydrophilic guide wire (Radial Sheath).
- c) Guide wire tip: straight (Radial Sheath) , J tip (Femoral Sheath), 135 angled (Femoral Sheath).
- d) Introducer needle(IN) or intravascular catheter (IC) is optional.

* For Hydrophilic guide wire(Radial Sheath), IC is mandatory set.

* For stainless steel guide wire, IN is mandatory set.

Ordering Information*

Long Sheath							
Catalogue No. (Stainless Steel Guide Wire)	Sheath I.D.	Sheath Length	Guide Wire Diameter	Guide Wire Length	Introducer Needle	Scalpel	Syringe
LS061638-SJ70-IN18-K-S	6F	16cm	0.038"	70cm	18G	1	1
LS062338-SJ70-IN18-K-S	6F	23cm	0.038"	70cm	18G	1	1
LS071638-SJ70-IN18-K-S	7F	16cm	0.038"	70cm	18G	1	1
LS072338-SJ70-IN18-K-S	7F	23cm	0.038"	70cm	18G	1	1
LS081638-SJ70-IN18-K-S	8F	16cm	0.038"	70cm	18G	1	1
LS082338-SJ70-IN18-K-S	8F	23cm	0.038"	70cm	18G	1	1

* The Yellow Marks indicate the components which can be customized as mentioned before. (e.g. radial sheath/6F/7cm, 0.021" straight stainless steel guide wire/45cm, 20G introducer needle, without scalpel and syringe: RS060721-SS45-IN20)

Other specifications are available on specical demand. Please contact your Lepu local representatives for more details

Radial Sheath							
Catalogue No. (Stainless Steel Guide Wire)	Sheath I.D.	Sheath Length	Guide Wire Diameter	Guide Wire Length	Introducer Needle	Scalpel	Syringe
RS040518-SS45-IN20-K-S	4F	5cm	0.018"	45cm	20G	1	1
RS040521-SS45-IN20-K-S	4F	5cm	0.021"	45cm	20G	1	1
RS040525-SS45-IN20-K-S	4F	5cm	0.025"	45cm	20G	1	1
RS040718-SS45-IN20-K-S	4F	7cm	0.018"	45cm	20G	1	1
RS040721-SS45-IN20-K-S	4F	7cm	0.021"	45cm	20G	1	1
RS040725-SS45-IN20-K-S	4F	7cm	0.025"	45cm	20G	1	1
RS050518-SS45-IN20-K-S	5F	5cm	0.018"	45cm	20G	1	1
RS050521-SS45-IN20-K-S	5F	5cm	0.021"	45cm	20G	1	1
RS050525-SS45-IN20-K-S	5F	5cm	0.025"	45cm	20G	1	1
RS050718-SS45-IN20-K-S	5F	7cm	0.018"	45cm	20G	1	1
RS050721-SS45-IN20-K-S	5F	7cm	0.021"	45cm	20G	1	1
RS050725-SS45-IN20-K-S	5F	7cm	0.025"	45cm	20G	1	1
RS060518-SS45-IN20-K-S	6F	5cm	0.018"	45cm	20G	1	1
RS060521-SS45-IN20-K-S	6F	5cm	0.021"	45cm	20G	1	1
RS060525-SS45-IN20-K-S	6F	5cm	0.025"	45cm	20G	1	1
RS060718-SS45-IN20-K-S	6F	7cm	0.018"	45cm	20G	1	1
RS060721-SS45-IN20-K-S	6F	7cm	0.021"	45cm	20G	1	1
RS060725-SS45-IN20-K-S	6F	7cm	0.025"	45cm	20G	1	1
RS041121-SS45-IN20-K-S	4F	11cm	0.021"	45cm	20G	1	1
RS042421-SS70-IN20-K-S	4F	24cm	0.021"	70cm	20G	1	1
RS051121-SS45-IN20-K-S	5F	11cm	0.021"	45cm	20G	1	1
RS052421-SS70-IN20-K-S	5F	24cm	0.021"	70cm	20G	1	1
RS061121-SS45-IN20-K-S	6F	11cm	0.021"	45cm	20G	1	1
RS062421-SS70-IN20-K-S	6F	24cm	0.021"	70cm	20G	1	1
RS070521-SS45-IN20-K-S	7F	5cm	0.021"	45cm	20G	1	1
RS070521-SS70-IN20-K-S	7F	5cm	0.021"	70cm	20G	1	1
RS071121-SS45-IN20-K-S	7F	11cm	0.021"	45cm	20G	1	1
RS072421-SS70-IN20-K-S	7F	24cm	0.021"	70cm	20G	1	1
RS070718-SS45-IN20-K-S	7F	7cm	0.018"	45cm	20G	1	1
RS070718-SS70-IN20-K-S	7F	7cm	0.018"	70cm	20G	1	1
RS071118-SS45-IN20-K-S	7F	11cm	0.018"	45cm	20G	1	1
RS071118-SS70-IN20-K-S	7F	11cm	0.018"	70cm	20G	1	1

Femoral Sheath							
Catalogue No. (Stainless Steel Guide Wire)	Sheath I.D.	Sheath Length	Guide Wire Diameter	Guide Wire Length	Introducer Needle	Scalpel	Syringe
FS040525-SS45-IN20-K-S	4F	5cm	0.025"	45cm	20G	1	1
FS041125-SS45-IN20-K-S	4F	11cm	0.025"	45cm	20G	1	1
FS041135-SJ45-IN18-K-S	4F	11cm	0.035"	45cm	18G	1	1
FS050535-SJ45-IN18-K-S	5F	5cm	0.035"	45cm	18G	1	1
FS050538-SJ45-IN18-K-S	5F	5cm	0.038"	45cm	18G	1	1
FS051135-SJ45-IN18-K-S	5F	11cm	0.035"	45cm	18G	1	1
FS051138-SJ45-IN18-K-S	5F	11cm	0.038"	45cm	18G	1	1
FS060535-SJ45-IN18-K-S	6F	5cm	0.035"	45cm	18G	1	1
FS060538-SJ45-IN18-K-S	6F	5cm	0.038"	45cm	18G	1	1
FS061135-SJ45-IN18-K-S	6F	11cm	0.035"	45cm	18G	1	1
FS061138-SJ45-IN18-K-S	6F	11cm	0.038"	45cm	18G	1	1
FS070535-SJ45-IN18-K-S	7F	5cm	0.035"	45cm	18G	1	1
FS070538-SJ45-IN18-K-S	7F	5cm	0.038"	45cm	18G	1	1
FS071135-SJ45-IN18-K-S	7F	11cm	0.035"	45cm	18G	1	1
FS071138-SJ45-IN18-K-S	7F	11cm	0.038"	45cm	18G	1	1
FS080535-SJ45-IN18-K-S	8F	5cm	0.035"	45cm	18G	1	1
FS080538-SJ45-IN18-K-S	8F	5cm	0.038"	45cm	18G	1	1
FS081135-SJ45-IN18-K-S	8F	11cm	0.035"	45cm	18G	1	1
FS081138-SJ45-IN18-K-S	8F	11cm	0.038"	45cm	18G	1	1
FS090538-SJ45-IN18-K-S	9F	5cm	0.038"	45cm	18G	1	1
FS091138-SJ45-IN18-K-S	9F	11cm	0.038"	45cm	18G	1	1

Advanced Type (Radial Sheaths)



Brilliant™

Introducer Kit



Features:

- Hydrophilic coated radial sheath and guidewire lead to smoother navigation and easier vascular access, reducing the risk of damage to the vessel.
- Advanced material improves bendability and flexibility without gapping or kinking.
- Special designed lock and silicon hemostatic valve provide outstanding hemostatic function, while guaranteeing the operational ability for the catheter.
- Smooth tapered tip helps with easy access to the artery, reducing trauma to the patients.
- Smooth transition from dilator to sheath greatly reduces puncture resistance, providing easy and non-traumatic insertion.

Full kit includes:

- Introducer Sheath (1)
- Dilator (1)
- Hydrophilic Guide Wire (1)
- Intravascular Catheter (1)
- Scalpel (1)
- Syringe (1)

The Introducer Kit can be customized by:

- a) Remove the every single component includes guide wire, intravascular catheter (IC), scalpel (K) and syringe (S).
- b) Replace the hydrophilic guide wire (straight HS) into stainless steel guide wire (straight SS).
- c) Replace the intravascular catheter (IC) into introducer needle (IN). Intravascular catheter is mandatory to be a set with hydrophilic guide wire.

Please contact the sales for more information about the selections of customized kit.

* The Yellow Marks indicate the components which can be customized as mentioned before.
(e.g. radial sheath/6F/7cm, 0.021" straight stainless steel guide wire/45cm, 20G introducer needle, without scalpel and syringe: RS060721-SS45-IN20)

Please contact the sales for detailed catalogue numbers of customized kits.

Ordering Information*

Radial Sheath							
Catalogue No. (Hydrophilic Guide Wire)	Sheath I.D.	Sheath Length	Guide Wire Diameter	Guide Wire Length	Intravascular Catheter	Scalpel	Syringe
RSC040521-HS45-IC22-K-S	4F	5 cm	0.021"	45 cm	22G	1	1
RSC040525-HS45-IC20-K-S	4F	5 cm	0.025"	45 cm	20G	1	1
RSC040721-HS45-IC22-K-S	4F	7 cm	0.021"	45 cm	22G	1	1
RSC040725-HS45-IC20-K-S	4F	7 cm	0.025"	45 cm	20G	1	1
RSC041121-HS45-IC22-K-S	4F	11 cm	0.021"	45 cm	22G	1	1
RSC041125-HS45-IC20-K-S	4F	11 cm	0.025"	45 cm	20G	1	1
RSC041621-HS70-IC22-K-S	4F	16 cm	0.021"	70 cm	22G	1	1
RSC041625-HS70-IC20-K-S	4F	16 cm	0.025"	70 cm	20G	1	1
RSC042421-HS70-IC22-K-S	4F	24 cm	0.021"	70 cm	22G	1	1
RSC042425-HS70-IC20-K-S	4F	24 cm	0.025"	70 cm	20G	1	1
RSC050521-HS45-IC22-K-S	5F	5 cm	0.021"	45 cm	22G	1	1
RSC050525-HS45-IC20-K-S	5F	5 cm	0.025"	45 cm	20G	1	1
RSC050721-HS45-IC22-K-S	5F	7 cm	0.021"	45 cm	22G	1	1
RSC050725-HS45-IC20-K-S	5F	7 cm	0.025"	45 cm	20G	1	1
RSC051121-HS45-IC22-K-S	5F	11 cm	0.021"	45 cm	22G	1	1
RSC051125-HS45-IC20-K-S	5F	11 cm	0.025"	45 cm	20G	1	1
RSC051621-HS70-IC22-K-S	5F	16 cm	0.021"	70 cm	22G	1	1
RSC051625-HS70-IC20-K-S	5F	16 cm	0.025"	70 cm	20G	1	1
RSC052421-HS70-IC22-K-S	5F	24 cm	0.021"	70 cm	22G	1	1
RSC052425-HS70-IC20-K-S	5F	24 cm	0.025"	70 cm	20G	1	1
RSC060521-HS45-IC22-K-S	6F	5 cm	0.021"	45 cm	22G	1	1
RSC060525-HS45-IC20-K-S	6F	5 cm	0.025"	45 cm	20G	1	1
RSC060721-HS45-IC22-K-S	6F	7 cm	0.021"	45 cm	22G	1	1
RSC060725-HS45-IC20-K-S	6F	7 cm	0.025"	45 cm	20G	1	1
RSC061121-HS45-IC22-K-S	6F	11 cm	0.021"	45 cm	22G	1	1
RSC061125-HS45-IC20-K-S	6F	11 cm	0.025"	45 cm	20G	1	1
RSC061621-HS70-IC22-K-S	6F	16 cm	0.021"	70 cm	22G	1	1
RSC061625-HS70-IC20-K-S	6F	16 cm	0.025"	70 cm	20G	1	1
RSC062421-HS70-IC22-K-S	6F	24 cm	0.021"	70 cm	22G	1	1
RSC062425-HS70-IC20-K-S	6F	24 cm	0.025"	70 cm	20G	1	1
RSC070521-HS45-IC22-K-S	7F	5 cm	0.021"	45 cm	22G	1	1
RSC070525-HS45-IC20-K-S	7F	5 cm	0.025"	45 cm	20G	1	1
RSC070721-HS45-IC22-K-S	7F	7 cm	0.021"	45 cm	22G	1	1
RSC070725-HS45-IC20-K-S	7F	7 cm	0.025"	45 cm	20G	1	1
RSC071121-HS45-IC22-K-S	7F	11 cm	0.021"	45 cm	22G	1	1
RSC071125-HS45-IC20-K-S	7F	11 cm	0.025"	45 cm	20G	1	1
RSC071621-HS70-IC22-K-S	7F	16 cm	0.021"	70 cm	22G	1	1
RSC071625-HS70-IC20-K-S	7F	16 cm	0.025"	70 cm	20G	1	1
RSC072421-HS70-IC22-K-S	7F	24 cm	0.021"	70 cm	22G	1	1
RSC072425-HS70-IC20-K-S	7F	24 cm	0.025"	70 cm	20G	1	1

