



2015

Catalogue of Products

Interventional Cardiology

Endovascular Intervention

 **TERUMO**[®]

Product Catalogue



Terumo is a Japanese company appreciated worldwide for frequent innovations and the outstanding quality of its systems. The wide range of quality products for angiography, cardiology and cardiovascular systems, transfusion, clinical test systems and patient monitoring, complies with the highest standards in the medical world. Since its founding in Tokyo in 1921, **Terumo** has been constantly contributing to the healthcare of people in the world.

Terumo Europe **Interventional Systems**

is dedicated to helping patients suffering from coronary and vascular diseases. Pioneering the development of hydrophilic coating technology for high performance medical devices for minimally invasive therapies, **Terumo** offers physicians a wide range of products for interventional procedures including stents, balloon angioplasty catheters, diagnostic catheters, microcatheters, guidewires and accessories.

With the leading edge access and delivery systems from **Terumo**, interventional radiologists and cardiologists can perform interventional procedures in a safer, faster and more comfortable way than ever.



Terumo ist ein japanisches Unternehmen, das sich mit seinen Innovationen und der herausragenden Qualität seiner Systeme einen Namen gemacht hat. Das umfassende Portfolio an Qualitätsprodukten für Angiographie, Kardiologie und kardiovaskuläre Systeme, Transfusion, klinische Testsysteme sowie Patientenüberwachung entspricht den höchsten Standards der gesamten medizinischen Welt. Seit seiner Gründung im Jahr 1921 in Tokio hat **Terumo** einen wichtigen Anteil an der medizinischen Versorgung von Menschen in aller Welt.

Terumo Europe **Interventional Systems**

befasst sich mit Therapien für Patienten mit koronaren und vaskulären Erkrankungen.

Terumo war Vorreiter in der Entwicklung hydrophiler Konzepte mit leistungsstarken Medizinprodukten für minimal-invasive Therapien und bietet Ärzten eine breite Palette an Produkten für interventionelle Prozeduren, darunter Stents, Ballonangioplastiekatheter, Mikrokatheter, Führungsdrähte und Zübelhör.

Die bahnbrechenden Zugangs- und Applikationssysteme von **Terumo** versetzen interventionelle Radiologen und Kardiologen in die Lage, interventionelle Prozeduren sicherer, schneller und bequemer als jemals zuvor durchzuführen.



Depuis sa création en 1921, le groupe japonais **Terumo** contribue activement, par la qualité et l'innovation de ses produits, à la santé des personnes dans le monde entier. En Europe, **Terumo** propose une vaste gamme de dispositifs et matériels médicaux pour l'angiographie, la cardiologie interventionnelle et la chirurgie cardio-vasculaire d'une part, pour la transfusion, les tests biologiques et cliniques et la surveillance des patients d'autres part.

Terumo Europe **Interventional Systems**

développe et commercialise des dispositifs médicaux aux performances exceptionnelles pour le diagnostic et le traitement des pathologies cardiovasculaires par voie mini-invasive.

Pionnier et expert de l'hydrophilie, **Terumo Europe** propose une vaste gamme de produits diagnostiques et interventionnels (guides, cathéters diagnostiques, micro-cathéters, cathéters de dilatation, stents, microsphères d'embolisation...) permettant aux praticiens d'effectuer leur procédures en toute sécurité.



Terumo es una compañía japonesa, reconocida en todo el mundo por sus frecuentes innovaciones y la sobresaliente calidad de sus sistemas. La amplia gama de productos de calidad para angiografía, cardiología y sistemas cardiovascular, transfusión, sistemas de análisis clínicos y monitorización de pacientes, satisface las normas más rigurosas del mundo de la medicina. Desde su fundación en Tokyo, en 1921, **Terumo** ha contribuido constantemente a la atención médica de las personas del mundo entero.

Terumo Europe **Interventional Systems**

está dedicada a ayudar a los pacientes que padecen enfermedades coronarias y vasculares. Pioneros en el desarrollo del concepto hidrofílico para dispositivos médicos de alto rendimiento en terapias mínimamente invasivas, **Terumo** ofrece a los médicos una amplia gama de productos para intervenciones tales como endoprótesis (stents), catéteres de balón para angioplastia, catéteres diagnósticos, microcatheteres, guías y accesorios.

Con los avanzados dispositivos de acceso y sistemas de administración, **Terumo**, los profesionales intervencionistas pueden realizar sus intervenciones de manera más segura, rápida y cómoda que nunca.

Interventional Cardiology

Access & Diagnostics

- **Introducer Sheath:**
 - Radifocus® Introducer II Standard Kit
 - Radifocus® Introducer II Transcatal Kit
 - Radifocus® Introducer II Pediatric Kit
 - Radifocus® Introducer II Sheath Accessories
 - Gilthead® Slender™
- **Angiographic Catheter:**
 - Radifocus® Optitorque® Catheter
 - Outlook™ Catheter
- **Radial Artery Compression Device:**
 - TR Band™
- **Accessories:**
 - Radifocus® Torque Device
 - Radifocus® Hemostatic Valve
- **Balloon expandable transfemoral access system**
 - SoloPath™

Imaging Products

- **Console:**
 - Lunawave®
- **Catheter:**
 - FastView®

Renal Denervation System (RDS)

- **Console & Catheter:**
 - Iberis®

PCI

- **PTCA Guiding Catheter:**
 - Heartcall II
 - Climber®
- **PTCA Guidewire:**
 - Runthrough® NS
 - Crosswire® / Crosswire® NT
- **PTCA Balloon Catheter:**
 - Ryujin™ Plus
 - Ryujin™ Plus OTW
 - Razina®
 - Hiryu®
 - Accuforce®
- **Aspiration Catheter:**
 - Eliminate™
- **Coronary Micro-Guide Catheter:**
 - Finecross® MG

Stents

- **Drug Eluting Stent:**
 - Nobori®
 - Ultimaster®
- **Bare Metal Stent:**
 - Kaname®
 - Tsunami® Gold

Endovascular Intervention

Embolotherapy

- **Micro Guidewires:**
 - Radifocus® Guidewire GT with gold coil
- **Microcatheters:**
 - Progreat®
- **Microspheres:**
 - Lifepart®
- **Embolisation Coils:**
 - AZUP® Framing coil
 - AZUP® Peripheral HydroCoil®
 - AZUP® CX
- **Ablation system:**
 - MicroThermX®

Peripheral Intervention

- **Guiding Sheaths:**
 - Destination®
- **PTA Guidewires:**
 - Radifocus® Guidewire® Advantage™
 - Crosswire® / Crosswire® NT
 - Muse® Wire
- **PTA Dilatation Catheter:**
 - RX Muso®
 - Sentri®
 - Reima®
 - Tercross®
- **Peripheral Stents:**
 - Tsunami® Peripheral
 - Misago®
- **Support Catheter:**
 - Navicross®
- **Aspiration Catheter:**
 - Eliminate™
- **Carotid Artery Stent:**
 - Roadsaver®

Angiography

- **Guidewires:**
 - Radifocus® Guidewire M Standard type
 - Radifocus® Guidewire M Stiff type
 - Radifocus® Guidewire M with Radiopaque Tip Marker
 - Radifocus® Guidewire M Shapeable
 - Radifocus® Guidewire M Non-Vascular
 - Radifocus® Guidewire GT with gold coil
- **Introducer Sheaths:**
 - Radifocus® Introducer II Standard Kit
 - Radifocus® Introducer II Pediatric Kit
 - Radifocus® Introducer II Pediatric Kit
 - Radifocus® Introducer II Sheath Accessories
- **Angiographic Catheter:**
 - Standard catheter
 - Radifocus® Angiographic Catheter
 - Radifocus® Optitorque® Catheter
 - Outlook™ Catheter
 - Hydrophilic catheter
 - Radifocus® glidecath®
- **Radial Artery Compression Device:**
 - TR Band™
- **Accessories:**
 - Radifocus® Torque Device
 - Radifocus® Hemostatic Valve

Radifocus® Introducer II Standard Hit

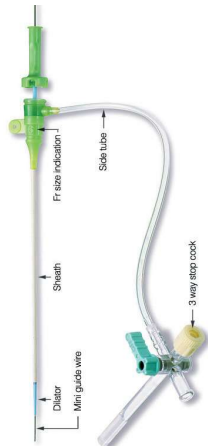
Introducer Sheath



Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

Product Characteristics

- Unique Terumo cross-cut valve maintains uncompromised hemostasis to avoid bleeding and air aspiration
- Smooth sheath-to-dilator transition and optimally tapered dilator enable to reduce penetration resistance
- Extremely thin radiopaque wall with anti-kinking sleeve for excellent catheter handling
- Snap-on/Click-off dilator to prevent dilator back-out during insertion and to allow one hand unlocking



Available Kits

- **A Kit** contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle)
- **B Kit** contains sheath, dilator, plastic or spring mini guidewire
- **C Kit** contains sheath and dilator
- **R Kit** contains sheath, dilator, spring mini guidewire and metallic entry needle



General Specifications

Sheath length	10 cm
Mini guidewire	Plastic Straight and Angled 0.025" (0.64 mm) for 4 Fr, 0.035" (0.89 mm) for all others 45 cm
Entry needle	Plastic IV Catheter - 1/8" x 2 1/2" (1.2 x 64 mm) except for 4 Fr: 2/16" x 2" (0.9 x 51 mm). 2.5 ml syringe is included
Guidewire compatibility	0.025" (0.64 mm) for 4 Fr 0.035" (0.89 mm) for all others
Packaging	Tray



General Specifications

Sheath length	10 cm and 25 cm
Mini guidewire	Plastic Straight and Angled 0.025" (0.64 mm) or 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others 45 cm for 10 cm sheath and 80 cm for 25 cm sheath
Guidewire compatibility	0.025" (0.64 mm) or 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Tray

Item Specifications

Inner diameter	Mini guidewire type	
	45 cm angled	45 cm straight
4 Fr	RS-A40K10A0 RS-A40K10S0	RS-A40G10S0
5 Fr	RS-A50K10A0 RS-A50K10S0	RS-A50G10S0
6 Fr	RS-A60K10A0 RS-A60K10S0	RS-A60G10S0
7 Fr	RS-A70K10A0 RS-A70K10S0	RS-A70G10S0
8 Fr	RS-A80K10A0 RS-A80K10S0	RS-A80G10S0
9 Fr	RS-A90K10A0 RS-A90K10S0	RS-A90G10S0
10 Fr	RS-A10K10A0 RS-A10K10S0	RS-A10G10S0
11 Fr	RS-A11K10A0 RS-A11K10S0	RS-A11G10S0

Please quote above item reference codes when placing an order

Item Specifications

Inner diameter	Guidewire compatibility	Sheath length 10 cm		Sheath length 25 cm	
		45 cm angled	45 cm straight	80 cm angled	80 cm straight
4 Fr	0.025" (0.64 mm) 0.035" (0.89 mm)	RS-B40K10A0 RS-B40K10S0	RS-B40G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
5 Fr	0.038" (0.97 mm)	RS-B50K10A0 RS-B50K10S0	RS-B50G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
6 Fr	0.038" (0.97 mm)	RS-B60K10A0 RS-B60K10S0	RS-B60G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
7 Fr	0.038" (0.97 mm)	RS-B70K10A0 RS-B70K10S0	RS-B70G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
8 Fr	0.038" (0.97 mm)	RS-B80K10A0 RS-B80K10S0	RS-B80G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
9 Fr	0.038" (0.97 mm)	RS-B90K10A0 RS-B90K10S0	RS-B90G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
10 Fr	0.038" (0.97 mm)	RS-B10K10A0 RS-B10K10S0	RS-B10G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0
11 Fr	0.038" (0.97 mm)	RS-B11K10A0 RS-B11K10S0	RS-B11G10S0	RS-B80K25A0 RS-B80K25S0	RS-B80G25S0

Please quote above item reference codes when placing an order



2nd Type in tray with spring mini guidewire

General Specifications

Sheath length	10 cm
Mini guidewire	Spring, J-type 0.035" (0.89 mm) and 0.038" (0.97 mm) 45 cm
Guidewire compatibility	0.035" (0.89 mm) or 0.038" (0.97 mm)
Packaging	Tray

Item Specifications

Inner diameter	Guidewire compatibility	Item reference
4 Fr	0.035" (0.89 mm)	RS-B40K10MR
5 Fr	0.038" (0.97 mm)	RS-B50N10MR
6 Fr	—	RS-B60N10MR
7 Fr	RS-B70K10MR	RS-B70N10MR
8 Fr	RS-B80K10MR	RS-B80N10MR
9 Fr	RS-B90K10MR	RS-B90N10MR
10 Fr	RS-B10K10MR	RS-B10N10MR
11 Fr	RS-B11K10MR	RS-B11N10MR

Please quote above item reference codes when placing an order



General Specifications

Sheath length	10 cm and 25 cm
Guidewire compatibility	0.025" (0.64 mm), 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Pouch

Item Specifications

Inner diameter	Guidewire compatibility	Sheath length	Item reference
4 Fr	0.025" (0.64 mm)	10 cm	RS-B40K10MR
4 Fr	0.035" (0.89 mm)	25 cm	RS-B40K25MR
5 Fr	0.038" (0.97 mm)	—	RS-B50N10MR
6 Fr	0.038" (0.97 mm)	—	RS-B60N10MR
7 Fr	0.038" (0.97 mm)	—	RS-B70N10MR
8 Fr	0.038" (0.97 mm)	—	RS-B80N10MR
9 Fr	0.038" (0.97 mm)	—	RS-B90N10MR
10 Fr	0.038" (0.97 mm)	—	RS-B10N10MR
11 Fr	0.038" (0.97 mm)	—	RS-B11N10MR

Please quote above item reference codes when placing an order

3rd Type in pouch with spring mini guidewire

General Specifications

Sheath length	10 cm
Mini guidewire	Spring, J Angled 0.035" (0.89 mm) for all items
Guidewire compatibility	0.035" (0.89 mm) for 4Fr items 0.038" (0.97 mm) for all other items
Packaging	Pouch

Item Specifications

Inner diameter	Item reference
4 Fr	RS-B40K10MR
5 Fr	RS-B50N10MR
6 Fr	RS-B60N10MR
7 Fr	RS-B70N10MR
8 Fr	RS-B80N10MR
9 Fr	RS-B90N10MR
10 Fr	RS-B10N10MR
11 Fr	RS-B11N10MR

Please quote above item reference codes when placing an order



General Specifications

Sheath length	10 cm
Mini guidewire	Spring, J-type 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others 45 cm
Entry needle	Metallic entry needle - 18G x 2 3/4" (1.2 x 70 mm)
Guidewire compatibility	0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Tray

Item Specifications

Inner diameter	Item reference
4 Fr	RS-B40K10MR
5 Fr	RS-B50N10MR
6 Fr	RS-B60N10MR
7 Fr	RS-B70N10MR
8 Fr	RS-B80N10MR
9 Fr	RS-B90N10MR

Please quote above item reference codes when placing an order

Radifocus® Introducer II Transradial Kit

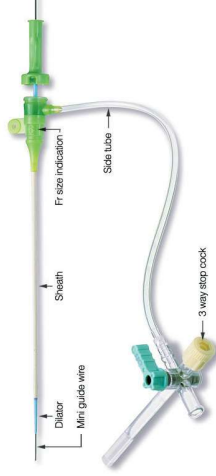
Introducer Sheath

Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure. Being a pioneer and a leader in vascular access, Terumo's goal is to offer complete solution for transradial interventions with devices that minimize patient stress and optimize the transradial procedure.