06 Accessories



- 35 Rayband™ Radial Artery Compression Tourniquet **CE** **FDA**
- 36 Angioway™ Y-Hemostasis Valve Set **CE** **FDA**
- 37 Angiopower™ Inflation Device **CE** **FDA**
- 38 Inflation Devices Kit **CE** **FDA**
- 39 Angioway™ Manifolds **CE**
- 40 Angioway™ High Pressure Extension Tubings **CE**
- 41 Introducer Needle
- 42 Angiospring™ Angiography Control Syringe **CE**
- 43 Contrast Medium Injection Manifold Kits **CE**



Features:

- Specially designed for radial artery hemostasis of post percutaneous puncture.
- Transparent material ensures clear visual control of hemostasis procedure.
- Unilateral valve connected to the balloon allows of accurate pressure adjustment to provide personalized hemostasis procedure.
- Adjustable band length is convenient to fit for patient's comfort.
- Stopcock on syringe helps with easy and accurate deflation.

Rayband™

Radial Artery
Compression Tourniquet



Ordering Information

Catalogue No.	Balloon Structure	Bandage Length (cm)	Max Injection Air Volume (mL)	Connector
LPYP15S	1	21	15	Push-pull
LPYP15	1	24.5	15	Push-pull
LPYP15L	1	27	15	Push-pull
LPYP15XL	1	29	15	Push-pull
LPYP20S	2	21	20	Push-pull
LPYP20	2	24.5	20	Push-pull
LPYP20L	2	27	20	Push-pull
LPYP20XL	2	29	20	Push-pull
YPR15S	1	21	15	Luer
YPR15	1	24.5	15	Luer
YPR15L	1	27	15	Luer
YPR15XL	1	29	15	Luer
YPR20S	2	21	20	Luer
YPR20	2	24.5	20	Luer
YPR20L	2	27	20	Luer
YPR20XL	2	29	20	Luer



Angioway™

Y-Hemostasis
Valve Set



Features:

- Effectively minimize blood loss and provide a smooth channel for interventional device delivery.
- Easy push-pull mechanism allows to operate with one hand.

Whole set package includes:

- Y-valve (1)
- Guide Wire Torquer (1)
- Guide Wire Introducer (1)

Technical Parameters

Connector Type	Push-Pull / Rotating
Inner Diameter	0.118" (3.0mm)
Body Material	Polycarbonate
Extension Tubing	Optional
Sterilization	ETO

Ordering Information

Catalogue No.	Connector Type	Package Type	Length of the Extension Tubing (cm)
YNP	Push-Pull	Whole set	/
YNP20	Push-Pull	Whole set	20
YNP25	Push-Pull	Whole set	25
YNP40	Push-Pull	Whole set	40
YNP50	Push-Pull	Whole set	50
YNPH	Push-Pull	Y-valve only	/
YNP20H	Push-Pull	Y-valve only	20
YNP25H	Push-Pull	Y-valve only	25
YNP40H	Push-Pull	Y-valve only	40
YNP50H	Push-Pull	Y-valve only	50
YNR	Rotating	Whole set	/
YNRH	Rotating	Y-valve only	/



Features:

- Fluorescence clock face for clearer display.
- Smooth fine adjustment for accurate inflation.
- Barrier screw pivot provides precise pressure placement.
- The internal multi-buckle structure ensures more secure lock.
- Ergonomic grip fits comfortably in either hand.
- Petal-shaped handle ensures torque control without slipping.

Angiopower™

Inflation Device



Technical Parameters

Display	Analog/Fluorescent
Pressure	30 atm (440psi)
Barrel Volume	20mL
Stopcock	3-way 500psi
Extension Tubing	33cm, 1200psi, male rotating Luer connector

Catalogue No.	Inflation Range (atm)	Stopcock
LP-P-30	30	/
LP-P-30S	30	Included



Inflation
Devices Kit



Features:

- Precise and stable pressure placement.
- Multi packages included meet various clinical demands.

Inflation Device Kit includes:

Inflation Device (1)
Y-Hemostasis Valve Set (1)

Ordering Information

Catalogue No.	Inflation Device Model			Y-Hemostasis Valve Set Model			
	Type	Inflation Range		Type	Mode	Contains	Extension Tubing
LP-P-30-YNP	LP-P-30	30atm		YNP	Push-Pull	Whole set	/
LP-P-30-YNP20	LP-P-30	30atm		YNP20	Push-Pull	Whole set	20cm
LP-P-30-YNP25	LP-P-30	30atm		YNP25	Push-Pull	Whole set	25cm
LP-P-30-YNP40	LP-P-30	30atm		YNP40	Push-Pull	Whole set	40cm
LP-P-30-YNP50	LP-P-30	30atm		YNP50	Push-Pull	Whole set	50cm
LP-P-30-YNPH	LP-P-30	30atm		YNPH	Push-Pull	Y-valve only	/
LP-P-30-YNP20H	LP-P-30	30atm		YNP20H	Push-Pull	Y-valve only	20cm
LP-P-30-YNP25H	LP-P-30	30atm		YNP25H	Push-Pull	Y-valve only	25cm
LP-P-30-YNP40H	LP-P-30	30atm		YNP40H	Push-Pull	Y-valve only	40cm
LP-P-30-YNP50H	LP-P-30	30atm		YNP50H	Push-Pull	Y-valve only	50cm
LP-P-30-YNR	LP-P-30	30atm		YNR	Rotating	Whole set	/
LP-P-30-YNRH	LP-P-30	30atm		YNRH	Rotating	Y-valve only	/
LP-P-30S-YNP	LP-P-30S	30atm		YNP	Push-Pull	Whole set	/
LP-P-30S-YNP20	LP-P-30S	30atm		YNP20	Push-Pull	Whole set	20cm
LP-P-30S-YNP25	LP-P-30S	30atm		YNP25	Push-Pull	Whole set	25cm
LP-P-30S-YNP40	LP-P-30S	30atm		YNP40	Push-Pull	Whole set	40cm
LP-P-30S-YNP50	LP-P-30S	30atm		YNP50	Push-Pull	Whole set	50cm
LP-P-30S-YNPH	LP-P-30S	30atm		YNPH	Push-Pull	Y-valve only	/
LP-P-30S-YNP20H	LP-P-30S	30atm		YNP20H	Push-Pull	Y-valve only	20cm
LP-P-30S-YNP25H	LP-P-30S	30atm		YNP25H	Push-Pull	Y-valve only	25cm
LP-P-30S-YNP40H	LP-P-30S	30atm		YNP40H	Push-Pull	Y-valve only	40cm
LP-P-30S-YNP50H	LP-P-30S	30atm		YNP50H	Push-Pull	Y-valve only	50cm
LP-P-30S-YNR	LP-P-30S	30atm		YNR	Rotating	Whole set	/
LP-P-30S-YNRH	LP-P-30S	30atm		YNRH	Rotating	Y-valve only	/



Features:

- Visible handle makes the flow control easy and accurate
- On / Off types are available for different user habits

Angioway™
Manifolds
CE

Technical Parameters

Side Ports	One / Two / Three
Pressure	500psi
Valve Type	On / Off
Extension Tubing	Optional
Sterilization	ETO

Ordering Information

Catalogue No.	Pressure	Side Port	Valve Type	Extension Tubing
LPJD502N	500psi	2	On	/
LPJD502F	500psi	2	Off	/
LPJD503N	500psi	3	On	/
LPJD503F	500psi	3	Off	/
LPJD503NX	500psi	3	On	Included
LPJD503FX	500psi	3	Off	Included



Features:

- High pressure transparent material ensures the need for large flow
- Customized length is available

Angioway™
High Pressure
Extension Tubings
CE

Technical Parameters

Material	PVC/TPU
Inner Diameter	0.056" (1.44mm)
Pressure Resistance	1200psi
Sterilization	ETO

Ordering Information

Pressure	Length					
	30cm	60cm	90cm	120cm	150cm	180cm
1200psi	LPJG30H	LPJG60H	LPJG90H	LPJG120H	LPJG150H	LPJG180H



Introducer Needle

Features:
The introducer needles are for different clinical use.

Ordering Information			
Catalogue No.	Gauge	Guide Wire Compatibility	Working Length (mm)
MMN 1870	18	0.035"	70
MMN 2038	20	0.021"	38
MMNI 1870	18	0.038"	70



Angiospring™ Angiography Control Syringe

CE

Features:

- Solid and smooth plunger with unique push button make it easy for operation
- Clear scale, accurate control of infusion volume
- Latex free

Technical Parameters

Luer Connector Type	Rotating
Sterilization	ETO

Ordering Information

Catalogue No.	Connector Type	Nominal Capacity (mL)
LPHB112	Rotating	12



**Contrast Medium
Injection
Manifold Kits**

CE

- Features:**
- High pressure transparent material ensures the need for large flow
 - Customized length is available

Contrast Medium Injection Manifold Kit includes:

- Manifold (1)
Angiography Control Syringe (1)
High Pressure Extension Tubing (1)
Infusion set (2)

Ordering Information

Catalogue No.	Manifold Model	Control Syringe Model	High Pressure Extension Tubing Model	Infusion Set Model	
MK-005	LPJD253N	LPHB112	LPJG30	IS-G-V	IS-G-V3
MK-006	LPJD253N	LPHB112	LPJG60	IS-G-V	IS-G-V3
MK-007	LPJD253N	LPHB112	LPJG90	IS-G-V	IS-G-V3
MK-008	LPJD253N	LPHB112	LPJG120	IS-G-V	IS-G-V3
MK-017	LPJD253F	LPHB112	LPJG30	IS-G-V	IS-G-V3
MK-018	LPJD253F	LPHB112	LPJG60	IS-G-V	IS-G-V3
MK-019	LPJD253F	LPHB112	LPJG90	IS-G-V	IS-G-V3
MK-020	LPJD253F	LPHB112	LPJG120	IS-G-V	IS-G-V3

07

Peripheral
Interventional
Products

PTA Balloon

45 Supercross™ PTA Balloon Dilatation Catheters

CE



Supercross™
PTA Balloon Dilatation
Catheter



Features

- The flexible tapered tip ensures consistently smooth insertion and atraumatic navigation.
- Low crossing profile guarantees excellent crossability to pass through narrow lesions.
- Over the wire (OTW) design provides great torque control, kink resistance and pushability to ensure the outstanding deliverability.
- Dual-lumen shaft design of the OTW catheter separates the inflation lumen and guide wire lumen to ensure the rapid deflation performance.
- Special memory folding technique provides great withdrawal capability, and allows of repeated dilatation.