With technology including superior coating and downsizing, Terumo continues to set new standards in transradial interventions.

Product Characteristics

- Dilator is tapered to each guidewire to minimize vessel trauma
- Unique Terumo cross-cut valve maintains uncompromised hemostasis to avoid bleeding and air aspiration
- Smooth sheath-to-dilator transition and optimally tapered dilator enable to reduce penetration resistance
- Extremely thin radiopaque wall with anti-kinking sleeve for excellent catheter handling
- Snap-on/Click-off dilator to prevent dilator back-out during insertion and to allow one hand unlocking



Racifocus® Introducer II special transradial tapered Introducer Kit

- Dilator internal tip diameter equals to mini guidewire external diameter
- Micro puncture metallic entry needle with short bevel (22G/21G/20G) equals to mini guidewire to minimize puncture site complications

Available kits

R Kit contains sheath, dilator, spring mini guidewire and metallic entry needle.

General Specifications

Sheath length	7 cm and 10 cm
Mini guidewire	Spring, Straight 0.018" (0.46 mm), 0.021" (0.53 mm) and 0.025" (0.64 mm) 45 cm
Entry needle	Metallic entry needle - 22G x 1 1/2" (0.7 x 38 mm), 21G x 1 1/2" (0.8 x 38 mm), 20G x 1 1/2" (0.9 x 38 mm)
Guidewire compatibility	0.018" (0.46 mm), 0.021" (0.53 mm) and 0.025" (0.64 mm)
Packaging	Tray

Item Specifications

Inner diameter	Sheath length 7 cm		Sheath length 10 cm	
	0.018" (0.46 mm)	0.025" (0.64 mm)	0.018" (0.46 mm)	0.025" (0.64 mm)
4 Fr	RF-R40A07PO	RF-R40G07PO	RF-R40A10PO	RF-R40G10PO
5 Fr	RF-R50A07PO	RF-R50G07PO	RF-R50A10PO	RF-R50G10PO
6 Fr	RF-R60A07PO	RF-R60G07PO	RF-R60A10PO	RF-R60G10PO
7 Fr	—	—	RF-R70D10PO	—

Solution Nr. 2

Radifocus® Introducer II M Coat™, Introducer Kit with hydrophilic M Coating

- Dilator internal tip diameter equals to mini guidewire external diameter
- Retrieving the M Coat™ sheath requires only half the force compared to conventional uncoated sheaths

Available Kits

- **M Coat™ A Kit** contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle)
- **M Coat™ R Kit** contains sheath, dilator, spring mini guidewire and metallic entry needle

M Coat™ A Kit

General Specifications

Sheath length	10 cm, 16 cm and 25 cm		
Sheath coating	Hydrophilic M Coat™		
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm for 10 cm sheath and 80 cm for 16 cm and 25 cm sheath		
Entry needle	Plastic IV Catheter - 20G x 1 1/4" (0.9 x 32 mm), 2.5 ml syringe is included		
Guidewire compatibility	0.025" (0.64 mm)		
Packaging	Tray		

Item Specifications

Inner diameter	Sheath length		
	10 cm	16 cm	25 cm
5 Fr	RM*AFSL10SDW	RM*AFSL16SDW	RM*AFSL25SDW
6 Fr	RM*AFSL10SDW	RM*AFSL16SDW	RM*AFSL25SDW

Please quote above item reference codes when placing an order

M Coat™ R Kit

General Specifications

Sheath length	10 cm, 16 cm and 25 cm	
Sheath coating	Hydrophilic M Coat™	
Mini guidewire	Spring Straight 0.021" (0.53 mm) and 0.025" (0.64 mm) 45 cm for 10 cm sheath, 80 cm for 16 cm and 25 cm sheath	
Entry needle	Metallic entry needle 21G x 1.25 (0.9 x 36 mm) 20G x 1.25 (0.9 x 36 mm)	
Guidewire compatibility	0.021" (0.53 mm) and 0.025" (0.64 mm)	
Packaging	Tray	

Item Specifications

Inner diameter	Sheath length		
	10 cm	16 cm	25 cm
5 Fr	RM*REF10PO	RM*REF16PO	RM*REF25PO
5 Fr	RM*RES10PO	RM*RES16PO	RM*RES25PO
6 Fr	RM*REF10PO	RM*REF16PO	RM*REF25PO
6 Fr	RM*RES10PO	RM*RES16PO	RM*RES25PO

Please quote above item reference codes when placing an order

RS30/GB1114MCH

RS30/GB1114MCH

Radifocus® Introducer II Pediatric Kit

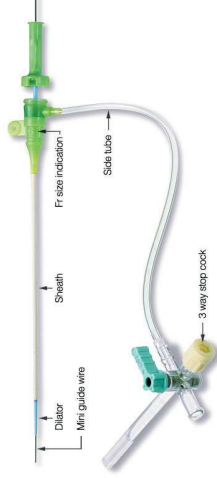
Introducer Sheath



Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

Product Characteristics

- **Unique Terumo cross-cut valve maintains uncompromised hemostasis to avoid bleeding and air aspiration**
- **Smooth sheath-to-dilator transition and optimally tapered dilator enable to reduce penetration resistance**
- **Extremely thin radiopaque wall with anti-kinking sleeve for excellent catheter handling**
- **Snap-on/Click-off dilator to prevent dilator back-out during insertion and to allow one hand unlocking**
- **Nitinol super elastic mini guidewire enables smooth insertion and removal**



Available Kits

- **A Kit** contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle)
- **B Kit** contains sheath, dilator and plastic mini guidewire

A Kit

General Specifications

Sheath length	5 cm and 7 cm	
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm	
Guidewire compatibility	0.025" (0.64 mm)	
Entry needle	Plastic IV catheter - 20G x 2" (0.9 x 51 mm), 2.5 ml syringe is included	
Packaging	Tray	

B Kit

General Specifications

Sheath length	7 cm	
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm	
Guidewire compatibility	0.025" (0.64 mm)	
Packaging	Tray	

Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	5 cm	RS+H40G0750
5 Fr	—	RS+H40G0750
5 Fr	RS+H50G0550	RS+H50G0750
6 Fr	RS+H60G0550	RS+H60G0750

Please quote above item reference codes when placing an order

Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	7 cm	RS+H40G0750
5 Fr	7 cm	RS+H50G0750
6 Fr	7 cm	RS+H60G0750

Please quote above item reference codes when placing an order

RS30/GB1114MCH

RS30/GB1114MCH

Radifocus® Obturator

Introducer Sheath

An obturator supports the wall of the indwelling introducer sheath without a catheter in place.



Product Characteristics

- Hub with connection system to the sheath's hub
- High flexibility and kink-resistance

- Prevents clotting reaction inside the sheath
- Made of polypropylene with a rounded tip

Item Specifications

Compatible Introducer Sheath Size	Length	
	10 cm	25 cm
4 Fr	XX*RF050410M	—
5 Fr	XX*RF050510M	XX*RF050525M
6 Fr	XX*RF050610M	XX*RF050625M
7 Fr	XX*RF050710M	XX*RF050725M
8 Fr	XX*RF050810M	XX*RF050825M
9 Fr	XX*RF050910M	—

Please quote above item reference codes when placing an order

Radifocus® Vessel Dilator

Introducer Sheath

A vessel dilator facilitates the pre-dilatation of puncture site.

Item Specifications

Outer diameter	Length	Guidewire compatibility	
		0.035" (0.89 mm)	0.038" (0.97 mm)
4 Fr	15.5 cm	RF*VD06K10M	—
5 Fr	15.5 cm	RF*VD06K10M	RF*VD06010M
6 Fr	15.5 cm	RF*VD06K10M	RF*VD06010M
7 Fr	15.5 cm	RF*VD07K10M	RF*VD07010M
8 Fr	15.5 cm	RF*VD08K10M	RF*VD08010M
9 Fr	15.5 cm	RF*VD08K10M	RF*VD08010M
10 Fr	15.5 cm	RF*VD10K10M	—
11 Fr	15.5 cm	RF*VD11K10M	—

Please quote above item reference codes when placing an order



Glidesheath Slender®

Transradial Introducer Kit



Glidesheath Slender offers the smallest option for procedures requiring 5, 6, and 7 Fr sheaths¹. The proprietary thin-wall technology reduces the outside diameter of the introducer sheath by 1Fr while maintaining a larger inner-diameter equivalent. Glidesheath Slender is designed for the ideal transradial procedure: it reduces the risk of radial artery damage and helps to decrease time and cost for upsizing in ad-hoc procedures.



Product Characteristics

- Ultra-thin wall leading to a 1Fr reduction in outer diameter.
- A smaller diameter sheath reduces the arteriotomy size, to enhance post-procedure hemostasis².
- Easy insertion and removal with proprietary Terumo M Coat hydrophilic coating.
- Designed to minimise mechanical irritation to the artery.
- Less penetration resistance than conventional sheaths³.

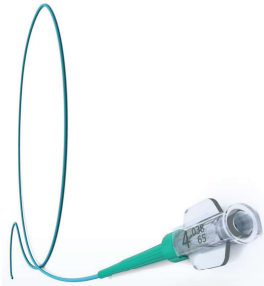
Item Specifications

Glidesheath Slender 5 Fr			
Sheath length	Entry needle	Mini guidewire	Reference Code
10 cm	Plastic IV catheter	20 G (0.9 mm) x 51 mm	RM-ESSJ10SQ
		20 G (0.9 mm) x 51 mm	RM-ESSJ10PQ
		22 G (0.7 mm) x 32 mm	RM-ESSF10SOR
	Metallic entry needle	20 G (0.9 mm) x 51 mm	RM-RSSJ10PQ
		22 G (0.7 mm) x 32 mm	RM-RSSF10PQ
		20 G (0.9 mm) x 35 mm	RM-RSSC10PQ
16 cm	Plastic IV catheter	20 G (0.9 mm) x 51 mm	RM-ESSJ16SQ
		20 G (0.9 mm) x 51 mm	RM-ESSJ16PQ
		Plastic sheathangle 0.025" (0.64mm) x 80cm	RM-ESSJ16HDS
	Metallic entry needle	22 G (0.7 mm) x 32 mm	RM-ESSF16SOR
		20 G (0.9 mm) x 51 mm	RM-RSSJ16PQ
		20 G (0.9 mm) x 35 mm	RM-RSSF16PQ

Please quote above item reference codes when placing an order

800VSI908055/05631

(1) Saito, S. et al. Influence of the ratio between radial artery inner diameter and sheath outer diameter on radial artery flow after transradial coronary intervention. Cath Cardio Inter. 1999;4(2):175-178.
 (2) Itoh, S., Berndt, L., Brennan, O. Remaining challenges and opportunities for improvement in percutaneous transradial coronary procedures. Euro Heart J. 2013;34(20):2521-2526.
 (3) Saito, S., Tanaka, S., Hinoe, Y. et al. Usefulness of hydrophilic coating on external sheath introducer in transradial coronary intervention. Cath Cardio Inter. 2005;5(3):328-332.



Radifocus® Optitorque®

Angiographic catheter



Radifocus Optitorque is a diagnostic catheter intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site.

Radifocus® Optitorque®, a complete line of coronary diagnostic catheters with optimum torque control and precise placement for flowless angiographic procedures.

Product Characteristics

- Terumo double braided stainless steel mesh technology provides optimal torque control, increased pushability and enhanced catheter stability
- The catheter ultra thin wall creates large lumen ensuring high flow of the contrast media for improved quality of the angio-graphic result and reduced injection time
- Soft atraumatic tip minimizes risk of vessel wall damage
- The unique Tiger and BLK curves enable angiography of right and left coronary arteries using either radial or brachial approach.
- The single catheter concept provides both procedural and cost efficiencies

General Specifications

Pressure limit	4 Fr (1.40 mm) – 750 psi / 5Fr (1.70 mm) and 6 Fr (2.00 mm) – 1000 psi 0.038" (0.97 mm)		
Guidewire compatibility	4 Fr / 1.40 mm 5 Fr / 1.70 mm 6 Fr / 2.00 mm		
Outer diameter of the shaft (Fr/mm)	4 Fr / 1.40 mm 0.041" / 1.03 mm		
Inner diameter of the shaft (inches / mm)	0.047" / 1.20 mm 0.051" / 1.30 mm		

Item Specifications

Shape name	Tip shape	Shape code	Side holes	Length	Item code by size
Amplatz Left		AL-1	0	100 cm	5Fr / 1.70 mm 6Fr / 2.00 mm
		AL-2	0	100 cm	RH-5AL1000M RH-6AL1000M
		AL-3	0	100 cm	RH-5AL2000M RH-6AL2000M
Amplatz Right		AR-1	0	100 cm	RH-5AR1000M RH-6AR1000M
		AR-2	0	100 cm	RH-5AR2000M RH-6AR2000M
		AR-3	0	100 cm	RH-5AR3000M RH-6AR3000M
Jenkins Left		MoNTR	0	100 cm	RH-5AR1000M RH-5AR2000M
		JL-3.5	0	100 cm	RH-5AR3000M RH-5AR4000M
		JL-4.0	0	100 cm	RH-5AR5000M RH-5AR6000M
Jenkins Right		JL-5.0	0	100 cm	RH-5AR7000M RH-5AR8000M
		JL-6.0	0	100 cm	RH-5AR9000M RH-5AR1000M
		JR-3.5	2	110 cm	RH-5CR3500M RH-5CR4500M
Multipurpose		JR-3.5	2	100 cm	RH-5CR5500M RH-5CR6500M
		JR-4.0	2	100 cm	RH-5CR7500M RH-5CR8500M
		JR-5.0	2	100 cm	RH-5CR9500M RH-5CR1000M
Straight		MP-2.5	2	100 cm	RH-5MP2500M RH-5MP3500M
		MP-3.0	2	100 cm	RH-5MP4500M RH-5MP5500M
		MP-3.5	2	100 cm	RH-5MP6500M RH-5MP7500M
Internal Mammary		MP-4.0	2	110 cm	RH-5MP8500M RH-5MP9500M
		MP-4.0	0	110 cm	RH-5MP1000M RH-5MP1100M
		ST	6	65 cm	RH-AST0160M RH-AST0190M
Internal Mammary		IM	0	100 cm	RH-5BPN000M RH-5BPN1000M
		IM-Short tip	0	100 cm	RH-5BPN200M RH-5BPN300M
		IM-JIP type	0	100 cm	RH-5BPN400M RH-5BPN500M

Please quote above item reference codes when placing an order

Gildsheath Slender 6 Fr					
Sheath length	Entry needle	Mini guidewire	Reference Code		
10 cm	Plastic IV catheter	20G (0.9mm) x 51mm	Plastic 0.025" (0.64mm) x 45cm	RM'ESGJ10S0	
		20G (0.9mm) x 51mm	Spring 0.025" (0.64mm) x 45cm	RM'ESGJ10P0	
		20G (0.9mm) x 32mm	Plastic shortangle 0.025" (0.64mm) x 45cm	Available soon	
		22G (0.7mm) x 32mm	Plastic 0.021" (0.53mm) x 45cm	RM'ESF10S0R	
		22G (0.7mm) x 25mm	Plastic shortangle 0.021" (0.53mm) x 45cm	Available soon	
	16 cm	Metallic entry needle	22G (0.7mm) x 25mm	Plastic 0.021" (0.53mm) x 45cm	Available soon
			20G (0.9mm) x 35mm	Spring 0.025" (0.64mm) x 45cm	RM'RSSJ10P0
			21G (0.8mm) x 35mm	Spring 0.021" (0.53mm) x 45cm	RM'RSSF10P0
			22G (0.7mm) x 35mm	Spring 0.018" (0.46mm) x 45cm	Available soon
			20G (0.9mm) x 51mm	Plastic 0.025" (0.64mm) x 80cm	RM'ESGJ16S0
16 cm	Plastic IV catheter	20G (0.9mm) x 51mm	Spring 0.025" (0.64mm) x 80cm	RM'ESGJ16P0	
		20G (0.9mm) x 32mm	Plastic shortangle 0.025" (0.64mm) x 80cm	Available soon	
		22G (0.7mm) x 32mm	Plastic 0.021" (0.53mm) x 80cm	RM'ESF16S0R	
		22G (0.7mm) x 25mm	Plastic shortangle 0.021" (0.53mm) x 80cm	Available soon	
		20G (0.9mm) x 35mm	Spring 0.025" (0.64mm) x 80cm	RM'RSSJ16P0	
	Metallic entry needle	21G (0.8mm) x 35mm	Spring 0.021" (0.53mm) x 80cm	RM'RSSF16P0	
		22G (0.7mm) x 32mm	Plastic shortangle 0.021" (0.53mm) x 80cm	Available soon	
		22G (0.7mm) x 25mm	Plastic 0.021" (0.53mm) x 80cm	Available soon	
		22G (0.7mm) x 25mm	Plastic shortangle 0.021" (0.53mm) x 80cm	Available soon	
		20G (0.9mm) x 35mm	Spring 0.025" (0.64mm) x 80cm	RM'RSSJ16P0	

Please quote above item reference codes when placing an order

Gildsheath Slender 7 Fr				
Sheath length	Entry needle	Mini guidewire	Reference Code	
10 cm	Plastic IV catheter	20G (0.9mm) x 51mm	Plastic 0.025" (0.64mm) x 45cm	RM'ESJ10S0
		20G (0.9mm) x 51mm	Spring 0.025" (0.64mm) x 45cm	RM'ESJ10P0
		22G (0.7mm) x 32mm	Plastic 0.021" (0.53mm) x 45cm	RM'ESF10S0R
		20G (0.9mm) x 35mm	Spring 0.025" (0.64mm) x 45cm	RM'RSJ10P0
		21G (0.8mm) x 35mm	Spring 0.021" (0.53mm) x 45cm	RM'RSF10P0
	Metallic entry needle	20G (0.9mm) x 51mm	Plastic 0.025" (0.64mm) x 80cm	RM'ESJ16S0
		20G (0.9mm) x 51mm	Spring 0.025" (0.64mm) x 80cm	RM'ESJ16P0
		20G (0.9mm) x 32mm	Plastic shortangle 0.025" (0.64mm) x 80cm	RM'ESJ16S0S
		22G (0.7mm) x 32mm	Plastic 0.021" (0.53mm) x 80cm	RM'ESF16S0R
		20G (0.9mm) x 35mm	Spring 0.025" (0.64mm) x 80cm	RM'RSSJ16P0
Metallic entry needle	21G (0.8mm) x 35mm	Spring 0.021" (0.53mm) x 80cm	RM'RSSF16P0	
	22G (0.7mm) x 32mm	Plastic shortangle 0.025" (0.64mm) x 80cm	Available soon	
	22G (0.7mm) x 25mm	Plastic 0.021" (0.53mm) x 80cm	Available soon	
	20G (0.9mm) x 35mm	Spring 0.025" (0.64mm) x 80cm	RM'RSSJ16P0	
	21G (0.8mm) x 35mm	Spring 0.021" (0.53mm) x 80cm	RM'RSSF16P0	

Please quote above item reference codes when placing an order

Flush catheters

Shape name	Tip shape	Length	Side holes	Item code by size	
				4 Fr / 1,40 mm	5 Fr / 1,70 mm
Straight Pigtail Flush		65 cm	6	RH-4SP008GM	RH-5SP06GM
Straight Pigtail Flush		80 cm	6	RH-4SP008GM	-
Straight Flush		65 cm	6	RH-4ST016GM	-
Straight Flush		110 cm	6	RH-4ST016GM	-

Please quote above item reference codes when placing an order. Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

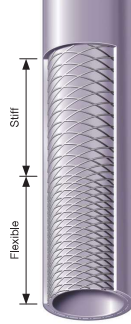
OUTLOOK™

Angiographic Catheter

Outlook is a diagnostic catheter intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site. The dedicated 4 Fr (1,40 mm) Outlook™ catheter facilitates excellent performance and allows you to downsize without sacrificing angiographic outcomes.

Product Characteristics

- Unique braiding with gradual density combined with stiffer, more durable catheter material result in superior pushability, kink-resistant and enhanced stability
- Excellent shape memory ensures stable positioning of the catheter during the injections
- The ultra thin wall structure permits smaller outer and larger inner diameter enabling flow rates up to 15 ml/sec and maximum pressure limit of 1200 psi (8,274 kPa)



Item Specifications

Visceral shapes

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Cobra Middle		80 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-4BS4108M

Cerebral shapes

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Simmons / Sidewinder 1		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BR4110M
Simmons / Sidewinder 2		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BR24110M
Vertebral		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BR14110M
Vertebral Modified		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH44110M

Flush catheters

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Straight pigtail		65 cm	8	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-4SP008GM
Straight pigtail		90 cm	8	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-4SP008GM

Bolia mini-cath

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Mini-Cath Standard		20 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BR94102M
Mini-Cath Standard		30 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BR94103M
Mini-Cath 60 degree angle		20 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH44102M

Please quote above item reference codes when placing an order. Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.





TR Band™ is a compression device to assist hemostasis of the radial artery after transradial procedures. With complete visual control and precise guided compression, TR Band™ assists in maintaining radial artery patency at the time of hemostasis, to prevent future radial artery occlusion.



Product Characteristics

- Selective compression of the radial artery to ensure blood return
- Transparent structure to allow visual control of the puncture side
- Precise compression of the radial artery for patent hemostasis without compromising nerve structure
- Two band lengths available for precise fit and optimal patient comfort

Item Specifications

Size	Item Reference
Standard size - 24 cm	XX*RF06
Large size - 29 cm	XX*RF08L

Please quote above item reference code when placing an order

Radifocus® Torque Device

Accessories



The Radifocus Torque Device is a supportive device that is intended mainly for use when guiding a disposable guidewire, which is used for percutaneous angiography and treatment under fluoroscopy, to the objective site.

Product Characteristics

- Torque device compatible with guidewires 0.010" (0.25 mm) to 0.038" (0.97 mm)

Item Reference

XX*RF02M

Please quote above item reference codes when placing an order

Radifocus® Hemostatic Valve

Accessories



A hemostasis valve prevents blood reflux when a catheter is inserted in a vessel for angiographic or other purposes.

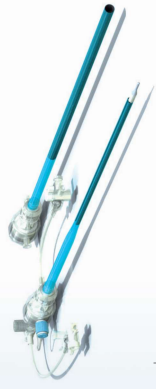
Product Characteristics

- Cross-cut valve
- Compatible up to 7 Fr catheter
- With side tube and 3-Way Stopcock

Item Reference

RF*VA713M

Please quote above item reference codes when placing an order



SoloPath™

Balloon Expandable Transfemoral Access System

The only balloon expandable femoral access system designed for low profile, large bore vessel access.

Large bore access is necessary during procedures such as transcatheter aortic valve replacement, balloon aortic valvuloplasty and endovascular aneurysm repair.



Product Characteristics

Radial expansion

- Non-compliant radial expansion utilizes tissue and vessel elasticity
- Eliminates the use of tapered dilators
- Passive collapse of the shaft during withdrawal reduces the potential for vessel avulsion

Smallest insertion profile in its class

- Hydrophilic coating minimizes force of resistance to insertion and withdrawal
- Small insertion profile minimizes axial force and vessel trauma associated with insertion

Malleable design

- Enables precise trackability over a guidewire
- Facilitates delivery through difficult anatomy
- Micro to macro with inflation provides enhanced manoeuvrability

SoloPath™ RE-COLLAPSIBLE

Introducing the first and only femoral access sheath for large-bore access that lets you:

- Insert at a low profile
- Expand to a predictable operating profile
- Collapse and remove at a low profile

Smallest Insertion Profile



Large Operating Profile



Smallest Withdrawal Profile



Item Specifications

Model number	Insertion profile O.D.	Expanded sheath O.D.	Expanded sheath I.D.	Working length	Expandable length	Tip outer diameter
STF-1425	11.5 Fr / 3.83 mm	17 Fr / 5.67 mm	14 Fr / 4.67 mm	25 cm	20 cm	5.3 Fr
STF-1435	11.5 Fr / 3.83 mm	17 Fr / 5.67 mm	14 Fr / 4.67 mm	35 cm	30 cm	5.3 Fr
STF-1625	15 Fr / 5.00 mm	19 Fr / 6.33 mm	16 Fr / 5.33 mm	25 cm	20 cm	5.3 Fr
STF-1635	15 Fr / 5.00 mm	19 Fr / 6.33 mm	16 Fr / 5.33 mm	35 cm	30 cm	5.3 Fr
STF-1825	15 Fr / 5.00 mm	21 Fr / 7.00 mm	18 Fr / 6.00 mm	25 cm	20 cm	5.3 Fr
STF-1835	15 Fr / 5.00 mm	21 Fr / 7.00 mm	18 Fr / 6.00 mm	35 cm	30 cm	5.3 Fr
STF-1925	15 Fr / 5.00 mm	22 Fr / 7.33 mm	19 Fr / 6.33 mm	25 cm	20 cm	5.3 Fr
STF-1935	15 Fr / 5.00 mm	22 Fr / 7.33 mm	19 Fr / 6.33 mm	35 cm	30 cm	5.3 Fr
STF-2025	15 Fr / 5.00 mm	23 Fr / 7.67 mm	20 Fr / 6.67 mm	25 cm	20 cm	5.3 Fr
STF-2035	15 Fr / 5.00 mm	23 Fr / 7.67 mm	20 Fr / 6.67 mm	35 cm	30 cm	5.3 Fr
STF-2125	15 Fr / 5.00 mm	24 Fr / 8.00 mm	21 Fr / 7.00 mm	25 cm	20 cm	5.3 Fr
STF-2135	15 Fr / 5.00 mm	24 Fr / 8.00 mm	21 Fr / 7.00 mm	35 cm	30 cm	5.3 Fr