Technical Parameters

Catheter Design	Rapid Exchange (RX)
Balloon Compliance	Semi-compliant
Marker	2
Material	Nylon
Nominal Pressure	7 atm
Distal Shaft O.D.	2.8F
Proximal Shaft O.D.	2.3F
Lowest Crossing Profile	0.025"
Effective Length	135cm
Minimum Guiding Catheter Compatibility	5F (0.056")
Guide wire Compatibility	0.014"

Catheter Design	Over the Wire (OTW)
Balloon Compliance	Semi-compliant
Marker	2
Material	Nylon
Nominal Pressure	7 atm
Distal Shaft O.D.	5F
Lowest Crossing Profile	0.060"
Effective Length	80cm / 135cm
Minimum Introducer Sheath Compatibility	5F / 6F / 7F
Guide Wire Compatibility	0.035"

Ordering Information

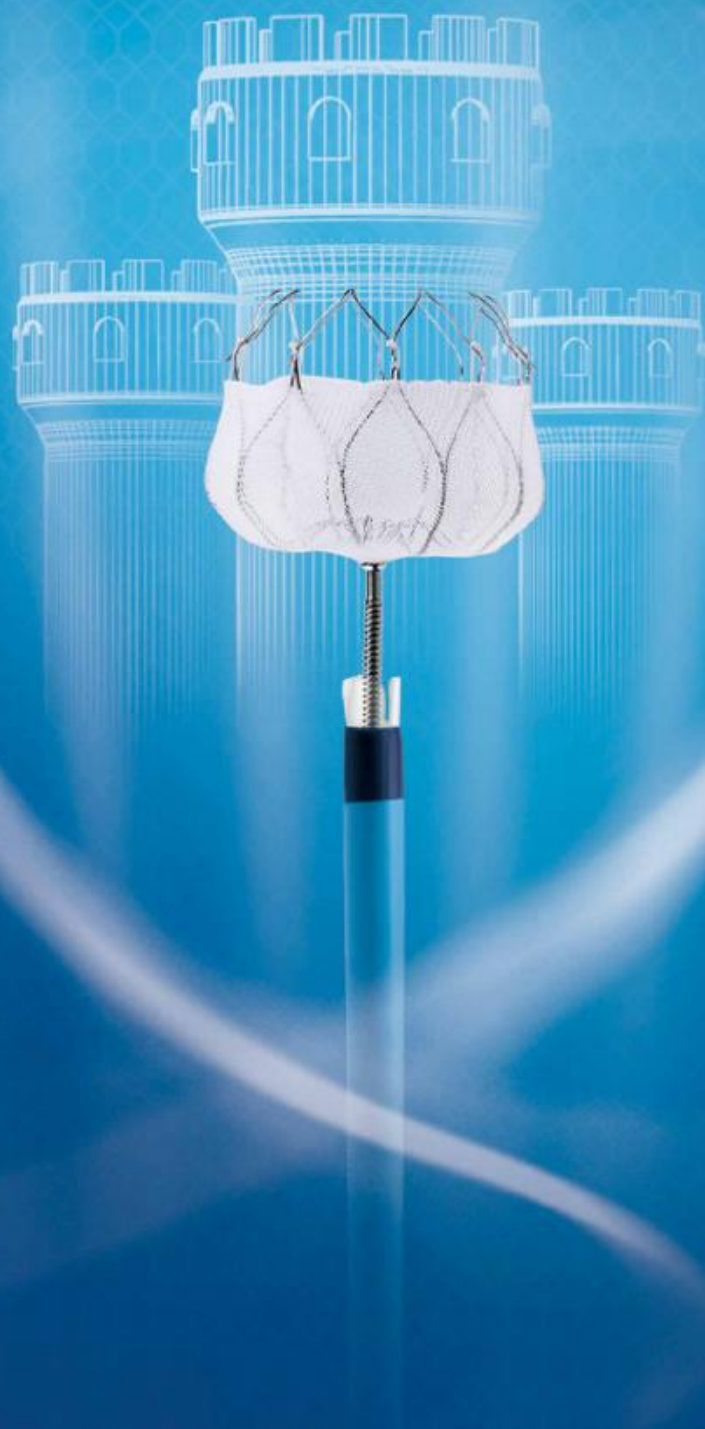
Rapid Exchange							
Balloon Diameter (mm)	Balloon Length (mm)						
	20	30	40	60	80	100	120
1.5	PTAR15020	/	/	/	/	/	/
2.0	PTAR20020	PTAR20030	PTAR20040	PTAR20060	PTAR20080	PTAR20100	PTAR20120
2.5	PTAR25020	PTAR25030	PTAR25040	PTAR25060	PTAR25080	PTAR25100	PTAR25120
3.0	PTAR30020	PTAR30030	PTAR30040	PTAR30060	PTAR30080	PTAR30100	PTAR30120
3.5	PTAR35020	PTAR35030	PTAR35040	PTAR35060	PTAR35080	PTAR35100	PTAR35120
4.0	PTAR40020	PTAR40030	PTAR40040	PTAR40060	PTAR40080	PTAR40100	PTAR40120
4.5	PTAR45020	PTAR45030	PTAR45040	PTAR45060	PTAR45080	PTAR45100	PTAR45120
5.0	PTAR50020	PTAR50030	PTAR50040	PTAR50060	PTAR50080	PTAR50100	PTAR50120
5.5	PTAR55020	PTAR55030	PTAR55040	PTAR55060	PTAR55080	PTAR55100	PTAR55120
6.0	PTAR60020	PTAR60030	PTAR60040	PTAR60060	PTAR60080	PTAR60100	PTAR60120
7.0	PTAR70020	PTAR70030	PTAR70040	PTAR70060	PTAR70080	PTAR70100	PTAR70120

Over the Wire (Effective length is 80cm)							
Balloon Diameter (mm)	Balloon Length (mm)						
	20	30	40	60	80	100	120
3.0	PTAO30020	PTAO30030	PTAO30040	PTAO30060	PTAO30080	PTAO30100	PTAO30120
3.5	PTAO35020	PTAO35030	PTAO35040	PTAO35060	PTAO35080	PTAO35100	PTAO35120
4.0	PTAO40020	PTAO40030	PTAO40040	PTAO40060	PTAO40080	PTAO40100	PTAO40120
4.5	PTAO45020	PTAO45030	PTAO45040	PTAO45060	PTAO45080	PTAO45100	PTAO45120
5.0	PTAO50020	PTAO50030	PTAO50040	PTAO50060	PTAO50080	PTAO50100	PTAO50120
5.5	PTAO55020	PTAO55030	PTAO55040	PTAO55060	PTAO55080	PTAO55100	PTAO55120
6.0	PTAO60020	PTAO60030	PTAO60040	PTAO60060	PTAO60080	PTAO60100	PTAO60120
7.0	PTAO70020	PTAO70030	PTAO70040	PTAO70060	PTAO70080	PTAO70100	PTAO70120
8.0	PTAO80020	PTAO80030	PTAO80040	PTAO80060	PTAO80080	PTAO80100	PTAO80120
9.0	PTAO90020	PTAO90030	PTAO90040	PTAO90060	PTAO90080	PTAO90100	PTAO90120
10.0	PTAO10020	PTAO10030	PTAO10040	PTAO10060	PTAO10080	PTAO10100	PTAO10120
12.0	PTAO12020	/	/	/	/	/	/

Over the Wire (Effective length is 135cm)							
Balloon Diameter (mm)	Balloon Length (mm)						
	20	30	40	60	80	100	120
3.0	PTAO30020 L	PTAO30030 L	PTAO30040 L	PTAO30060 L	PTAO30080 L	PTAO30100 L	PTAO30120 L
3.5	PTAO35020 L	PTAO35030 L	PTAO35040 L	PTAO35060 L	PTAO35080 L	PTAO35100 L	PTAO35120 L
4.0	PTAO40020 L	PTAO40030 L	PTAO40040 L	PTAO40060 L	PTAO40080 L	PTAO40100 L	PTAO40120 L
4.5	PTAO45020 L	PTAO45030 L	PTAO45040 L	PTAO45060 L	PTAO45080 L	PTAO45100 L	PTAO45120 L
5.0	PTAO50020 L	PTAO50030 L	PTAO50040 L	PTAO50060 L	PTAO50080 L	PTAO50100 L	PTAO50120 L
5.5	PTAO55020 L	PTAO55030 L	PTAO55040 L	PTAO55060 L	PTAO55080 L	PTAO55100 L	PTAO55120 L
6.0	PTAO60020 L	PTAO60030 L	PTAO60040 L	PTAO60060 L	PTAO60080 L	PTAO60100 L	PTAO60120 L
7.0	PTAO70020 L	PTAO70030 L	PTAO70040 L	PTAO70060 L	PTAO70080 L	PTAO70100 L	PTAO70120 L
8.0	PTAO80020 L	PTAO80030 L	PTAO80040 L	PTAO80060 L	PTAO80080 L	PTAO80100 L	PTAO80120 L
9.0	PTAO90020 L	PTAO90030 L	PTAO90040 L	PTAO90060 L	PTAO90080 L	PTAO90100 L	PTAO90120 L
10.0	PTAO10020 L	PTAO10030 L	PTAO10040 L	PTAO10060 L	PTAO10080 L	PTAO10100 L	PTAO10120 L
12.0	PTAO12020 L	/	/	/	/	/	/

08

Structural Heart Diseases Products

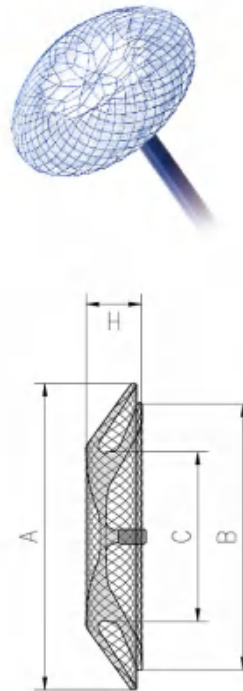


- 49 MemoCarna[®] Atrial Septal Defect Occluder
- 50 MemoPart[™] Atrial Septal Defect (ASD) Occluder **CE**
- 52 MemoPart[™] Ventricular Septal Defect (VSD) Occluder **CE**
- 55 MemoPart[™] Patent Ductus Arteriosus (PDA) Occluder **CE**
- 57 MemoPart[™] Patent Foramen Ovale (PFO) Occluder **CE**
- 58 MemoLefort[®] Left Atrial Appendage Occluder
- 59 MemoPart[™] Plug
- 60 MemoPart[™] Snare **CE**
- 61 MemoPart[™] Occluder Delivery System **CE**



MemoCarna®

Atrial Septal Defect Occluder

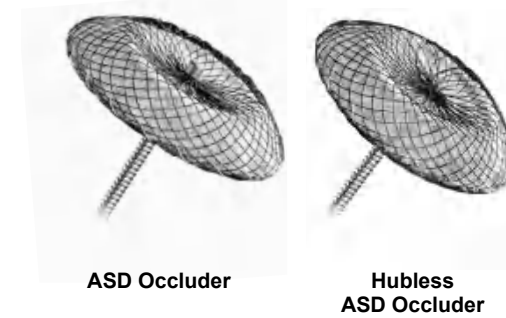


Features

- Adopts unique Dature-shape braiding technology, achieves faster endothelialization with more flat disk after releasing and decreasing influences to blood flow.
- Updated surface treatment technology, forming uniform and even oxide layer while removing impurities. Nickle ions release is effectively reduced and delivery performance is enhanced.