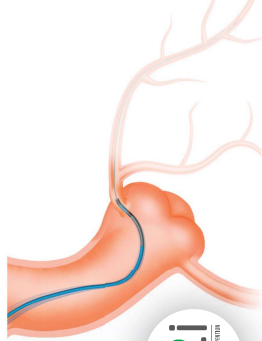
Please quote above item reference codes when placing an order

SoloPath™ RE-COLLAPSIBLE

Item Specifications

Model number	Insertion profile O.D. (actual)	Expanded sheath O.D.	Expanded sheath I.D.	Re-collapsed sheath O.D.	Working length	Expandable length	Tip outer diameter
SR-1925	13.5 Fr	23 Fr 7.67 mm	19 Fr 6.33 mm	~30% reduction in profile*	25 cm	20 cm	5.3 Fr
SR-1935	13.5 Fr	23 Fr 7.67 mm	19 Fr 6.33 mm	~30% reduction in profile*	35 cm	30 cm	5.3 Fr
SR-2225	15 Fr	28 Fr 8.67 mm	22 Fr 7.33 mm	~30% reduction in profile*	25 cm	20 cm	5.3 Fr
SR-2235	15 Fr	28 Fr 8.67 mm	22 Fr 7.33 mm	~30% reduction in profile*	35 cm	30 cm	5.3 Fr
SR-2425	15 Fr	28.5 Fr 9.50 mm	24 Fr 8.00 mm	~30% reduction in profile*	25 cm	20 cm	5.3 Fr
SR-2435	15 Fr	28.5 Fr 9.50 mm	24 Fr 8.00 mm	~30% reduction in profile*	35 cm	30 cm	5.3 Fr

Please quote above item reference code when placing an order
* Data on file



Heartrail® II

PTCA Guiding Catheter

Heartrail® II Guiding Catheter is designed for the introduction of interventional devices and/or guidewires and for the delivery of contrast media into the coronary or peripheral vascular systems.



Product Characteristics

- Reliable back-up support utilising Terumo's Zone- technology
- Largest inner lumen diameter 6 Fr (0.071" - 1.80 mm) enables Kissing Balloon Technique
- PTFE inner layer for smooth device delivery
- 5 in 6 system enables to increase back up force without changing outer sizes of guiding catheter
- IKARI shapes designed for optimal backup support in TRI procedures

General Specifications

Usable length	100 cm
Inner diameter	5 Fr - 0.069" (1.50 mm) 6 Fr - 0.071" (1.80 mm) 7 Fr - 0.081" (2.06 mm)
Inner layer	PTFE



Item Specifications

Please quote above item reference codes when placing an order

Type	Shape code	Curve	Length	5 French Outer Diameter	6 French Outer Diameter	7 French Outer Diameter
Amplatz Left	AL-1	✓	100 cm	GC-KSAL010N	GC-K6ALD-0NM	GC-K7AL010N
	AL-2	✓	100 cm	GC-K6AL020N	GC-K6AL020NM	GC-K7AL020N
	AL-3	✓	100 cm	GC-K6AL030N	GC-K6AL030NM	GC-K7AL030N
Amplatz Right	AR-1	✓	100 cm	GC-KSAR010N	GC-K6AR010NM	GC-K7AR010N
	AR-2	✓	100 cm	GC-K6AR020N	GC-K6AR020NM	GC-K7AR020N
	JL-3,0	✓	100 cm	-	GC-K6JL300NM	-
Jenkins Left	JL-3,5	✓	100 cm	GC-K6JL350N	GC-K6JL350NM	GC-K7JL350N
	JL-4,0	✓	100 cm	GC-K6JL400N	GC-K6JL400NM	GC-K7JL400N
	JL-4,5	✓	100 cm	GC-K6JL450N	GC-K6JL450NM	GC-K7JL450N
	JL-5,0	✓	100 cm	GC-K6JL500N	GC-K6JL500NM	GC-K7JL500N
	JL-6,0	✓	100 cm	GC-K6JL600N	GC-K6JL600NM	GC-K7JL600N
Jenkins Right	JR-3,5	✓	100 cm	GC-K6JR350N	GC-K6JR350NM	GC-K7JR350N
	JR-4,0	✓	100 cm	GC-K6JR400N	GC-K6JR400NM	GC-K7JR400N
	JR-4,5	✓	100 cm	GC-K6JR450N	GC-K6JR450NM	GC-K7JR450N
	JR-5,0	✓	100 cm	GC-K6JR500N	GC-K6JR500NM	GC-K7JR500N
	JR-6,0	✓	100 cm	GC-K6JR600N	GC-K6JR600NM	GC-K7JR600N
Backup Left	BL-3,5	✓	100 cm	GC-K6BL350N	GC-K6BL350NM	GC-K7BL350N
	BL-4,0	✓	100 cm	GC-K6BL400N	GC-K6BL400NM	GC-K7BL400N
	BL-4,5	✓	100 cm	GC-K6BL450N	GC-K6BL450NM	GC-K7BL450N
Bump-Curve Left	IL-3,0	✓	100 cm	-	GC-K6IL300NM	-
	IL-3,5	✓	100 cm	GC-K6IL350N	GC-K6IL350NM	GC-K7IL350N
	IL-4,0	✓	100 cm	GC-K6IL400N	GC-K6IL400NM	GC-K7IL400N
	IL-4,5	✓	100 cm	GC-K6IL450N	GC-K6IL450NM	-
Bump-Curve Right	IR-1,0	✓	100 cm	-	GC-K6IR100NM	-
	IR-1,5	✓	100 cm	GC-K6IR150N	GC-K6IR150NM	GC-K7IR150N
	IR-2,0	✓	100 cm	GC-K6IR200N	GC-K6IR200NM	GC-K7IR200N
Tiger	TR-5,0	✓	100 cm	GC-K6TR500N	GC-K6TR500NM	GC-K7TR500N
	MP-L	✓	100 cm	GC-K6MP030N	GC-K6MP030NM	GC-K7MP030N
Multipurpose Bika	IKM-A-1,0	✓	100 cm	GC-K6IKMATION	GC-K6IKMATIONM	GC-K7IKMATION
	BP-L	✓	100 cm	GC-K6BP010N	GC-K6BP010NM	GC-K7BP010N
Curves for Bypass	BP-R	✓	100 cm	GC-K6BP020N	GC-K6BP020NM	GC-K7BP020N
	BP-R	✓	100 cm	GC-K6BP020N	GC-K6BP020NM	GC-K7BP020N

5 in 6 System		Item reference code
Shape	Length	
Straight	120 cm	GC-K6S1012M/Q

RS1501193G111440N

CLIMBER®

PTCA Guiding Catheter



Climber® is a hydrophilic coated guiding catheter providing an ideal combination of dedicated hydrophilic coating, large inner lumen and unique passive back-up support.

Climber® offers a broad choice of curves to maximise your success.



Product Characteristics

Smooth introduction and transition thanks to the large 0.071" inner diameter in 6 Fr and selective hydrophilic coating

- Frictionless insertion even in tortuous or calcified anatomy
- Reduced risk of spasm in TRI procedure
- Tactile 1:1 torque control of the tip

Durable back-up support thanks to the dedicated shaft construction

- Encapsulated high strength flat braiding to provide high kink resistance, pushability and reliable back-up support
- Polyamide outer shaft material to enhance shape retention and minimal temperature softening during complex procedures
- Distal 7 cm uncoated part to ensure good grip at the ostium and contralateral wall support



5Fr I.D.
0.058"/1.47 mm



6Fr I.D.
0.071"/1.80 mm



7Fr I.D.
0.082"/2.08 mm



8Fr I.D.
0.091"/2.31 mm

General Specifications

Shaft Coating	Hydrophilic coating Uncoated distal 7 cm and proximal 25 cm
Shaft Material	Polyamide
Braiding	Ultra thin high strength 2 x 2 flat wire mesh pattern
Inner diameter	5 Fr - 0.058" (1.47 mm) 6 Fr - 0.071" (1.80 mm) 7 Fr - 0.082" (2.08 mm) 8 Fr - 0.091" (2.31 mm)
Side Holes	Available in 6, 7 and 8 Fr
Usable length	100 cm 125 cm – available for 6 French MPA shape

Item Specifications

	5 Fr / 1,75 mm	6 Fr / 2,08 mm	6 Fr / 2,08 mm with 2 sideholes	7 Fr / 2,37 mm	7 Fr / 2,37 mm with 2 sideholes	8 Fr / 2,68 mm	8 Fr / 2,68 mm with 2 sideholes
	GC-PBAL070N	GC-PBAL070N	GC-PBAL070A	GC-P7AL070N	GC-P7AL070A	GC-PBAL070N	GC-PBAL070A
Amplatz Left (AL)	1 GC-PBAL100N	GC-PBAL100N	GC-PBAL100A	GC-P7AL100N	GC-P7AL100A	GC-PBAL100N	GC-PBAL100A
	1.5 GC-PBAL150N	GC-PBAL150N	GC-PBAL150A	GC-P7AL150N	GC-P7AL150A	GC-PBAL150N	GC-PBAL150A
	2 GC-PBAL200N	GC-PBAL200N	GC-PBAL200A	GC-P7AL200N	GC-P7AL200A	GC-PBAL200N	GC-PBAL200A
	3 GC-PBAL300N	GC-PBAL300N	GC-PBAL300A	GC-P7AL300N	GC-P7AL300A	GC-PBAL300N	GC-PBAL300A
Amplatz Right (AR)	1 GC-PBAR100N	GC-PBAR100N	GC-PBAR100A	GC-P7AR100N	GC-P7AR100A	GC-PBAR100N	GC-PBAR100A
	2 GC-PBAR200N	GC-PBAR200N	GC-PBAR200A	GC-P7AR200N	GC-P7AR200A	GC-PBAR200N	GC-PBAR200A
	3 GC-PBAL300N	GC-PBAL300N	GC-PBAL300A	GC-P7AL300N	GC-P7AL300A	GC-PBAL300N	GC-PBAL300A
	3.5 GC-PBAL350N	GC-PBAL350N	GC-PBAL350A	GC-P7AL350N	GC-P7AL350A	GC-PBAL350N	GC-PBAL350A
Standard curves	4 GC-PBAL400N	GC-PBAL400N	GC-PBAL400A	GC-P7AL400N	GC-P7AL400A	GC-PBAL400N	GC-PBAL400A
Judkins Left (JL)	4.5 GC-PSLJ450N	GC-PSLJ450N	GC-PSLJ450A	GC-P7JL450N	GC-P7JL450A	GC-PBAL450N	GC-PBAL450A
	5 GC-PSLJ500N	GC-PSLJ500N	GC-PSLJ500A	GC-P7JL500N	GC-P7JL500A	GC-PBAL500N	GC-PBAL500A
	6 GC-PSLJ600N	GC-PSLJ600N	GC-PSLJ600A	GC-P7JL600N	GC-P7JL600A	GC-PBAL600N	GC-PBAL600A
	3 GC-PSJR300N	GC-PSJR300N	GC-PSJR300A	GC-P7JR300N	GC-P7JR300A	GC-PSJR300N	GC-PSJR300A
	3.5 GC-PSJR350N	GC-PSJR350N	GC-PSJR350A	GC-P7JR350N	GC-P7JR350A	GC-PSJR350N	GC-PSJR350A
	4 GC-PSJR400N	GC-PSJR400N	GC-PSJR400A	GC-P7JR400N	GC-P7JR400A	GC-PSJR400N	GC-PSJR400A
Judkins Right (JR)	4.5 GC-PSJR450N	GC-PSJR450N	GC-PSJR450A	GC-P7JR450N	GC-P7JR450A	GC-PSJR450N	GC-PSJR450A
	5 GC-PSJR500N	GC-PSJR500N	GC-PSJR500A	GC-P7JR500N	GC-P7JR500A	GC-PSJR500N	GC-PSJR500A
	6 GC-PSJR600N	GC-PSJR600N	GC-PSJR600A	GC-P7JR600N	GC-P7JR600A	GC-PSJR600N	GC-PSJR600A
	3 GC-PREB300N	GC-PREB300N	GC-PREB300A	GC-P7EB300N	GC-P7EB300A	GC-PREB300N	GC-PREB300A
	3.25 GC-PREB320N	GC-PREB320N	GC-PREB320A	GC-P7EB320N	GC-P7EB320A	GC-PREB320N	GC-PREB320A
	3.5 GC-PREB350N	GC-PREB350N	GC-PREB350A	GC-P7EB350N	GC-P7EB350A	GC-PREB350N	GC-PREB350A
	3.75 GC-PREB370N	GC-PREB370N	GC-PREB370A	GC-P7EB370N	GC-P7EB370A	GC-PREB370N	GC-PREB370A
Extra Backup for left coronary (EBL)	4 GC-PSEB400N	GC-PSEB400N	GC-PSEB400A	GC-P7EB400N	GC-P7EB400A	GC-PREB400N	GC-PREB400A
	4.25 GC-PSEB420N	GC-PSEB420N	GC-PSEB420A	GC-P7EB420N	GC-P7EB420A	GC-PREB420N	GC-PREB420A
	4.5 GC-PSEB450N	GC-PSEB450N	GC-PSEB450A	GC-P7EB450N	GC-P7EB450A	GC-PREB450N	GC-PREB450A
	4.75 GC-PSEB470N	GC-PSEB470N	GC-PSEB470A	GC-P7EB470N	GC-P7EB470A	GC-PREB470N	GC-PREB470A
Extra Backup curves	5 GC-PSEB500N	GC-PSEB500N	GC-PSEB500A	GC-P7EB500N	GC-P7EB500A	GC-PREB500N	GC-PREB500A
	3 GC-PXR300N	GC-PXR300N	GC-PXR300A	GC-P7XR300N	GC-P7XR300A	GC-PXR300N	GC-PXR300A
	3.5 GC-PXR350N	GC-PXR350N	GC-PXR350A	GC-P7XR350N	GC-P7XR350A	GC-PXR350N	GC-PXR350A
	3.75 GC-PXR370N	GC-PXR370N	GC-PXR370A	GC-P7XR370N	GC-P7XR370A	GC-PXR370N	GC-PXR370A
Extra Backup for right coronary (ABRA)	4 GC-PXR400N	GC-PXR400N	GC-PXR400A	GC-P7XR400N	GC-P7XR400A	GC-PXR400N	GC-PXR400A
	4.25 GC-PXR420N	GC-PXR420N	GC-PXR420A	GC-P7XR420N	GC-P7XR420A	GC-PXR420N	GC-PXR420A
	4.5 GC-PXR450N	GC-PXR450N	GC-PXR450A	GC-P7XR450N	GC-P7XR450A	GC-PXR450N	GC-PXR450A
	- GC-PMMP000N	GC-PMMP000N	GC-PMMP000A	GC-P7MP000N	GC-P7MP000A	-	-
Multipurpose	-	GC-PMMP102N	-	-	-	-	-
Multipurpose 125 cm shaft	-	GC-PHS000N	GC-PHS000A	GC-P7HS000N	GC-P7HS000A	-	-
HockeyStick	-	GC-PSIM000N	GC-PSIM000A	GC-P7IM000N	GC-P7IM000A	-	-
Curves for Bypass	-	GC-PBP010N	GC-PBP010A	GC-P7BP010N	GC-P7BP010A	-	-
	-	GC-PBP020N	GC-PBP020A	GC-P7BP020N	GC-P7BP020A	-	-
	3 GC-PBTR300N	GC-PBTR300N	-	-	-	-	-
	3.5 GC-PBTR350N	GC-PBTR350N	-	-	-	-	-
Curves for Radial access	4 GC-PBTR400N	GC-PBTR400N	-	-	-	-	-
	4.5 GC-PBTR450N	GC-PBTR450N	-	-	-	-	-
	5 GC-PBTR500N	GC-PBTR500N	-	-	-	-	-

Please quote above item reference code when placing an order

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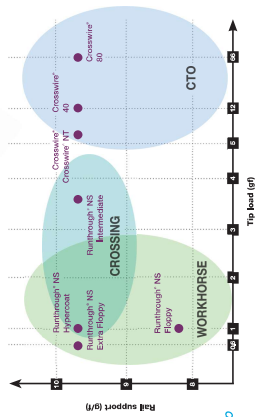


Runthrough® NS

PTCA Guidewire

Runthrough® NS is a PTCA guidewire intended to be used in interventional cardiology procedures.

Runthrough® NS is an innovative guidewire designed for workhorse lesions, as well as challenging lesions.



Guidewire segmentation map

Product Characteristics

- Nitinol alloy distal core offers kink resistance and durability
- High strength stainless steel shaft designed to offer enhanced steerability and trackability
- Innovative DuoCore combines a great torque response with a durable tip
- Durable Terumo M Coat™ hydrophilic coating enables smooth manipulation
- The distal tip presents 2 mm silicone coating for an improved tactile feed-back

General Specifications

Diameter	0.014" (0.36 mm)
Wire length	180 cm
Radiopaque length	3 cm
Distal shape	Straight
Distal coating	Hydrophilic
Proximal coating	PTFE

Item Specifications

Item	Clinical application	Tip load (gf)	Tip shaping part	Rail support	Coating	Distal tip coating	Item Reference Code
Runthrough® NS Extra Flppy	Workhorse	0.6 gf	10 mm	Stiffer	Hydrophilic	2 mm silicone	TW-AS418A
Runthrough® NS Flppy	Workhorse	1 gf	10 mm	Moderate	Hydrophilic	2 mm silicone	TW-AS418A
Runthrough® NS Hypercoat	Crossing	1 gf	14 mm	Stiffer	Enhanced hydrophilic	-	TW-DS418H
Runthrough® NS Intermediate	Crossing	3.6 gf	10 mm	Stiffer	Hydrophilic	2 mm silicone	TW-DS418A
Runthrough® NS Extension Wire	Extension	-	-	-	-	-	TW-JJ415

Please quote above item reference code when placing an order



Crosswire[®]
Crosswire[®] NT

PTCA Guidewire



Crosswire[®] NT is a PTCA guidewire intended to be used in interventional cardiology procedures. Crosswire[®] is designed for complex and CTO-lesions featuring moderate support, polyurethane distal part with Terumo's hydrophilic coating and Nickel-Titanium alloy (Nitinol) single core.



Product Characteristics

- Shapeable nitinol tip with great durability during long and complex procedures
- Single core shaft for enhanced direct torque and penetration force
- Terumo M Coat[™] for improved crossing performance

Item Specifications

Product name	Total length	Tip load	Rail support	Diameter	Radiopaque length	Hydrophilic coating	Tip shape	Item reference
Crosswire [®] NT	180 cm	5.5 gf	Stiffer	0.014" (0.36 mm)	2 cm	40 cm	Straight	CWPMS1418SM
Crosswire [®]	180 cm	5.5 gf	Stiffer	0.014" (0.36 mm)	3 cm	180 cm	Straight	CWPMS1416SM
Crosswire [®] 40	180 cm	12.5 gf	Stiffer	0.014" (0.36 mm)	3 cm	180 cm	Straight	CWPMS1418HAM
Crosswire [®] 80	180 cm	66.2 gf	Stiffer	0.014" (0.36 mm)	3 cm	180 cm	Straight	CWPMS1418HAM

Please quote above item reference code when placing an order

Ryujin™ Plus

PTCA Balloon Catheter



Ryujin™ Plus rapid exchange balloon catheter is intended to be used for percutaneous transluminal coronary angioplasty (PTCA) for the purpose of improving myocardial blood flow in the localized stenotic lesion of the coronary arteries. An improved crossability while maintaining the trackability is designed for workhorse lesions.



Product Characteristics

- Flexible distal shaft and hydrophilic coating for improved trackability
- Low profile enables kissing balloon technique in 6 Fr large lumen (< 0.070" / 1.80 mm) guiding catheter.
- Fixed outer and inner tube prevents accordion phenomenon at the balloon part
- Broad selection of diameter from 1.25 mm to 4.0 mm and length from 10 mm to 40 mm



General Specifications

Shaft diameter	2.0 Fr (0.67 mm) Proximal 2.4 Fr (0.80 mm) Distal for 1.25 mm to 2.0 mm 2.5 Fr (0.84 mm) Distal for 2.25 mm to 3.00 mm 2.6 Fr (0.87 mm) Distal for 3.50 mm and 4.00 mm
Usable length	145 cm
Nominal pressure	6 atm (608 kPa)
Rated burst pressure	14 atm (1419 kPa) for 1.25 mm to 3.00 mm 12 atm (1216 kPa) for 3.50 mm and 4.00 mm
Guidewire compatibility	Maximum diameter 0.014" (0.36 mm)
Entry profile	0.40 mm for balloon (1.25 mm / 1.0 mm) 0.42 mm (others)
Coating	Hydrophilic

Item Specifications

Product name	Balloon length (mm)				
	10	15	20	30	40
1.25	DC-RH1215EH*	DC-RH1215EH*	—	—	—
1.50	—	DC-RH1515EH*	DC-RH1520EH*	—	—
2.00	—	DC-RH2015EH*	DC-RH2020EH*	—	—
2.25	DC-RH2510EHW	DC-RH2515EHW	DC-RH2520EHW	DC-RH2530EHW	DC-RH2540EHW
2.50	DC-RH2510EHW	DC-RH2515EHW	DC-RH2520EHW	DC-RH2530EHW	DC-RH2540EHW
2.75	DC-RH2710EHW	DC-RH2715EHW	DC-RH2720EHW	DC-RH2730EHW	DC-RH2740EHW
3.00	DC-RH3010EHW	DC-RH3015EHW	DC-RH3020EHW	DC-RH3030EHW	DC-RH3040EHW
3.50	DC-RH3510EHW	DC-RH3515EHW	DC-RH3520EHW	DC-RH3530EHW	DC-RH3540EHW
4.00	DC-RH4010EHW	DC-RH4015EHW	DC-RH4020EHW	DC-RH4030EHW	DC-RH4040EHW

* Single Radiopaque marker
Please quote above item reference code when placing an order

RyujiTM Plus OTW

PTCA Balloon Catheter



RyujiTM Plus OTW is intended to be used for percutaneous transluminal coronary angioplasty (PTCA) for the purpose of improving myocardial blood flow in the localized stenotic lesion of the coronary arteries.

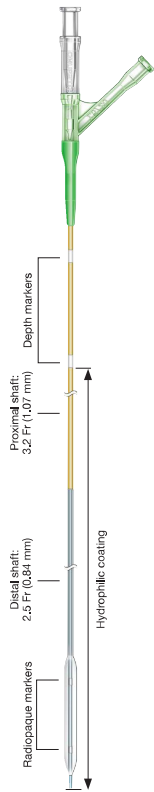
RyujiTM Plus OTW is a PTCA balloon dilatation catheter with a coaxial system utilizing innovative RyujiTM technologies.

Long shaft model (usable catheter length: 148 cm) enables to reach very distal lesions.



Product Characteristics

- 148 cm long shaft model is suitable for CART technique (Controlled Antegrade and Retrograde subintimal Tracking)
- Stiff plastic shaft designed for enhanced kink resistance
- Inner shaft material designed for smooth guidewire handling
- Durable hydrophilic coating



General Specifications

Shaft diameter	3.2 Fr (1.07 mm) Proximal 2.5 Fr (0.83 mm) Distal for 1.25 mm, 1.50 mm and 2.00 mm 2.7 Fr (0.90 mm) Distal for 2.50 mm
Usable length	135 cm / 148 cm
Nominal pressure	6 atm (608 kPa)
Rated burst pressure	14 atm (1419 kPa)
Guidewire compatibility	Maximum diameter 0.014" (0.36 mm)
Entry profile	0.43 mm
Coating	Hydrophilic

Item Specifications

Catheter length	Balloon diameter (mm)	Balloon length (mm)	
		10	15
Normal shaft (135 cm)	1.25	DC-PH1210PH*	—
	1.50	—	DC-PH1515PH*
	2.00	—	DC-PH2020PHW
Long shaft (148 cm)	2.50	—	DC-PH2520PHW
	1.25	DC-PH1210LH*	—
	2.00	—	DC-PH2020LHW
	2.50	—	DC-PH2520LHW

* Single Radiopaque marker
Please quote above item reference code when placing an order

Tazuna®

PTCA Balloon Catheter



Tazuna® rapid exchange PTCA balloon catheter is intended to be used for percutaneous transluminal coronary angioplasty (PTCA) for the purpose of improving myocardial blood flow in the localized stenotic lesion of the coronary arteries.

Tazuna® is a high performance balloon utilizing a combination of Terumo's technologies to improve crossability and pushability to treat the most complex lesions.



Product Characteristics

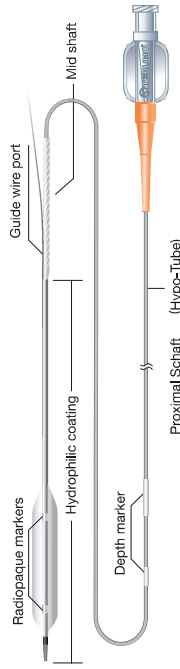
- Outstanding pushability**
- New mid shaft construction, between flexibility and stiffness, maximising the transmission force to the distal part
 - Modified guidewire exit port for a more durable Tazuna in complex procedures
 - Low profile and thicker hypotube to enhance pushability and kink resistance

Improved crossing performance

- Ultra low entry profile (0.40 mm / 0.016") for most challenging lesions
- A more flexible and robust tip to cross tight lesions and stent struts
- Hydrophilic coating on the distal shaft to facilitate navigation through distal tortuous vessels and calcified lesions

Superior re-wrapping and re-crossability

- Specially engineered tri-wrapped balloon for superior re-wrapping performance to enhance re-crossability



General Specifications

Shaft diameter	1.9 Fr (0.63 mm) Proximal 2.4 Fr (0.80 mm) Distal for 1.25 mm to 2.00 mm 2.5 Fr (0.84 mm) Distal for 2.25 mm to 3.00 mm
Usable length	145 cm
Nominal pressure	6 atm (608 kPa)
Rated burst pressure	14 atm (1419 kPa)
Guidewire compatibility	Maximum diameter 0.014" (0.36 mm)
Entry profile	0.40 mm (1.25 mm to 2.25 mm / 10 mm) 0.42 mm (1.25 mm to 2.25 mm / 15 to 20 mm and 2.5 mm, 3.0 mm)
Coating	Hydrophilic

Item Specifications

Balloon diameter (mm)	Balloon length (mm)	
	10	15
1.25	DC-RK1210EH*	DC-RK1515EH*
1.50	DC-RK1510EH*	DC-RK1515EH*
2.00	DC-RK2010EH*	DC-RK2015EH*
2.25	DC-RK2210EH*	DC-RK2215EH*
2.50	DC-RK2510EH*	DC-RK2515EH*
2.75	—	DC-RK2715EH*
3.00	DC-RK3010EH*	DC-RK3015EH*

* Single Radiopaque marker
Please quote above item reference code when placing an order

Hiryu®

PTCA Balloon Catheter



Hiryu® rapid exchange balloon catheter is intended to be used for percutaneous transluminal coronary angioplasty (PTCA) for the purpose of improving myocardial blood flow in the localized stenotic lesion of the coronary arteries.