Ordering Information

Catalogue No.	C Waist Diameter (mm)	H Height (mm)	A Left Disc Diameter (mm)	B Right Disc Diameter (mm)
DMFQFDQ- I 04	4.0±0.5	5.5±1.0	18.0±1.0	14.0±1.0
DMFQFDQ- I 05	5.0±0.5	5.5±1.0	19.0±1.0	15.0±1.0
DMFQFDQ- I 06	6.0±0.5	5.5±1.0	20.0±1.0	16.0±1.0
DMFQFDQ- I 07	7.0±0.5	5.5±1.0	21.0±1.0	17.0±1.0
DMFQFDQ- I 08	8.0±0.5	5.5±1.0	22.0±1.0	18.0±1.0
DMFQFDQ- I 09	9.0±0.5	5.5±1.0	23.0±1.0	19.0±1.0
DMFQFDQ- I 10	10.0±0.5	5.5±1.0	24.0±1.0	20.0±1.0
DMFQFDQ- I 11	11.0±0.5	5.5±1.0	25.0±1.3	21.0±1.3
DMFQFDQ- I 12	12.0±0.5	5.5±1.0	26.0±1.3	22.0±1.3
DMFQFDQ- I 13	13.0±0.5	5.5±1.0	27.0±1.3	23.0±1.3
DMFQFDQ- I 14	14.0±0.5	5.5±1.0	28.0±1.3	24.0±1.3
DMFQFDQ- I 15	15.0±0.5	5.5±1.0	29.0±1.3	25.0±1.3
DMFQFDQ- I 16	16.0±0.5	5.5±1.0	30.0±1.5	26.0±1.5
DMFQFDQ- I 17	17.0±0.5	5.5±1.0	31.0±1.5	27.0±1.5
DMFQFDQ- I 18	18.0±0.5	5.5±1.0	32.0±1.5	28.0±1.5
DMFQFDQ- I 19	19.0±0.5	5.5±1.0	33.0±1.5	29.0±1.5
DMFQFDQ- I 20	20.0±1.0	5.5±1.0	34.0±1.5	30.0±1.5
DMFQFDQ- I 22	22.0±1.0	5.5±1.0	36.0±1.5	32.0±1.5
DMFQFDQ- I 24	24.0±1.0	6.0±1.0	38.0±1.5	34.0±1.5
DMFQFDQ- I 26	26.0±1.0	6.0±1.0	40.0±1.5	36.0±1.5
DMFQFDQ- I 28	28.0±1.0	6.0±1.0	42.0±1.5	38.0±1.5
DMFQFDQ- I 30	30.0±1.0	6.0±1.0	44.0±1.5	40.0±1.5
DMFQFDQ- I 32	32.0±1.0	6.0±1.0	46.0±1.5	42.0±1.5
DMFQFDQ- I 34	34.0±1.0	6.0±1.0	48.0±1.5	44.0±1.5
DMFQFDQ- I 36	36.0±1.0	6.0±1.0	52.0±1.5	46.0±1.5
DMFQFDQ- I 38	38.0±1.0	6.0±1.0	54.0±1.5	50.0±1.5
DMFQFDQ- I 40	40.0±1.0	6.0±1.0	56.0±1.5	52.0±1.5

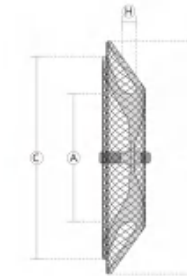


ASD Occluder

Hubless
ASD Occluder

MemoPart™

Atrial Septal Defect (ASD) Occluder



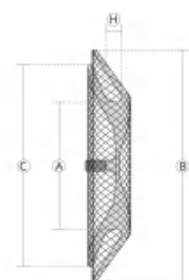
Features

- Modified rigidity and flexibility for different type of occluders - greater stiffness of ASDO offers excellent supporting force for big disks.
- Uniform and smooth oxide film on nitinol wire effectively prevents from the release of nickel ion to guarantee the great biocompatibility and long-term safety.
- Hubless design helps with earlier endothelialization to minimize the risk of thrombosis.

Ordering Information

ASD Occluder

Catalogue No.	Device Size	A Waist Diameter (mm)	B LA Disc Diameter (mm)	C RA Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
FQFDQ- I 06	06	6	16	14	3.0	8F
FQFDQ- I 07	07	7	21	17	3.0	8F
FQFDQ- I 08	08	8	18	16	3.0	8F
FQFDQ- I 09	09	9	23	19	3.0	8F
FQFDQ- I 10	10	10	20	18	3.0	8F
FQFDQ- I 11	11	11	25	21	3.0	9F
FQFDQ- I 12	12	12	22	20	3.0	9F
FQFDQ- I 13	13	13	27	23	3.0	9F
FQFDQ- I 14	14	14	24	22	3.0	9F
FQFDQ- I 15	15	15	29	25	4.0	9F
FQFDQ- I 16	16	16	30	26	4.0	9F
FQFDQ- I 17	17	17	31	27	4.0	9F
FQFDQ- I 18	18	18	32	28	4.0	9F
FQFDQ- I 19	19	19	33	29	4.0	10F
FQFDQ- I 20	20	20	34	30	4.0	10F
FQFDQ- I 22	22	22	36	32	4.0	10F
FQFDQ- I 24	24	24	38	34	4.0	10F
FQFDQ- I 26	26	26	40	36	4.0	12F
FQFDQ- I 28	28	28	42	38	4.0	12F
FQFDQ- I 30	30	30	44	40	4.0	12F
FQFDQ- I 32	32	32	47	42	4.0	12F
FQFDQ- I 34	34	34	49	44	4.0	14F
FQFDQ- I 36	36	36	51	46	4.0	14F
FQFDQ- I 38	38	38	54	50	4.5	14F
FQFDQ- I 40	40	40	56	52	4.5	14F
FQFDQ- I 42	42	42	58	54	4.5	14F
FQFDQ- I 44	44	44	60	56	4.5	14F
FQFDQ- I 46	46	46	62	58	4.5	14F
FQFDQ- I 48	48	48	64	60	4.5	14F
FQFDQ- I 50	50	50	66	62	4.5	14F

**Hubless ASD Occluder**

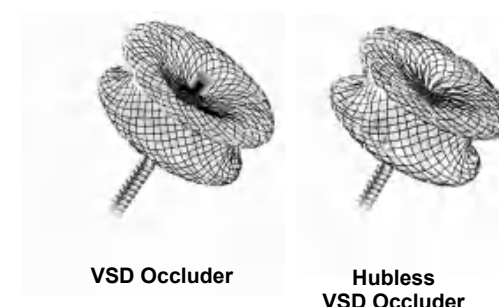
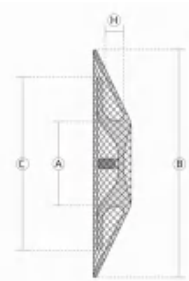
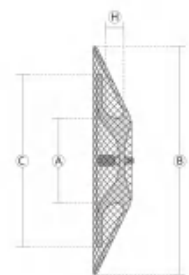
Catalogue No.	Device Size	A Waist Diameter (mm)	B LA Disc Diameter (mm)	C RA Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTFQFDQ- I 06	06	6	16	14	3.0	8F
WTFQFDQ- I 07	07	7	21	17	3.0	8F
WTFQFDQ- I 08	08	8	18	16	3.0	8F
WTFQFDQ- I 09	09	9	23	19	3.0	8F
WTFQFDQ- I 10	10	10	20	18	3.0	8F
WTFQFDQ- I 11	11	11	25	21	3.0	9F
WTFQFDQ- I 12	12	12	22	20	3.0	9F
WTFQFDQ- I 13	13	13	27	23	3.0	9F
WTFQFDQ- I 14	14	14	24	22	3.0	9F
WTFQFDQ- I 15	15	15	29	25	4.0	9F
WTFQFDQ- I 16	16	16	30	26	4.0	9F
WTFQFDQ- I 17	17	17	31	27	4.0	9F
WTFQFDQ- I 18	18	18	32	28	4.0	9F
WTFQFDQ- I 19	19	19	33	29	4.0	10F
WTFQFDQ- I 20	20	20	34	30	4.0	10F
WTFQFDQ- I 22	22	22	36	32	4.0	10F
WTFQFDQ- I 24	24	24	38	34	4.0	10F

Multi-Fenestrated ASD Occluder

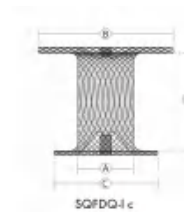
Catalogue No.	Device Size	A Waist Diameter (mm)	B LA Disc Diameter (mm)	C RA Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
FQFDQ- II 06	06	6	30	22	3.0	9F
FQFDQ- II 08	08	8	32	24	3.0	9F
FQFDQ- II 10	10	10	34	26	3.0	10F
FQFDQ- II 12	12	12	36	28	3.0	10F
FQFDQ- II 14	14	14	38	30	3.0	10F
FQFDQ- II 16	16	16	40	32	4.0	12F
FQFDQ- II 18	18	18	42	34	4.0	12F
FQFDQ- II 20	20	20	44	36	4.0	12F
FQFDQ- II 22	22	22	46	38	4.0	12F
FQFDQ- II 24	24	24	48	40	4.0	14F

Hubless Multi-Fenestrated ASD Occluder

Catalogue No.	Device Size	A Waist Diameter (mm)	B LA Disc Diameter (mm)	C RA Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTFQFDQ- II 06	06	6	30	22	3.0	9F
WTFQFDQ- II 08	08	8	32	24	3.0	9F
WTFQFDQ- II 10	10	10	34	26	3.0	10F
WTFQFDQ- II 12	12	12	36	28	3.0	10F
WTFQFDQ- II 14	14	14	38	30	3.0	10F



VSD Occluder

Hubless
VSD Occluder**MemoPart™****Ventricular Septal Defect
(VSD) Occluder****Features**

- Modified rigidity and flexibility for different type of occluders - less stiffness of VSDO reduces the holding force to minimize the risk of third degree atrioventricular block.
- Different waist lengths of VSD occluders minimize the negative impact of compress force to the patients.
- Uniform and smooth oxide film on nitinol wire effectively prevents from the release of nickel ion to guarantee the great biocompatibility and long-term safety.
- Hubless design helps with earlier endothelialization to minimize the risk of thrombosis.