Hiryu® is a non compliant PTCA balloon catheter featuring high pressure resistance while maintaining crossability.



Product Characteristics

- Flexible tip, durable Hydrophilic coating and low entry profile 0.42 mm for crossability
- High pressure resistance (RBP of 20 atm / 2026 kPa) and low compliance balloon offer precise dilatation force
- Complete range of balloon lengths (6-20 mm) and sizes (2.25-5.00 mm) to meet all clinical scenarios



General Specifications

Shaft diameter	2.0 Fr (0.67 mm) Proximal 2.5 Fr (0.84 mm) Distal for 2.25 mm to 3.0 mm 2.6 Fr (0.87 mm) Distal for 3.25 mm to 5.0 mm
Usable length	145 cm
Balloon marker	Double
Nominal pressure	10 atm (1013 kPa)
Rated burst pressure	20 atm (2026 kPa) for 2.25 mm to 4.0 mm 18 atm (1824 kPa) for 4.5 and 5.0 mm
Guidewire compatibility	Maximum diameter 0.014" (0.36 mm)
Entry profile	0.43 mm
Coating	Hydrophilic

Item Specifications

Balloon diameter (mm)	Balloon length (mm)		
	6	10	20
2.25	DC-RJ270E8W	DC-RJ270E8W	DC-RJ271E8W
2.50	DC-RJ2510E8W	DC-RJ2510E8W	DC-RJ2520E8W
2.75	DC-RJ270E8W	DC-RJ2710E8W	DC-RJ2720E8W
3.00	DC-RJ300E8W	DC-RJ3010E8W	DC-RJ3020E8W
3.25	DC-RJ320E8W	DC-RJ3210E8W	DC-RJ3220E8W
3.50	DC-RJ350E8W	DC-RJ3510E8W	DC-RJ3520E8W
3.75	DC-RJ370E8W	DC-RJ3710E8W	DC-RJ3720E8W
4.00	DC-RJ400E8W	DC-RJ4010E8W	DC-RJ4020E8W
4.50	DC-RJ450E8W	DC-RJ4510E8W	DC-RJ4020E8W
5.00	DC-RJ500E8W	DC-RJ5010E8W	DC-RJ4020E8W

Please quote above item reference code when placing an order

Accuforce®

Non Compliant PTCO Dilatation Balloon Catheter

The ideal balance of high pressure and high resistance, accurate dilatation and advanced deliverability, with no compromise on procedural success.



Product Characteristics

- Impressive high pressure resistance up to 22 atm
- Optimised (re)crossability and deliverability thanks to the reinforced guidewire exit port and low profile shaft⁽¹⁾
- Improved accuracy of dilatation even in the most challenging cases with shorter balloon shoulders.⁽²⁾



General Specifications

Shaft diameter	1.9 Fr (0.63 mm) Proximal 2.5 Fr (0.84 mm) Mid 2.6 Fr (0.86 mm) Distal
Usable length	145 cm
Balloon marker	Double
Nominal pressure	12 atm (1216 kPa)
Rated burst pressure	22 atm (2229 kPa) for 2.0 mm to 4.0 mm 20 atm (2026 kPa) for 4.5 mm and 5.0 mm
Guidewire compatibility	Maximum diameter 0.014" (0.36 mm)
Entry profile	0.43 mm
Coating	Hydrophilic

Item Specifications

Balloon diameter (mm)	Balloon length (mm)									
	6	8	12	15	20	25	30			
2.00	DC-RM2006HSW	DC-RM2008HSW	DC-RM2012HSW	DC-RM2015HSW	DC-RM2020HSW	DC-RM2025HSW	DC-RM2030HSW			
2.25	DC-RM2206HSW	DC-RM2208HSW	DC-RM2212HSW	DC-RM2215HSW	DC-RM2220HSW	DC-RM2225HSW	DC-RM2230HSW			
2.50	DC-RM2506HSW	DC-RM2508HSW	DC-RM2512HSW	DC-RM2515HSW	DC-RM2520HSW	DC-RM2525HSW	DC-RM2530HSW			
2.75	DC-RM2706HSW	DC-RM2708HSW	DC-RM2712HSW	DC-RM2715HSW	DC-RM2720HSW	DC-RM2725HSW	DC-RM2730HSW			
3.00	DC-RM3006HSW	DC-RM3008HSW	DC-RM3012HSW	DC-RM3015HSW	DC-RM3020HSW	DC-RM3025HSW	DC-RM3030HSW			
3.25	DC-RM3206HSW	DC-RM3208HSW	DC-RM3212HSW	DC-RM3215HSW	DC-RM3220HSW	DC-RM3225HSW	DC-RM3230HSW			
3.50	DC-RM3506HSW	DC-RM3508HSW	DC-RM3512HSW	DC-RM3515HSW	DC-RM3520HSW	DC-RM3525HSW	DC-RM3530HSW			
3.75	DC-RM3706HSW	DC-RM3708HSW	DC-RM3712HSW	DC-RM3715HSW	DC-RM3720HSW	DC-RM3725HSW	DC-RM3730HSW			
4.00	DC-RM4006HSW	DC-RM4008HSW	DC-RM4012HSW	DC-RM4015HSW	DC-RM4020HSW	DC-RM4025HSW	DC-RM4030HSW			
4.50	DC-RM4506HSW	DC-RM4508HSW	DC-RM4512HSW	DC-RM4515HSW	DC-RM4520HSW	DC-RM4525HSW	DC-RM4530HSW			
5.00	DC-RM5006HSW	DC-RM5008HSW	DC-RM5012HSW	DC-RM5015HSW	DC-RM5020HSW	DC-RM5025HSW	DC-RM5030HSW			

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Please quote above item reference code when placing an order

(1) Comparison with Hedy, Non Compliant PTA Balloon Catheter manufactured by Terumo Corporation.
(2) Data on file at Terumo Corporation, Compliance comparison from benchmark tests data vs. Medtronic, Inc. NC SpineRDTM, vs. Abbott NC TrekTM, vs. Boston Scientific NC Quantum ApexTM, vs. Cordis J&J Entera ACTM and J&J Entera EBTM, n = 10 for each group, non-significant results.

ELIMINATE™

Aspiration Catheter



Eliminate is an innovative aspiration catheter designed to offer an optimal balance between crossing performance, kink resistance and thrombus aspiration capability.



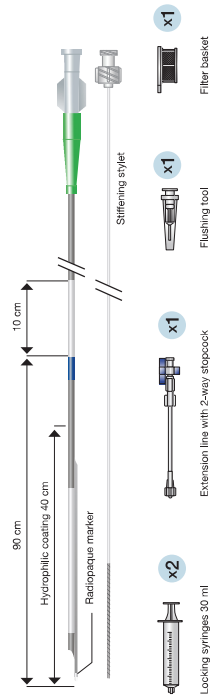
Product Characteristics

Dedicated tip design with radiopaque marker

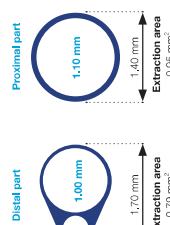
- To improve crossability, while providing atraumatic and efficient aspiration
 - To ensure excellent fluoroscopic visibility
- Braided shaft with hydrophilic coating and pre-loaded stiffening stylet (only 6 Fr and 7 Fr are pre-loaded)
- For an improved pushability and kink resistance
 - For easy navigation through tortuous anatomies

Large aspiration lumen

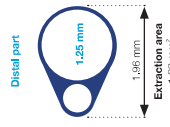
- For constant, high-performance aspiration throughout the procedure
- A choice of 3 sizes (6 Fr, 7 Fr and 8 Fr guide catheter compatibility) for different coronary and peripheral applications



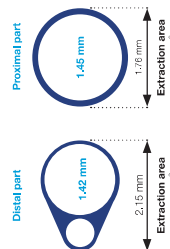
6 Fr guide catheter compatibility



7 Fr guide catheter compatibility



8 Fr guide catheter compatibility



General Specifications

Usable length	140 cm
Distal tip hole length	4 mm for 6 and 7 Fr, 7 mm for 8 Fr
Rapid exchange segment	23 cm
Radiopaque marker	1 mm located at 4 mm from the tip
Positioning marker	10 cm = single white mark located at 90 cm from distal tip
Guide wire compatibility	Maximum diameter 0.014" (0.36 mm)
Coating	Hydrophilic

Item Specifications

	Guide catheter compatibility	Guide sheath compatibility	Eliminate
6 Fr	I.D. ≥ 0.070" / 1.78 mm	-	EG1602
7 Fr	I.D. ≥ 0.090" / 2.03 mm	-	EG1652
8 Fr	I.D. ≥ 0.096" / 2.18 mm	6 Fr	EG1401

Please quote above item reference code when placing an order.

FINECROSS[®] MG

Coronary Micro-Guide Catheter



Finecross[®] MG is a unique and innovative micro catheter specifically designed for coronary intervention. This product provides support and precise handling of the guidewire to navigate through the artery. Finecross[®] MG is also intended for injection of contrast media for the purpose of angiography.



Product Characteristics

Optimal guidewire support

- Fully stainless steel braided shaft to provide strength, responsiveness, to reinforce lumen integrity and to improve pushability
- PTFE inner layer to allow smooth guidewire handling with less resistance and to facilitate exchange wire during complex procedures

Superior crossability

- Hydrophilic coating to enable advancement and access through distal tortuous vessels
- Tapered inner and outer diameters, from 2.6 Fr. to 1.8 Fr. over the entire length for greater lesion crossability
- 13 cm distal segment is flexible for an optimal balance between handling and safety



General Specifications

Distal outer diameter	1.8 Fr (0.60 mm)
Distal inner diameter	0.018" (0.46 mm)
Proximal outer diameter	2.6 Fr (0.67 mm)
Proximal inner diameter	0.021" (0.55 mm)
Guidewire compatibility	Maximum diameter 0.014" (0.36 mm)
Radiopaque marker	0.7 mm gold single marker located at 0.7 mm from the tip
Usable length	130 or 150 cm
Coating	Hydrophilic

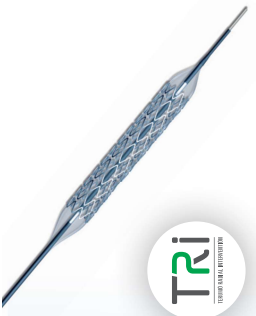
Item Specifications

Usable catheter length	130 cm	Item reference code	NC-F865A
	150 cm		NC-F865A

Please quote above item reference code when placing an order

Nobori®

Drug Eluting Stent



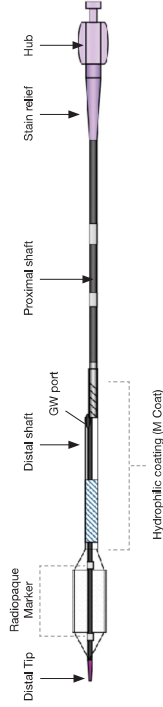
Nobori® Drug Eluting Stent is indicated for improving luminal diameter and reducing in-stent restenosis for the treatment of coronary artery lesions.

Nobori® stent has an innovative design, with biolimus A9 drug and biodegradable polymer, coated only on the abluminal side of the stent. This technology provides efficacy and preserves safety over time.



Product Characteristics

- Biodegradable polymer reduces chronic sensitivity and prevents the drug from remaining permanently trapped in the coating
- Abluminal coating maximizes drug release into the vessel wall and minimizes systemic effect
- Biolimus A9, an anti-proliferative and anti-inflammatory drug, reduces neo-intimal proliferation
- Precise release kinetics with an initial burst and sustained elution through polymer degradation assure long term efficacy
- Low compliant balloon provides an optimal stent expansion
- Open cell area provides wide side-branch access to treat bifurcation lesions



General Specifications

Stent material	316 L stainless steel
Guidewire diameter	0.014" (0.36 mm)
Balloon material	Nylon
Nominal pressure	8 atm (610 kPa)
Rated burst pressure	16 atm (1821 kPa) - 2.25 mm to 3.0 mm 14 atm (1418 kPa) - 3.5 mm
Stent crossing profile	0.044" (1.11 mm) - 3.0 mm
Usable length of catheter	145 cm

Item Specifications

Diameter (mm)	Length (mm)			
	8	14	18	24
2.25	DE-RA2208SM	DE-RA2214SM	DE-RA2218SM	DE-RA2224SM
2.50	DE-RA2508SM	DE-RA2514SM	DE-RA2518SM	DE-RA2524SM
2.75	DE-RA2708SM	DE-RA2714SM	DE-RA2718SM	DE-RA2724SM
3.00	DE-RA3008SM	DE-RA3014SM	DE-RA3018SM	DE-RA3024SM
3.50	DE-RA3508LM	DE-RA3514LM	DE-RA3518LM	DE-RA3524LM

Please quote above item reference code when placing an order

Ultimaster

Drug Eluting Stent



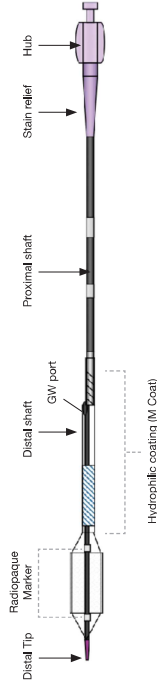
Ultimaster® CoCr Coronary Stent System is indicated for improving myocardial blood flow in patients with stenotic lesions in coronary arteries.
 Ultimaster® brings together the best in DES technology to facilitate the most complex clinical cases:

- Reliable deliverability and enhanced conformability for excellent acute performance.
- Optimized drug release technology targeting favorable long-term clinical outcomes.



Product Characteristics

- Bioresorbable PLLA-PCL polymer to eliminate long-term polymer exposure
- Abuminal and gradient coating to ensure fast and functional endothelialization
- New vessel friendly platform with bio-inspired stent design
- CoCr L605 80µm stent struts for optimal balance between radial force, visibility and flexibility
- Low entry profile eliminates the gap between the tip and the guidewire for outstanding trackability
- Famous Terumo hydrophilic coating, enhanced stent flexibility and smooth stent-balloon transition enable ultimate stent crossability



Delivery System Specifications

Guidewire compatibility	0.014" (0.36 mm)
Balloon material	Nylon 12
Nominal pressure	9 atm
Rated burst pressure	16 atm - 2.25 to 3.0 mm / 14 atm - 3.5 to 4.0 mm
Entry profile	0.017" (0.43 mm)
Crossing profile	0.044" (1.12 mm) for 3.0 mm
Shaft	Max size - 2.6 Fr (0.88 mm) / Min size - 2.0 Fr (0.67 mm)
Coating	Hydrophilic - Distal shaft / Silicone - Proximal shaft
Minimum Guide catheter	6 Fr (0.058" / 1.42 mm)
Usable length	144 cm

Stent Specifications

Stent design	Open cell
Stent material	Cobalt Chromium L605
Stent thickness	80 µm
Drug	Sirofimus
Drug dose	3.9 µg/mm stent length
Polymer	Poly (DL-lactide-co-caprolactone)
Coating	Abuminal & gradient
Polymer degradation time and drug release	3-4 months

Item Specifications

Diameter (mm)	Length (mm)							
	9	12	15	18	24	28	33	38
2.25	DE-RD2209KSM	DE-RD2212KSM	DE-RD2215KSM	DE-RD2218KSM	DE-RD2224KSM	DE-RD2228KSM	DE-RD2233KSM	DE-RD2238KSM
2.50	DE-RD2309KSM	DE-RD2312KSM	DE-RD2315KSM	DE-RD2318KSM	DE-RD2324KSM	DE-RD2328KSM	DE-RD2333KSM	DE-RD2338KSM
2.75	DE-RD2709KSM	DE-RD2712KSM	DE-RD2715KSM	DE-RD2718KSM	DE-RD2724KSM	DE-RD2728KSM	DE-RD2733KSM	DE-RD2738KSM
3.00	DE-RD3009KSM	DE-RD3012KSM	DE-RD3015KSM	DE-RD3018KSM	DE-RD3024KSM	DE-RD3028KSM	DE-RD3033KSM	DE-RD3038KSM
3.50	DE-RD3509KSM	DE-RD3512KSM	DE-RD3515KSM	DE-RD3518KSM	DE-RD3524KSM	DE-RD3528KSM	DE-RD3533KSM	DE-RD3538KSM
4.00	DE-RD4009KSM	DE-RD4012KSM	DE-RD4015KSM	DE-RD4018KSM	DE-RD4024KSM	DE-RD4028KSM	DE-RD4033KSM	DE-RD4038KSM

Kaname®

CoCr Coronary Stent System

Bare Metal Stent



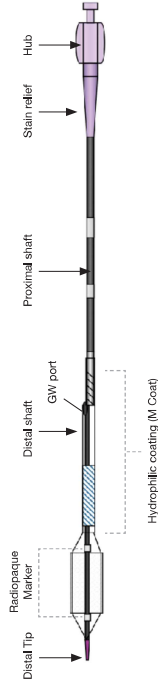
Kaname® CoCr Coronary Stent System is indicated for improving myocardial blood flow in patients with stenotic lesions in coronary arteries.

Cobalt chromium technology, thin struts and homogenous cell geometry provide conformability to the vessel wall and stent flexibility to treat the most difficult lesions.



Product Characteristics

- Homogenous cell geometry and thin struts provide stent flexibility and conformability to the vessel wall
- Low entry profile and the Rytujin™ Plus shaft enhance lesion access
- Open cell area provide wide side-branch access to treat bifurcation lesions
- Low compliant balloon for an optimal stent apposition



General Specifications

Stent material	Cobalt Chromium L605
Guidewire diameter	0.014" (0.36 mm)
Balloon material	Nylon elastomer
Nominal pressure	9 atm (91.1 kPa)
Rated burst pressure	16 atm (1621 kPa) for 2.5 to 3.0 mm 14 atm (1418 kPa) for 3.5 to 4.0 mm
Stent crossing profile	0.041" (1.04 mm) for 3.0 mm diameter
Usable length of catheter	145 cm

Item Specifications

Length (mm)	Diameter (mm)			
	2.50	2.75	3.00	3.50
9	CS-RD2598KW	CS-RD2709KW	CS-RD3009KW	CS-RD3509KW
12	CS-RD2512KW	CS-RD2712KW	CS-RD3012KW	CS-RD4012KW
15	CS-RD2515KW	CS-RD2715KW	CS-RD3015KW	CS-RD4015KW
18	CS-RD2518KW	CS-RD2718KW	CS-RD3018KW	CS-RD4018KW
24	CS-RD2524KW	CS-RD2724KW	CS-RD3024KW	CS-RD4024KW
28	CS-RD2528KW	CS-RD2728KW	CS-RD3028KW	CS-RD4028KW

Please quote above item reference code when placing an order

Tsunami® Gold

CORONARY STENT SYSTEM

Bare Metal Stent

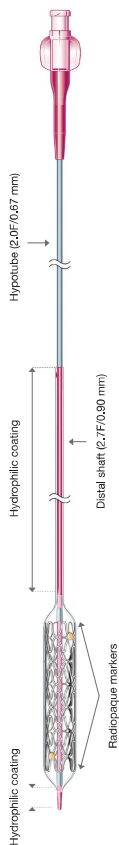


Tsunami® Gold Bare Metal Stent is intended for improving myocardial blood flow in patients with stenotic lesions in coronary arteries with a reference vessel diameter between 2.0 mm and 4.0 mm and up to 27 mm in length.

Tsunami® Gold is recognized as a proven treatment for coronary disease. Thin struts offer a very low crossing profile and radiopaque markers assure a precise positioning of the stent.

Product Characteristics

- Low crossing profile and low entry profile 0.017" (0.42 mm) provide crossability
- Complete range of sizes (available from 2.0 to 4.0 mm)
- Radiopaque markers for precise positioning
- Thin struts 80 µm



General Specifications

Stent material	316 L stainless steel
Guidewire diameter	0.014" (0.36 mm)
Balloon material	Nylon
Nominal pressure	10 atm (1013 kPa)
Rated burst pressure	14 atm (1418 kPa)
Stent crossing profile	0.038" (0.95 mm) - 3.0 mm
Usable length of catheter	145 cm

Item Specifications

Diameter (mm)	2.00	2.25	2.50	3.00	3.50	4.00
Length (mm)	CS-RA2008EWG	CS-RA2208EWG	CS-RA2508EWG	CS-RA3008FWG	CS-RA3508EWG	CS-RA4008EWG
8	CS-RA2010EWG	CS-RA2210EWG	CS-RA2510FWG	CS-RA3010FWG	CS-RA3510EWG	CS-RA4010EWG
10	CS-RA2013EWG	CS-RA2213EWG	CS-RA2513FWG	CS-RA3013FWG	CS-RA3513EWG	CS-RA4013EWG
13	CS-RA2015EWG	CS-RA2215EWG	CS-RA2515FWG	CS-RA3015FWG	CS-RA3515EWG	CS-RA4015EWG
15	CS-RA2018EWG	CS-RA2218EWG	CS-RA2518FWG	CS-RA3018FWG	CS-RA3518EWG	CS-RA4018EWG
18	CS-RA2020FWG	CS-RA2220FWG	CS-RA2520FWG	CS-RA3020FWG	CS-RA3520EWG	CS-RA4020EWG
20	CS-RA2023FWG	CS-RA2223FWG	CS-RA2523FWG	CS-RA3023FWG	CS-RA3523EWG	CS-RA4023EWG
23	CS-RA2025FWG	CS-RA2225FWG	CS-RA2525FWG	CS-RA3025FWG	CS-RA3525EWG	CS-RA4025EWG
25	CS-RA2030FWG	CS-RA2230FWG	CS-RA2530FWG	CS-RA3030FWG	CS-RA3530EWG	CS-RA4030EWG
30						

Please quote above item reference code when placing an order

LUNAWAVE®

Coronary Imaging Console



LUNAWAVE is an OCT* system to be used with a dedicated FastView OCT catheter for imaging and inspecting of coronary artery lumen and vessel surface layer.

LUNAWAVE is an advanced, intelligent, easy to use and reliable imaging system.

* OCT: Optical Coherence Tomography



Product Characteristics

- High quality image
- Instinctive 3D reconstruction with stent enhancement
- Dual screen review to compare pre and post treatment

Item Specifications

Console unit	Ordering code	Width	Height	Depth	Weight
MDU*	LW-10SG1 / LW-10SG3	476 mm 367 mm	1 550 mm 1 03 mm	810 mm 115 mm	120 kg 2 kg

Please quote above item reference code when placing an order
* Motor Drive Unit

FastView®

Coronary Imaging Catheter

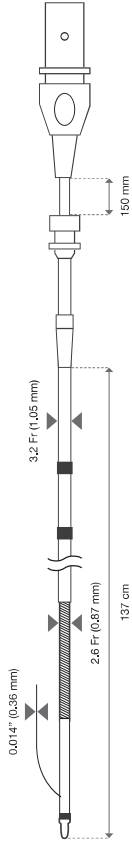


The Fastview catheter is an advanced, intelligent, easy to use and reliable imaging system.



Product Characteristics

- No need to flush. Plug and play system
- 2.6 Fr low profile catheter with proven hydrophilic coating enabling excellent trackability*
- Corrugated shaft and reinforcement coil to prevent kinking
- Short distance from lens to marker allows you to see exact lens position
- 150 mm pullback length for long vessel observation



Item Specifications

Ordering code	Profile	Sensor position from tip	GW diameter	Usable length	Saline priming	Pullback length
0P-16P2613	2.6 Fr	24 mm	0.014" (0.36 mm)	137 cm	No	15 cm

Please quote above item reference code when placing an order

IIIQIVL906P65-0521S

*Data on file. Tests performed by Terumo Corporation

Iberis®

Renal Denervation System



Radial access, the smart way to reach the target nerves, for the benefit of patients and physicians.



Product Characteristics

Safer, more sophisticated interventional procedure:

- By accessing via the radial artery, reaching the target renal arteries has become less complicated.
- By providing a highly flexible catheter, a safer and more sophisticated interventional procedure has evolved.
- As the procedure for accessing the renal arteries has become less-invasive, patients can be discharged from the hospital earlier.
- This innovative procedure places less burden on patients as well as physicians.

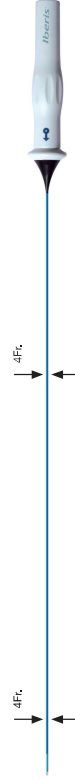
Safer and precise energy delivery:

- Integration of electrodes in one catheter section has helped in achieving a very safe energy delivery.
- The unique single point of contact energy delivery minimizes energy spread and allows physicians to target known areas of high nerve concentration.

Easy approach to the target artery:

- Use of a proprietary nickel-titanium shaft makes radial access possible allowing easy delivery of the catheter to the renal arteries.

Iberis® Renal Artery RF Ablation Catheter and Connecting cable



Item Specifications

Shaft Diameter	Usable Length	Reference Code
4 Fr / 1,33 mm	105 cm	RD-ATC105TC
4 Fr / 1,33 mm	155 cm	RD-ATC155TC

Contains connecting cable to generator

Iberis® Radio Frequency Generator



Item Specifications

Dimensions (height x width x depth)	Weight	Reference Code
15 cm x 32 cm x 43 cm	6.4 kg	RD-ATG008

Contains power cable and foot switch - Please contact Terumo representatives for country specific power cable.