Ordering Information**Muscular VSD Occluder**

Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
SQFDQ- I a04	04	4	8	8	5.0	6F
SQFDQ- I a05	05	5	9	9	5.0	6F
SQFDQ- I a06	06	6	10	10	5.0	7F
SQFDQ- I a07	07	7	11	11	5.0	7F
SQFDQ- I a08	08	8	12	12	5.0	8F
SQFDQ- I a09	09	9	13	13	5.0	8F
SQFDQ- I a10	10	10	14	14	5.0	9F
SQFDQ- I a12	12	12	16	16	5.0	9F
SQFDQ- I a14	14	14	18	18	5.0	10F
SQFDQ- I a16	16	16	20	20	5.0	10F
SQFDQ- I a18	18	18	22	22	5.0	10F
SQFDQ- I b04	04	4	10	8	7.0	6F
SQFDQ- I b05	05	5	11	9	7.0	6F
SQFDQ- I b06	06	6	12	10	7.0	7F
SQFDQ- I b07	07	7	13	11	7.0	7F
SQFDQ- I b08	08	8	14	12	7.0	8F
SQFDQ- I b09	09	9	15	13	7.0	8F
SQFDQ- I b10	10	10	16	14	7.0	9F
SQFDQ- I b12	12	12	18	16	7.0	9F
SQFDQ- I b14	14	14	20	18	7.0	10F
SQFDQ- I b16	16	16	22	20	7.0	10F
SQFDQ- I b18	18	18	24	22	7.0	10F
SQFDQ- I c04	04	4	14	10	10.0	6F
SQFDQ- I c05	05	5	15	11	10.0	7F
SQFDQ- I c06	06	6	16	12	10.0	8F
SQFDQ- I c07	07	7	17	13	10.0	8F
SQFDQ- I c08	08	8	18	14	10.0	8F
SQFDQ- I c09	09	9	19	15	10.0	8F
SQFDQ- I c10	10	10	20	16	10.0	9F
SQFDQ- I c12	12	12	22	18	10.0	9F
SQFDQ- I c14	14	14	24	20	10.0	10F
SQFDQ- I c16	16	16	26	22	10.0	10F
SQFDQ- I c18	18	18	28	24	10.0	10F

Hubless Muscular VSD Occluder

Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTSQFDQ- I a04	04	4	8	8	5.0	6F
WTSQFDQ- I a05	05	5	9	9	5.0	6F
WTSQFDQ- I a06	06	6	10	10	5.0	7F
WTSQFDQ- I a07	07	7	11	11	5.0	7F
WTSQFDQ- I a08	08	8	12	12	5.0	8F
WTSQFDQ- I a09	09	9	13	13	5.0	8F
WTSQFDQ- I a10	10	10	14	14	5.0	9F
WTSQFDQ- I a12	12	12	16	16	5.0	9F
WTSQFDQ- I a14	14	14	18	18	5.0	10F
WTSQFDQ- I a16	16	16	20	20	5.0	10F
WTSQFDQ- I a18	18	18	22	22	5.0	10F
WTSQFDQ- I b04	04	4	10	8	7.0	6F
WTSQFDQ- I b05	05	5	11	9	7.0	6F
WTSQFDQ- I b06	06	6	12	10	7.0	7F
WTSQFDQ- I b07	07	7	13	11	7.0	7F
WTSQFDQ- I b08	08	8	14	12	7.0	8F
WTSQFDQ- I b09	09	9	15	13	7.0	8F
WTSQFDQ- I b10	10	10	16	14	7.0	9F
WTSQFDQ- I b12	12	12	18	16	7.0	9F
WTSQFDQ- I b14	14	14	20	18	7.0	10F
WTSQFDQ- I b16	16	16	22	20	7.0	10F
WTSQFDQ- I b18	18	18	24	22	7.0	10F
WTSQFDQ- I c04	04	4	14	10	10.0	6F
WTSQFDQ- I c05	05	5	15	11	10.0	7F
WTSQFDQ- I c06	06	6	16	12	10.0	8F
WTSQFDQ- I c07	07	7	17	13	10.0	8F
WTSQFDQ- I c08	08	8	18	14	10.0	8F
WTSQFDQ- I c09	09	9	19	15	10.0	8F
WTSQFDQ- I c10	10	10	20	16	10.0	9F
WTSQFDQ- I c12	12	12	22	18	10.0	9F
WTSQFDQ- I c14	14	14	24	20	10.0	10F
WTSQFDQ- I c16	16	16	26	22	10.0	10F
WTSQFDQ- I c18	18	18	28	24	10.0	10F

Membranous Symmetric VSD Occluder

Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
SQFDQ- II b04	04	4	8	8	3.5	6F
SQFDQ- II b05	05	5	9	9	4.0	6F
SQFDQ- II b06	06	6	10	10	4.0	6F
SQFDQ- II b07	07	7	11	11	4.0	6F
SQFDQ- II b08	08	8	12	12	4.0	6F
SQFDQ- II b09	09	9	13	13	4.5	6F
SQFDQ- II b10	10	10	14	14	4.5	6F
SQFDQ- II b12	12	12	16	15	4.5	7F
SQFDQ- II b14	14	14	18	17	4.5	9F
SQFDQ- II b16	16	16	22	20	5.0	10F
SQFDQ- II b18	18	18	24	22	5.0	10F
SQFDQ- II b20	20	20	26	24	5.0	12F

Hubless Membranous Symmetric VSD Occluder

Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTSQFDQ- II b04	04	4	8	8	3.5	6F
WTSQFDQ- II b05	05	5	9	9	4.0	6F
WTSQFDQ- II b06	06	6	10	10	4.0	6F
WTSQFDQ- II b07	07	7	11	11	4.0	6F
WTSQFDQ- II b08	08	8	12	12	4.0	6F
WTSQFDQ- II b09	09	9	13	13	4.5	6F
WTSQFDQ- II b10	10	10	14	14	4.5	6F
WTSQFDQ- II b12	12	12	16	15	4.5	7F
WTSQFDQ- II b14	14	14	18	17	4.5	9F
WTSQFDQ- II b16	16	16	22	20	5.0	10F
WTSQFDQ- II b18	18	18	24	22	5.0	10F
WTSQFDQ- II b20	20	20	26	24	5.0	12F

Membranous Asymmetric VSD Occluder for Multi-Fenestrated Defects

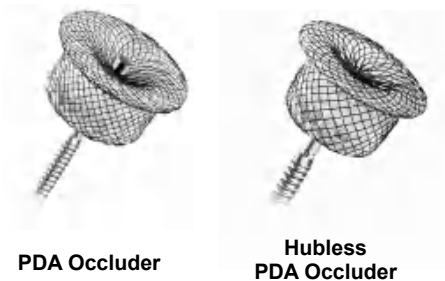
Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
SQFDQ- III 04	04	4	12	8	3.5	7F
SQFDQ- III 05	05	5	13	9	4.0	8F
SQFDQ- III 06	06	6	14	10	4.0	8F
SQFDQ- III 07	07	7	15	11	4.0	8F
SQFDQ- III 08	08	8	16	12	4.0	9F
SQFDQ- III 09	09	9	17	13	4.5	9F
SQFDQ- III 10	10	10	18	14	4.5	9F
SQFDQ- III 12	12	12	20	16	4.5	10F
SQFDQ- III 14	14	14	22	18	4.5	10F
SQFDQ- III 16	16	16	24	20	5.0	10F
SQFDQ- III 18	18	18	26	22	5.0	12F

Hubless Membranous Asymmetric VSD Occluder for Multi-Fenestrated Defects

Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTSQFDQ- III 04	04	4	12	8	3.5	7F
WTSQFDQ- III 05	05	5	13	9	4.0	8F
WTSQFDQ- III 06	06	6	14	10	4.0	8F
WTSQFDQ- III 07	07	7	15	11	4.0	8F
WTSQFDQ- III 08	08	8	16	12	4.0	9F
WTSQFDQ- III 09	09	9	17	13	4.5	9F
WTSQFDQ- III 10	10	10	18	14	4.5	9F
WTSQFDQ- III 12	12	12	20	16	4.5	10F
WTSQFDQ- III 14	14	14	22	18	4.5	10F
WTSQFDQ- III 16	16	16	24	20	5.0	10F
WTSQFDQ- III 18	18	18	26	22	5.0	12F

Zero Rim Eccentric VSDO for the Defect Close to Aortic Valve

Catalogue No.	Device Size	A Waist Diameter (mm)	B LV Disc Diameter (mm)	C RV Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
SQFDQ- IV 04	04	4	9	8	3.5	6F
SQFDQ- IV 05	05	5	10	9	3.5	7F
SQFDQ- IV 06	06	6	11	10	4.0	7F
SQFDQ- IV 07	07	7	12	11	4.0	8F
SQFDQ- IV 08	08	8	13	12	4.5	8F
SQFDQ- IV 09	09	9	14	13	5.0	9F
SQFDQ- IV 10	10	10	17	15	5.0	9F
SQFDQ- IV 12	12	12	20	18	5.0	10F
SQFDQ- IV 14	14	14	22	20	5.0	10F
SQFDQ- IV 16	16	16	24	22	5.0	10F



MemoPart™
Patent Ductus Arteriosus
(PDA) Occluder



Features

- Modified rigidity and flexibility for different type of occluders - balanced stiffness of PDAO ensures the optimal occlusion performance.
- Uniform and smooth oxide film on nitinol wire effectively prevents from the release of nickel ion to guarantee the great biocompatibility and long-term safety.
- Hubless design helps with earlier endothelialization to minimize the risk of thrombosis.

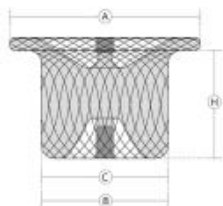
Ordering Information

Cone Shape PDA Occluder

Catalogue No.	Device Size	B Aortic Waist Diameter (mm)	C Pulmonic Waist Diameter (mm)	A Aortic Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WBFDQ- II 06	0406	6	4	10	6.0	6F
WBFDQ- II 08	0608	8	6	12	6.5	6F
WBFDQ- II 10	0810	10	8	14	7.5	6F
WBFDQ- II 12	1012	12	10	16	8.5	7F
WBFDQ- II 14	1214	14	12	18	9.5	8F
WBFDQ- II 16	1416	16	14	20	10.5	9F
WBFDQ- II 18	1618	18	16	23	10.5	10F
WBFDQ- II 20	1820	20	18	25	12.0	12F
WBFDQ- II 22	2022	22	20	27	12.0	12F

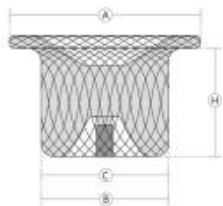
Hubless Cone Shape PDA Occluder

Catalogue No.	Device Size	B Aortic Waist Diameter (mm)	C Pulmonic Waist Diameter (mm)	A Aortic Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTWBFDQ- II 06	0406	6	4	10	6.0	6F
WTWBFDQ- II 08	0608	8	6	12	6.5	6F
WTWBFDQ- II 10	0810	10	8	14	7.5	6F
WTWBFDQ- II 12	1012	12	10	16	8.5	7F
WTWBFDQ- II 14	1214	14	12	18	9.5	8F
WTWBFDQ- II 16	1416	16	14	20	10.5	9F
WTWBFDQ- II 18	1618	18	16	23	10.5	10F
WTWBFDQ- II 20	1820	20	18	25	12.0	12F
WTWBFDQ- II 22	2022	22	20	27	12.0	12F



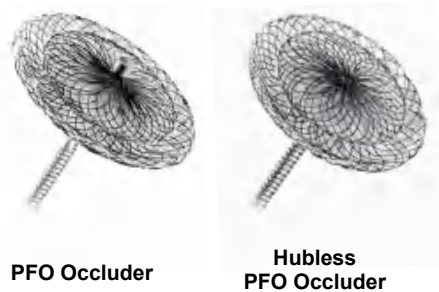
Cylinder Shape PDA Occluder

Catalogue No.	Device Size	B Aortic Waist Diameter (mm)	C Pulmonic Waist Diameter (mm)	A Aortic Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WBFDQ- I 04	04	4	4	8	4.0	6F
WBFDQ- I 05	05	5	5	9	5.0	6F
WBFDQ- I 06	06	6	6	10	6.0	6F
WBFDQ- I 07	07	7	7	11	6.5	6F
WBFDQ- I 08	08	8	8	12	6.5	6F
WBFDQ- I 09	09	9	9	13	7.0	6F
WBFDQ- I 10	10	10	10	14	7.5	6F
WBFDQ- I 11	11	11	11	15	8.0	7F
WBFDQ- I 12	12	12	12	16	8.5	7F
WBFDQ- I 13	13	13	13	17	8.5	8F
WBFDQ- I 14	14	14	14	18	9.5	8F
WBFDQ- I 16	16	16	16	21	10.5	9F
WBFDQ- I 18	18	18	18	23	10.5	10F
WBFDQ- I 20	20	20	20	25	12.0	12F
WBFDQ- I 22	22	22	22	27	12.0	12F



Hubless Cylinder Shape PDA Occluder

Catalogue No.	Device Size	B Aortic Waist Diameter (mm)	C Pulmonic Waist Diameter (mm)	A Aortic Disc Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTWBFDQ- I 04	04	4	4	8	4.0	6F
WTWBFDQ- I 05	05	5	5	9	5.0	6F
WTWBFDQ- I 06	06	6	6	10	6.0	6F
WTWBFDQ- I 07	07	7	7	11	6.5	6F
WTWBFDQ- I 08	08	8	8	12	6.5	6F
WTWBFDQ- I 09	09	9	9	13	7.0	6F
WTWBFDQ- I 10	10	10	10	14	7.5	6F
WTWBFDQ- I 11	11	11	11	15	8.0	7F
WTWBFDQ- I 12	12	12	12	16	8.5	7F
WTWBFDQ- I 13	13	13	13	17	8.5	8F
WTWBFDQ- I 14	14	14	14	18	9.5	8F
WTWBFDQ- I 16	16	16	16	21	10.5	9F
WTWBFDQ- I 18	18	18	18	23	10.5	10F
WTWBFDQ- I 20	20	20	20	25	12.0	12F
WTWBFDQ- I 22	22	22	22	27	12.0	12F

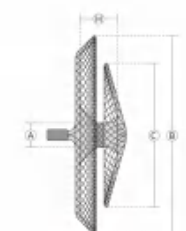
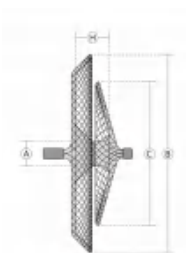


Features

- Modified rigidity and flexibility for different type of occluders - greater stiffness of PFOO offers excellent supporting force for big disks.
- Uniform and smooth oxide film on nitinol wire effectively prevents from the release of nickel ion to guarantee the great biocompatibility and long-term safety.
- Optional hubless design helps with earlier endothelialization to minimize the risk of thrombosis.

MemoPart™

Patent Foramen Ovale (PFO) Occluder



Ordering Information

PFO Occluder

Catalogue No.	Device Size	C LA Disc Diameter (mm)	B RA Disc Diameter (mm)	A Waist Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
LYKFDQ- I 1818	1818	18	18	3.5	6.0	9F
LYKFDQ- I 1824	1824	18	24	4.0	7.0	9F
LYKFDQ- I 2424	2424	24	24	4.0	7.0	9F
LYKFDQ- I 2228	2228	22	28	4.5	7.0	10F
LYKFDQ- I 2828	2828	28	28	4.5	7.0	10F
LYKFDQ- I 2534	2534	25	34	5.0	7.0	12F
LYKFDQ- I 3434	3434	34	34	5.0	7.0	12F

Hubless PFO Occluder

Catalogue No.	Device Size	C LA Disc Diameter (mm)	B RA Disc Diameter (mm)	A Waist Diameter (mm)	H Waist Length (mm)	Smallest Recommended Sheath Size
WTLYKFDQ- I 1818	1818	18	18	3.5	6.0	9F
WTLYKFDQ- I 1824	1824	18	24	4.0	7.0	9F
WTLYKFDQ- I 2424	2424	24	24	4.0	7.0	9F
WTLYKFDQ- I 2228	2228	22	28	4.5	7.0	10F
WTLYKFDQ- I 2828	2828	28	28	4.5	7.0	10F
WTLYKFDQ- I 2534	2534	25	34	5.0	7.0	12F
WTLYKFDQ- I 3434	3434	34	34	5.0	7.0	12F



MemoLefort®

Left Atrial Appendage Occluders System

Features

- Self-expanding nitinol self-centering scaffold, providing excellent conformity, applicable to more than 98.5% anatomic LAA types.
- Flower gathered design, friendly to surrounding tissue after implantation.
- Disk concave design, facilitates endothelialization process.
- Integrated barbed-wire, makes stable after release.
- 150um PET film, prevents blood effectively, decrease residual shunt.
- Delivered with MemoLefort Left Atrial Appendage Occluder Delivery System, makes easy manipulation and accurate release.

Ordering Information

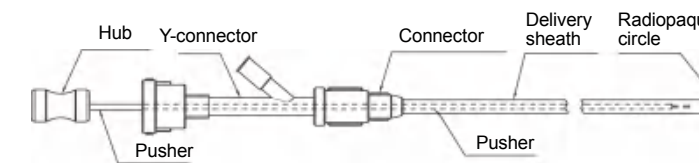
MemoLefort LAA occluder device

Catalogue No.	A Diameter (mm)	H Height (mm)
LAFDQ-20	21	17
LAFDQ-23	24	19
LAFDQ-26	27	22
LAFDQ-29	30	24
LAFDQ-32	33	26



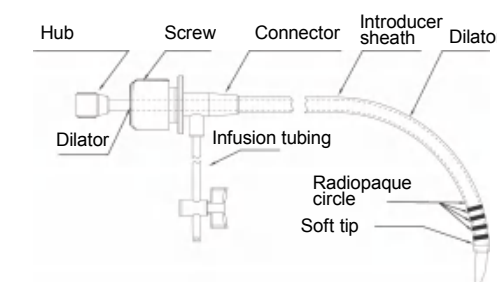
MemoLefort LAA occluder delivery system

Catalogue No.	Name	Length (mm)
12F	Delivery system effective length	800



MemoLefort Dilator

Catalogue No.	Component	Catalogue No.	Component
14F	Introducer sheath	Effective length of guiding sheath	650
	Dilator	Dilator effective length	700



*MRI compatible under certain parameters (static magnetic field strength at 1.5T or 3T, magnetic field space gradient should be no more than 10T/m)



Vascular Plug



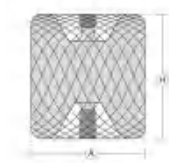
Hubless Vascular Plug

Features

MemoPart™ Plug is a percutaneous, transcatheter device applied to the closure of a wide variety of veins and arteries, reducing or eliminating blood flow by blocking the target vessel. The vascular plug can be used for the patients with clinical symptoms of abnormal blood vessels, such as:

- Aortopulmonary collaterals
- Arteriovenous malformation
- Surgical aortopulmonary shunts
- Anomalous venovenous connections
- Arteriovenous fistulas
- Peripheral vessels

MemoPart™ Plug



Ordering Information

Vascular Plug

Catalogue No.	Device Size	A Waist Diameter (mm)	B Waist Length (mm)	Smallest Recommended Sheath Size
XGSFDQ- I 04	04	4	5.0	6F
XGSFDQ- I 06	06	6	6.5	6F
XGSFDQ- I 08	08	8	7.5	6F
XGSFDQ- I 10	10	10	8.5	6F
XGSFDQ- I 12	12	12	9.5	7F
XGSFDQ- I 14	14	14	10.5	7F
XGSFDQ- I 16	16	16	11.0	8F
XGSFDQ- I 18	18	18	11.0	9F
XGSFDQ- I 20	20	20	12.0	10F
XGSFDQ- I 22	22	22	13.0	10F

Hubless Vascular Plug

Catalogue No.	Device Size	A Waist Diameter (mm)	B Waist Length (mm)	Smallest Recommended Sheath Size
WTXGSFDQ- I 04	04	4	5.0	6F
WTXGSFDQ- I 06	06	6	6.5	6F
WTXGSFDQ- I 08	08	8	7.5	6F
WTXGSFDQ- I 10	10	10	8.5	6F
WTXGSFDQ- I 12	12	12	9.5	7F
WTXGSFDQ- I 14	14	14	10.5	7F
WTXGSFDQ- I 16	16	16	11.0	8F
WTXGSFDQ- I 18	18	18	11.0	9F
WTXGSFDQ- I 20	20	20	12.0	10F
WTXGSFDQ- I 22	22	22	13.0	10F



Features

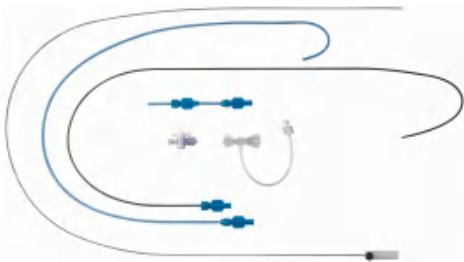
MemoPart™ Snare is composed by Nitinol coated Tungsten coil and the Nitinol shaft, which provides great radiopacity, biocompatibility and shape memory ability. This is a widely used device to:

- Establish the femoral artery-vein loop
- Retrieve the dislocated occluder
- Retrieve stent or guide wire
- Retrieve the blood filter
- Help with control navigation, etc.

MemoPart™ Snare

Ordering Information

Catalogue No.	Effective Length (mm)	Diameter of Snare Circle (mm)	Angle
Snare-15	1240	15	90°
Snare-20	1240	20	90°



MemoPart™
Occluder Delivery
System
CE

Features

- Two different lengths of the sheath for adults and children.
- Anti-kink delivery system is also available for VSD occluders.

The delivery system includes:

- Loader (1)
- Long Sheath (1)
- Dilator (1)
- Cable (1)
- Y-connector with tubing (1)

Ordering Information

Delivery System for Adult ASD and PFO Occluders

Catalogue No.	Loader		Long sheath			Dilator	Pusher	
	I.D. (mm)	Effective Length (mm)	I.D. (mm)	Effective Length (mm)	Angle		Effective Length (mm)	Diameter (mm)
ODS-A-I-5F	5F/1.85	130	5F/1.85	800	45°	920	1200	1.4
ODS-A-I-6F	6F/2.0	130	6F/2.0	800	45°	920	1200	1.6
ODS-A-I-7F	7F/2.33	130	7F/2.33	800	45°	920	1200	1.8
ODS-A-I-8F	8F/2.67	130	8F/2.67	800	45°	920	1200	1.8
ODS-A-I-9F	9F/3.0	130	9F/3.0	800	45°	920	1200	1.8
ODS-A-I-10F	10F/3.33	130	10F/3.33	800	45°	920	1200	1.9
ODS-A-I-12F	12F/4.0	160	12F/4.0	800	45°	920	1200	2.0
ODS-A-I-14F	14F/4.67	160	14F/4.67	800	45°	920	1200	2.0

Delivery System for Adult VSD, PDA Occluders and Plug

Catalogue No.	Loader		Long sheath			Dilator	Pusher	
	I.D. (mm)	Effective Length (mm)	I.D. (mm)	Effective Length (mm)	Angle		Effective Length (mm)	Diameter (mm)
ODS-P/V-II-5F	5F/1.85	130	5F/1.85	800	180°	920	1200	1.4
ODS-P/V-II-6F	6F/2.0	130	6F/2.0	800	180°	920	1200	1.6
ODS-P/V-II-7F	7F/2.33	130	7F/2.33	800	180°	920	1200	1.8
ODS-P/V-II-8F	8F/2.67	130	8F/2.67	800	180°	920	1200	1.8
ODS-P/V-II-9F	9F/3.0	130	9F/3.0	800	180°	920	1200	1.8
ODS-P/V-II-10F	10F/3.33	130	10F/3.33	800	180°	920	1200	1.9
ODS-P/V-II-12F	12F/4.0	160	12F/4.0	800	180°	920	1200	2.0
ODS-P/V-II-14F	14F/4.67	160	14F/4.67	800	180°	920	1200	2.0

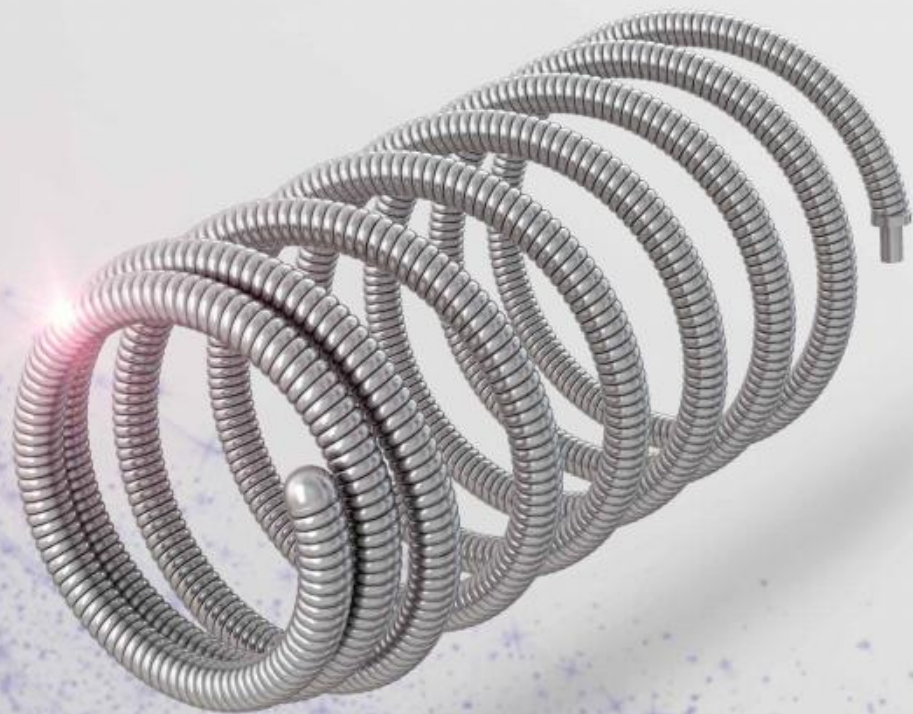
Delivery System for Children ASD and PFO Occluders

Catalogue No.	Loader		Long sheath			Dilator	Pusher	
	I.D. (mm)	Effective Length (mm)	I.D. (mm)	Effective Length (mm)	Angle		Effective Length (mm)	Diameter (mm)
ODS-A-III-5F	5F/1.85	130	5F/1.85	600	45°	680	1200	1.4
ODS-A-III-6F	6F/2.0	130	6F/2.0	600	45°	680	1200	1.6
ODS-A-III-7F	7F/2.33	130	7F/2.33	600	45°	680	1200	1.8
ODS-A-III-8F	8F/2.67	130	8F/2.67	600	45°	680	1200	1.8
ODS-A-III-9F	9F/3.0	130	9F/3.0	600	45°	680	1200	1.8
ODS-A-III-10F	10F/3.33	130	10F/3.33	600	45°	680	1200	1.9
ODS-A-III-12F	12F/4.0	160	12F/4.0	600	45°	680	1200	2.0
ODS-A-III-14F	14F/4.67	160	14F/4.67	600	45°	680	1200	2.0

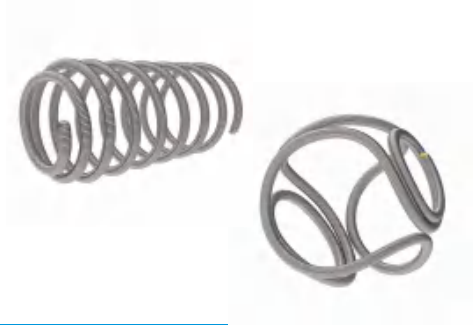
Delivery System for Children VSD, PDA Occluders and Plug

Catalogue No.	Loader		Long sheath			Dilator	Pusher	
	I.D. (mm)	Effective Length (mm)	I.D. (mm)	Effective Length (mm)	Angle		Effective Length (mm)	Diameter (mm)
ODS-P/V-IV-5F	5F/1.85	130	5F/1.85	600	180°	680	1200	1.4
ODS-P/V-IV-6F	6F/2.0	130	6F/2.0	600	180°	680	1200	1.6
ODS-P/V-IV-7F	7F/2.33	130	7F/2.33	600	180°	680	1200	1.8
ODS-P/V-IV-8F	8F/2.67	130	8F/2.67	600	180°	680	1200	1.8
ODS-P/V-IV-9F	9F/3.0	130	9F/3.0	600	180°	680	1200	1.8
ODS-P/V-IV-10F	10F/3.33	130	10F/3.33	600	180°	680	1200	1.9
ODS-P/V-IV-12F	12F/4.0	160	12F/4.0	600	180°	680	1200	2.0
ODS-P/V-IV-14F	14F/4.67	160	14F/4.67	600	180°	680	1200	2.0

09 Neurovascular Products



65	Perdenser® Embolic Coil System	CE
68	Perfiller® Expansible Embolic Coil System	CE
70	Deromper® Coil Detachment Controller	CE
71	Frepass® Disposable Microcatheter	CE
72	Proender® Disposable Embolic Protection Device	CE
73	Freble™ Disposable Intermediate Catheter	



Perdenser[®]
Embolitic Coil
System
CE

Features:

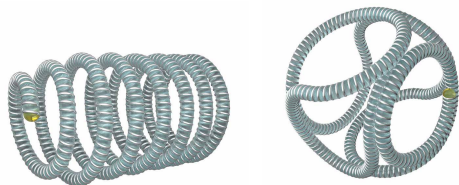
- Full Range of Sizes for Accurate Positioning
- Multi-segments of Delivery System
- Strengthen Anti-unwinding Force
- Soft Shrunk Distal Loops
- Uniform and Compact Filling Performance
- Safe and Reliable Immediate Detaching System

Product Specifications

Specification	Loop Dia. (mm)	Length (cm)	Coil Structure
TJCST1.502-2D	1.5	2	Helical
TJCST1.503-2D	1.5	3	Helical
TJCST1.504-2D	1.5	4	Helical
TJCST0201-2D	2	1	Helical
TJCST0202-2D	2	2	Helical
TJCST0203-2D	2	3	Helical
TJCST0204-2D	2	4	Helical
TJCST0206-2D	2	6	Helical
TJCST0208-2D	2	8	Helical
TJCST2.502-2D	2.5	2	Helical
TJCST2.504-2D	2.5	4	Helical
TJCST2.506-2D	2.5	6	Helical
TJCST2.508-2D	2.5	8	Helical
TJCST0304-2D	3	4	Helical
TJCST0306-2D	3	6	Helical
TJCST0308-2D	3	8	Helical
TJCST0310-2D	3	10	Helical
TJCST0312-2D	3	12	Helical
TJCST3.506-2D	3.5	6	Helical
TJCST3.508-2D	3.5	8	Helical
TJCST3.510-2D	3.5	10	Helical
TJCST3.512-2D	3.5	12	Helical
TJCST0404-2D	4	4	Helical
TJCST0406-2D	4	6	Helical
TJCST0408-2D	4	8	Helical
TJCST0410-2D	4	10	Helical
TJCST4.506-2D	4.5	6	Helical
TJCST4.508-2D	4.5	8	Helical
TJCST4.510-2D	4.5	10	Helical
TJCST4.512-2D	4.5	12	Helical

Specification	Loop Dia. (mm)	Length (cm)	Coil Structure
TJCST4.515-2D	4.5	15	Helical
TJCST0509-2D	5	9	Helical
TJCST0510-2D	5	10	Helical
TJCST0515-2D	5	15	Helical
TJCST0520-2D	5	20	Helical
TJCST0610-2D	6	10	Helical
TJCST0611-2D	6	11	Helical
TJCST0615-2D	6	15	Helical
TJCST0620-2D	6	20	Helical
TJCST0715-2D	7	15	Helical
TJCST0720-2D	7	20	Helical
TJCST0730-2D	7	30	Helical
TJCST0815-2D	8	15	Helical
TJCST0820-2D	8	20	Helical
TJCST0830-2D	8	30	Helical
TJCST0920-2D	9	20	Helical
TJCST0930-2D	9	30	Helical
TJCST1020-2D	10	20	Helical
TJCST1030-2D	10	30	Helical
TJCST1130-2D	11	30	Helical
TJCST1230-2D	12	30	Helical
TJCST1330-2D	13	30	Helical
TJCST1430-2D	14	30	Helical
TJCST1530-2D	15	30	Helical
TJCST1630-2D	16	30	Helical
TJCST1830-2D	18	30	Helical
TJCST2030-2D	20	30	Helical
TJCST1.502-3D	1.5	2	Complex
TJCST1.503-3D	1.5	3	Complex
TJCST1.504-3D	1.5	4	Complex
TJCST0201-3D	2	1	Complex
TJCST0202-3D	2	2	Complex
TJCST0203-3D	2	3	Complex
TJCST0204-3D	2	4	Complex
TJCST0206-3D	2	6	Complex
TJCST0208-3D	2	8	Complex
TJCST2.502-3D	2.5	2	Complex
TJCST2.504-3D	2.5	4	Complex
TJCST2.506-3D	2.5	6	Complex
TJCST2.508-3D	2.5	8	Complex
TJCST0304-3D	3	4	Complex
TJCST0306-3D	3	6	Complex
TJCST0308-3D	3	8	Complex
TJCST0310-3D	3	10	Complex
TJCST0312-3D	3	12	Complex
TJCST3.506-3D	3.5	6	Complex
TJCST3.508-3D	3.5	8	Complex
TJCST3.510-3D	3.5	10	Complex
TJCST3.512-3D	3.5	12	Complex
TJCST0404-3D	4	4	Complex
TJCST0406-3D	4	6	Complex
TJCST0408-3D	4	8	Complex
TJCST0410-3D	4	10	Complex
TJCST4.506-3D	4.5	6	Complex
TJCST4.508-3D	4.5	8	Complex
TJCST4.510-3D	4.5	10	Complex
TJCST4.512-3D	4.5	12	Complex

Specification	Loop Dia. (mm)	Length (cm)	Coil Structure
TJCST4.515-3D	4.5	15	Complex
TJCST0509-3D	5	9	Complex
TJCST0510-3D	5	10	Complex
TJCST0515-3D	5	15	Complex
TJCST0520-3D	5	20	Complex
TJCST0610-3D	6	10	Complex
TJCST0611-3D	6	11	Complex
TJCST0615-3D	6	15	Complex
TJCST0620-3D	6	20	Complex
TJCST0715-3D	7	15	Complex
TJCST0720-3D	7	20	Complex
TJCST0730-3D	7	30	Complex
TJCST0815-3D	8	15	Complex
TJCST0820-3D	8	20	Complex
TJCST0830-3D	8	30	Complex
TJCST0920-3D	9	20	Complex
TJCST0930-3D	9	30	Complex
TJCST1020-3D	10	20	Complex
TJCST1030-3D	10	30	Complex
TJCST1130-3D	11	30	Complex
TJCST1230-3D	12	30	Complex
TJCST1330-3D	13	30	Complex
TJCST1430-3D	14	30	Complex
TJCST1530-3D	15	30	Complex
TJCST1630-3D	16	30	Complex
TJCST1830-3D	18	30	Complex
TJCST2030-3D	20	30	Complex



Perfiller®
Expansible
Embolic Coil
System
CE

Features:

- The polymer core expands when exposed to water, effectively increasing the packing density, and achieving compact embolization, effectively reducing the long-term recurrence rate
- The expansion of the polymer core can effectively increase the stability of the coil and avoid the compression of the packed coil under the impact of blood flow, thereby ensuring long-term effective sealing of the aneurysm neck, eliminating dog-ear remnant and effectively reducing the recurrence rate
- Comparing with bare metal coils, Perfiller of the same length has a lower metal occupancy rate, a softer coil, and improved efficacy and safety during use
- Minimum loop diameter is 1mm and a wide range of small size coils provide more options for small aneurysms as finishing coils
- The new delivery system has greater pushability and crossability. The torque response and torque transmission of the pusher are improved. The delivery process is easier and smoother

Product Specifications

Specification	Loop Dia. (mm)	Length (cm)	Coil Structure
TJCHYL0102	1	2	Helical
TJCHYL1.501	1.5	1	Helical
TJCHYL1.502	1.5	2	Helical
TJCHYL1.504	1.5	4	Helical
TJCHYL0201	2	1	Helical
TJCHYL0202	2	2	Helical
TJCHYL0203	2	3	Helical
TJCHYL0204	2	4	Helical
TJCHYL0206	2	6	Helical
TJCHYL0208	2	8	Helical
TJCHYL2.502	2.5	2	Helical
TJCHYL2.504	2.5	4	Helical
TJCHYL2.506	2.5	6	Helical
TJCHYL0302	3	2	Helical
TJCHYL0303	3	3	Helical
TJCHYL0304	3	4	Helical
TJCHYL0306	3	6	Helical
TJCHYL0308	3	8	Helical
TJCHYL0310	3	10	Helical
TJCHYL0312	3	12	Helical
TJCHYL0404	4	4	Helical
TJCHYL0406	4	6	Helical
TJCHYL0408	4	8	Helical
TJCHYL0410	4	10	Helical
TJCHYL0415	4	15	Helical
TJCHYL0506	5	6	Helical
TJCHYL0508	5	8	Helical
TJCHYL0510	5	10	Helical
TJCHYL0515	5	15	Helical
TJCHYL0520	5	20	Helical

Specification	Loop Dia. (mm)	Length (cm)	Coil Structure
TJCHYL0606	6	6	Helical
TJCHYL0608	6	8	Helical
TJCHYL0610	6	10	Helical
TJCHYL0615	6	15	Helical
TJCHYL0620	6	20	Helical
TJCHYL0625	6	25	Helical
TJCHYL0710	7	10	Helical
TJCHYL0720	7	20	Helical
TJCHYL0730	7	30	Helical
TJCHYL0810	8	10	Helical
TJCHYL0820	8	20	Helical
TJCHYL0830	8	30	Helical
TJCHYL0930	9	30	Helical
TJCHYL0935	9	35	Helical
TJCHYL1030	10	30	Helical
TJCHYL1040	10	40	Helical
TJCHYF0102	1	2	Complex
TJCHYF1.502	1.5	2	Complex
TJCHYF1.503	1.5	3	Complex
TJCHYF0202	2	2	Complex
TJCHYF0204	2	4	Complex
TJCHYF0206	2	6	Complex
TJCHYF2.502	2.5	2	Complex
TJCHYF2.504	2.5	4	Complex
TJCHYF2.506	2.5	6	Complex
TJCHYF0304	3	4	Complex
TJCHYF0306	3	6	Complex
TJCHYF0308	3	8	Complex
TJCHYF0310	3	10	Complex
TJCHYF0405	4	5	Complex
TJCHYF0408	4	8	Complex
TJCHYF0410	4	10	Complex
TJCHYF0510	5	10	Complex
TJCHYF0515	5	15	Complex
TJCHYF0612	6	12	Complex
TJCHYF0620	6	20	Complex
TJCHYF0715	7	15	Complex
TJCHYF0720	7	20	Complex
TJCHYF0728	7	28	Complex
TJCHYF0817	8	17	Complex
TJCHYF0830	8	30	Complex
TJCHYF0920	9	20	Complex
TJCHYF0930	9	30	Complex
TJCHYF1020	10	20	Complex
TJCHYF1030	10	30	Complex
TJCHYF1120	11	20	Complex
TJCHYF1130	11	30	Complex
TJCHYF1140	11	40	Complex
TJCHYF1225	12	25	Complex
TJCHYF1325	13	25	Complex
TJCHYF1345	13	45	Complex
TJCHYF1430	14	30	Complex
TJCHYF1550	15	50	Complex
TJCHYF1630	16	30	Complex
TJCHYF1645	16	45	Complex
TJCHYF1840	18	40	Complex
TJCHYF1850	18	50	Complex
TJCHYF2040	20	40	Complex



Deromper® Coil
Detachment
Controller
CE

Features:

- Safe and Reliable
"T shape detachment" method avoids detaching area exposing to the aneurysm causing an aneurysm rupture
- Fast Detaching
The detaching point is applied with polymer wire and immediate fusing technique, which ensure the detachment finishing within 1 second

Product Specifications

Catalogue No.	Product Specifications
Deromper® Coil Detachment Controller	TJCDC



Freepass® Disposable Microcatheter

CE

Features:

- Three-layer structure of the microcatheter contributes to the high static pressure resistance, which could reach up to 600psi (4137KPa).
- Multi-segments design with smooth transition ensures excellent flexibility, crossability and pushability during delivery.
- The long distal soft segment improves the sensitivity of the catheter during delivery.
- Soft segment is covered by coiled Pt-W alloy, which provides great radiopacity and better trackability in the vessel.
- Ultra-soft tip ensures better plasticity even for multiple times of tip shaping.
- Hydrophilic coating on the whole catheter provides outstanding deliverability.

Product Specifications

Catalogue No.	Effective Length	Catheter Proximal O.D.	Catheter Distal O.D.	Flexible Tip Length	Catheter I.D.	Tip Shape	Markers
TJMC10	150cm	2.2F/0.73mm	1.8F/0.60mm	50cm	0.015"	Straight, Steam Shapeable	2
TJMC14	150cm	2.3F/0.76mm	1.9F/0.63mm	50cm	0.165"	Straight, Steam Shapeable	2
TJMC16	150cm	2.8F/0.93mm	2.3F/0.76mm	50cm	0.021"	Straight, Steam Shapeable	2
TJMC18	140cm	2.8F/0.83mm	2.5F/0.83mm	30cm	0.027"	Straight, Steam Shapeable	1



Proender® Disposable Embolic Protection Device

CE

Features:

- Nitinol material with great hemocompatibility. Soft braided filter and round distal tip minimize the risk of trauma to the vessel
- Excellent axial control and kink resistance provide superior deliverability and crossability through tortuous anatomy.
- Gold loop marker could identify the release status of the filter, which ensures the optimal positioning of the filter in the vessel
- The unique design of guidewire casing on the filter prevents from its displacement caused by the movement of guidewire
- Gradient pore diameter from distal to proximal end guarantees efficient embolus capturing while maintaining continuous blood flow
- Integrated sheaths for delivery and retrieval are compatible with 5F/6F catheters and 0.014" guidewire, which could achieve rapid exchange during the procedure

Product Specifications

Catalogue NO.	Filter Diameter (mm)	Guide Wire Length (cm)	Guide Wire Compatibility	Delivery Shaft O.D.	Retrieval Shaft O.D.	Guiding Catheter Compatibility (min.)
TJEP03-190	3	190	0.014"	3.2F	4.2F	0.066"
TJEP04-190	4	190	0.014"	3.2F	4.2F	0.066"
TJEP05-190	5	190	0.014"	3.2F	4.2F	0.066"
TJEP06-190	6	190	0.014"	3.2F	4.2F	0.066"
TJEP07-190	7	190	0.014"	3.2F	4.2F	0.066"
TJEP08-190	8	190	0.014"	3.2F	4.2F	0.066"
TJEP03-320	3	320	0.014"	3.2F	4.2F	0.066"
TJEP04-320	4	320	0.014"	3.2F	4.2F	0.066"
TJEP05-320	5	320	0.014"	3.2F	4.2F	0.066"
TJEP06-320	6	320	0.014"	3.2F	4.2F	0.066"
TJEP07-320	7	320	0.014"	3.2F	4.2F	0.066"
TJEP08-320	8	320	0.014"	3.2F	4.2F	0.066"



Features:

- To be precise and satisfied,through all the tortuous.
- Excellent push and strong support.
- 6F large diameter 0.072".
- Various configurations of catheter tip.
- Tip softening treatment.
- Overall gradient hardness design.
- Three-layer composite structure.

Freble™
Disposable
Intermediate
Catheter

Product Specifications

Series	Catalogue No.	Catheter I.D.	Catheter O.D.	Effective Length	Tip Shape
5F	TJIC58-105	0.058"	5.3F 1.76mm	105cm	Straight
	TJIC58-105-P				Pre-shaping
	TJIC58-115			115cm	Straight
	TJIC58-115-P				Pre-shaping
	TJIC58-125			125cm	Straight
	TJIC58-125-P				Pre-shaping
	TJIC58-130			130cm	Straight
6F	TJIC58-130-P				Pre-shaping
	TJIC72-095	0.072"	6.3F 2.10mm	95cm	Straight
	TJIC72-095-P				Pre-shaping
	TJIC72-105			105cm	Straight
	TJIC72-105-P				Pre-shaping
	TJIC72-115			115cm	Straight
	TJIC72-115-P				Pre-shaping
	TJIC72-125			125cm	Straight
	TJIC72-125-P				Pre-shaping
	TJIC72-130			130cm	Straight
	TJIC72-130-P				Pre-shaping

Note: The inner diameter of the 5F series is 0.058", and the length range is 105-130cm. The 6F series has an inner diameter of 0.072" and a length range of 95-130cm. More specifications and models are available for selection.