Interventional Cardiology

Access & Diagnostics

- **Introducer Sheath:**
 - Radifocus® Introducer II Standard Kit
 - Radifocus® Introducer II Transradial Kit
 - Radifocus® Introducer II Pediatric Kit
 - Radifocus® Introducer II Sheath Accessories
 - GlideSheath® Slender®
- **Angiographic Catheter:**
 - Radifocus® Optitorque® Catheter
 - Outlook™ Catheter
- **Radial Artery Compression Device:**
 - TR Band®
- **Accessories:**
 - Radifocus® Torque Device
 - Radifocus® Hemostatic Valve
- **Balloon expandable transfemoral access system**
 - SoloPath™

Imaging Products

- **Console:**
 - Lumawave®
- **Catheter:**
 - FastView®

Renal Denervation System

- **Console & Catheter:**
 - Ibertis®

Stents

- **Drug Eluting Stent:**
 - Nobor®
 - Ultimaster®
- **Bare Metal Stent:**
 - Kaname®
 - Tsunami® Gold

PCI

- **PTCA Guiding Catheter:**
 - Heartcall® II
 - Climber®
- **PTCA Guidewire:**
 - Runthrough® NS
 - Crosswire® / Crosswire® NT
- **PTCA Balloon Catheter:**
 - Ryujin™ Plus
 - Ryujin™ Plus OTW
 - Tezuna®
 - Hiryu®
- **Aspiration Catheter:**
 - Eliminate™
- **Coronary Micro-Guide Catheter:**
 - Finecross® MG

Endovascular Intervention

Embolotherapy

- **Micro Guidewires:**
 - Radifocus® Guidewire GT with gold coil
- **Microcatheters:**
 - Progreat®
- **Microspheres:**
 - Lifepart®
- **Embolisation Coils:**
 - AZUP® Framing coil
 - AZUP® Peripheral HydroCoil®
 - AZUP® CX
- **Ablation system:**
 - MicroThermX®

Peripheral Intervention

- **Guiding Sheaths:**
 - Destination®
- **PTA Guidewires:**
 - Radifocus® GlideWire® Advantage™
 - Crosswire® / Crosswire® NT
 - Muse® Wire
- **PTA Dilatation Catheter:**
 - PX Muso®
 - Sentri®
 - Remma®
 - Tercross®
- **Peripheral Stents:**
 - Tsunami® Peripheral
 - Misago®
- **Support Catheter:**
 - Navicross®
- **Aspiration Catheter:**
 - Eliminate™
- **Carotid Artery Stent:**
 - Roadsaver®

Angiography

- **Guidewires:**
 - Radifocus® Guidewire M Standard type
 - Radifocus® Guidewire M Stiff type
 - Radifocus® Guidewire M with Radiopaque Tip Marker
 - Radifocus® Guidewire M Shapeable
 - Radifocus® Guidewire M Non-Vascular
 - Radifocus® Guidewire GT with gold coil
- **Introducer Sheaths:**
 - Radifocus® Introducer II Standard Kit
 - Radifocus® Introducer II Pediatric Kit
 - Radifocus® Introducer II Pediatric Kit
 - Radifocus® Introducer II Sheath Accessories
- **Angiographic Catheter:**
 - Standard catheter
 - Radifocus® Angiographic Catheter
 - Radifocus® Optitorque® Catheter
 - Outlook™ Catheter
 - Hydrophilic catheter
 - Radifocus® glidecath®
- **Radial Artery Compression Device:**
 - TR Band™
- **Accessories:**
 - Radifocus® Torque Device
 - Radifocus® Hemostatic Valve

Radifocus® Guidewire GT with gold coil

Micro guidewires

Radifocus® Guidewire GT with gold coil are Nitinol hydrophilic micro guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) for peripheral and cerebral procedures with improved navigability in distal and tortuous vessels.

Indicated for use for distal catheterization, selective and superselctive embolization in small, distal, angular and sensitive peripheral and neurological vasculature.



Product Characteristics

- Super elastic Nitinol core: excellent shape memory, greater flexibility, increased control in difficult cases. Prevents kinking for easier and faster catheter placement.
- Polyurethane radiopaque jacket: smooth surface minimizing blood adhesion to the wire, soft and atraumatic navigation. Includes tungsten salts for higher visibility.
- High visibility of the tip under fluoroscopy due to the distal gold coil.
- Small diameters and distal pre-shaped curves: superselctive access in distal and tortuous vessels.
- Extra flexible and non-traumatic tapered tip: increased guidewire flexibility, smooth and safe navigation through tortuous and difficult vessel structures.
- Extra hydrophilic ("M" polymer coating): smooth navigation through catheter and vessels (time savings to user). Prevents blood platelet adhesion and thrombus formation.
- One-piece construction: improved wire control through the vessel, true one-to-one torque transmission, easier, faster and safer navigation through both catheter and vessels.

General Specifications

Core material	Nitinol with distal 2 cm gold coil	
Radiopaque jacket	Polyurethane layer incorporating tungsten salts	
Hydrophilic coating	"M" polymer	
Guidewire diameters	0.012" (0.30 mm) / 0.016" (0.41 mm)	
Guidewire lengths	180 cm / 200 cm	
Distal flexible lengths	25 cm / 35 cm	
Distal curves	45° angled x 4 mm / 90° angled x 4 mm / 1.5 mm J curve / Double angulation 90° + 90° / Double angulation 90° + 150°	
Unit per box	1	

Item Specifications

Distal curve	Outer diameter	Length	Flexible length	Item reference
Angled 45° x 4 mm	0.012" / 0.30 mm	180 cm	25 cm	RG-GA 21BSM
Angled 90° x 4 mm	0.012" / 0.30 mm	180 cm	25 cm	RG-GEE 21BSM
Angled 1.5 mm J curve	0.012" / 0.30 mm	180 cm	25 cm	RG-GJ 21BSM
Double angled 90° + 150°	0.012" / 0.30 mm	180 cm	25 cm	RG-GW 21BSM
Angled 45° x 4 mm	0.016" / 0.41 mm	180 cm	25 cm	RG-GA 61BSM
Angled 45° x 4 mm	0.016" / 0.41 mm	180 cm	35 cm	RG-GA 61BFM
Angled 90° x 4 mm	0.016" / 0.41 mm	180 cm	35 cm	RG-GEE 61BFM
Double angled 90° + 150°	0.016" / 0.41 mm	180 cm	35 cm	RG-GW 61BFM
Double Angled 90° + 90°	0.016" / 0.41 mm	180 cm	25 cm	RG-GV 61BSM
Angled 45° x 4 mm	0.012" / 0.30 mm	200 cm	25 cm	RG-GA 22BSM
Angled 90° x 4 mm	0.012" / 0.30 mm	200 cm	25 cm	RG-GEE 22BSM
Angled 1.5 mm J curve	0.012" / 0.30 mm	200 cm	25 cm	RG-GJ 22BSM
Double angled 90° + 150°	0.012" / 0.30 mm	200 cm	25 cm	RG-GW 22BSM
Angled 45° x 4 mm	0.016" / 0.41 mm	200 cm	35 cm	RG-GA 62BFM
Angled 90° x 4 mm	0.016" / 0.41 mm	200 cm	35 cm	RG-GEE 62BFM
Double angled 90° + 150°	0.016" / 0.41 mm	200 cm	35 cm	RG-GW 62BFM

Please quote above item reference code when placing an order

Progreat®

Microcatheters



Progreat® are hyperselective hydrophilic braided radiopaque microcatheters for peripheral and extracranial procedures with excellent torque control, highly stable and for exceptional selectivity in embolization procedures.

Indicated for use for angiographic and intravascular therapy in peripheral and extracranial territories; infusion of contrast media into all vessels, for drug infusion in intra-arterial therapy and infusion of embolic materials for haemostasis in small, standard or large proximal or distal vessels.



Product Characteristics

- 3-layer shaft structure:
 - Inner layer in PTFE
 - Medium layer: radiopaque tungsten reinforcing coil
 - Outer layer: polyester elastomer and pigment with hydrophilic M Coat® polymer coating.
- Stability, distal flexibility and optimal pushability, outstanding resistance to kinking due to its braided structure (tungsten coil with variable pitch).
- Low friction, non traumatic, highly selective and superior navigability due to its hydrophilic coating, preventing blood platelet adhesion to the catheter's surface.
- Shapeable distal tip (catheter delivered with shaping mandrel).
- Available with one or two distal radio-opaque markers.
- Large compatibility with many embolic agents: coils, glue, microspheres, liquid embolic agents and DMSO as well as contrast media and chemo-embolization drugs.

General Specifications

Catheter Inner layer	PTFE
Catheter Medium layer	Radiopaque tungsten coil
Catheter Outer layer	Polyester elastomer and pigment M Coat® polymer
Hydrophilic coating	
Distal radiopaque marker (for some items)	One or two radiopaque markers of 0,7mm each
Catheters outer diameters	2,0 Fr (0,67 mm) / 2,4 Fr (0,80 mm) / 2,7 Fr (0,90 mm) / 2,8 Fr (0,93 mm)
Catheters inner diameters	0,019" (0,49 mm) / 0,022" (0,57 mm) / 0,025" (0,65 mm) / 0,027" (0,70 mm)
Catheters lengths	110 cm / 130 cm / 150 cm / 150 cm (150 cm for 2,4 Fr only)
Catheters maximum pressure	750 psi (5 171 kPa) / 900 psi (6 205 kPa)
Guidewire core material (for coaxial versions)	Nitinol
Guidewire outer layer material (for coaxial versions)	Polyurethane layer containing tungsten
Guidewire hydrophilic coating (for coaxial versions)	M Coat® polymer
Guidewire distal marker (for coaxial versions)	3 cm gold coil
Guidewire diameters (for coaxial versions)	0,021" (0,53 mm) (available only for coaxial Progreat®)
Guidewire lengths (for coaxial versions)	120 cm / 140 cm
Guidewire protruding length from catheter (for coaxial versions)	10 cm maximum
Catheter distal curve	Straight (shapeable) / 90° / 90° (90° for 2,4 Fr only)

LifePearl®

Drug-Elutable Beads for embolisation



Terumo Interventional Oncology Division Introduces LifePearl®, a precise answer to a challenge in Interventional Oncology.



Product Characteristics

NEW FORMULATION

Polyethylene Glycol (PEG) makes LifePearl® more resilient to stress & attrition:

- Hydrophilic material > Compressibility, elasticity and catheter deliverability
- Addition of SPAC (sulfonate bonding) allows LifePearl® > drug retention and release inside the liver

TIGHT CALIBRATION²

Allows a more controlled chemoembolisation:

- Precise calibration (100, 200, 400 µm presentations)
- Optimised compressibility
- Good resilience therefore fewer sub-sized embolic particles > Accurate and effective occlusion with reduced risk of non-target embolisation

ENHANCED SUSPENSION CHARACTERISTICS³

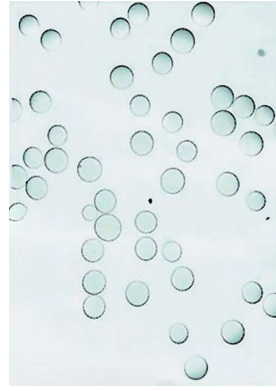
PEG material minimises time to suspension while maximising time in suspension:

- Drug loaded LifePearl stays longer in suspension

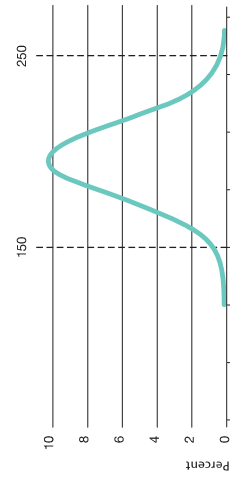
SYRINGE PRESENTATION

- Delivered with color-coded labels for easy use and identification.

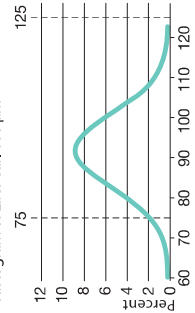
Less than 1% microspheres showed any observable damage in standardisation testing.



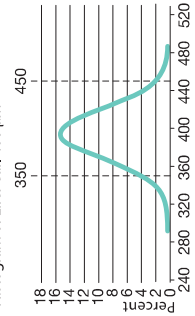
Histogram of LifePearl 200 µm



Histogram of LifePearl 100 µm



Histogram of LifePearl 400 µm



Item Specifications

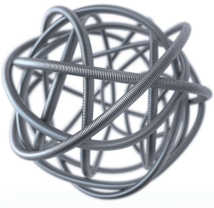
Description	Outer Diameter	Length	Inner Diameter	Compatible guidewire	Distal marker	Maximum pressure	Dead Volume (hub + catheter)	Coils compatibility	PVA particles compatibility	Micro-spheres Compatibility	Item reference
Progress® Alpha 2.0 Fr Radiopaque marker	2.0 Fr / 0.67 mm	130 cm	0.019" / 0.48 mm	0.016" / 0.41 mm	0.7 mm length / 0.7 mm from distal end	750 psi / 5171 kPa	0.43 ml	—	to 300 µm	to 300 µm	MC-PC2013
Progress® Alpha 2.0 Fr Radiopaque marker	2.0 Fr / 0.67 mm	150 cm	0.019" / 0.48 mm	0.016" / 0.41 mm	0.7 mm length / 0.7 mm from distal end	750 psi / 5171 kPa	0.46 ml	—	to 300 µm	to 300 µm	MC-PC2015
Progress® 2.4 Fr Radiopaque marker	2.4 Fr / 0.80 mm	130 cm	0.022" / 0.57 mm	0.018" / 0.46 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm recommended	0.7 mm length / 0.7 mm from distal end	750 psi / 5171 kPa	0.53 ml	Pushable & Deattachable to 0.018"	to 500 µm	to 700 µm	MC-PC2413
Progress® 2.4 Fr	2.4 Fr / 0.80 mm	130 cm	0.022" / 0.57 mm	0.018" / 0.46 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm recommended	—	750 psi / 5171 kPa	0.53 ml	Pushable & Deattachable to 0.018"	to 500 µm	to 700 µm	MC-PC2413
Progress® Angled 2.4 Fr	2.4 Fr / 0.80 mm	130 cm	0.022" / 0.57 mm	0.018" / 0.46 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm recommended	—	750 psi / 5171 kPa	0.53 ml	Pushable & Deattachable to 0.018"	to 500 µm	to 700 µm	MC-PC2413
Progress® 2.4 Fr	2.4 Fr / 0.80 mm	150 cm	0.022" / 0.57 mm	0.018" / 0.46 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm recommended	—	750 psi / 5171 kPa	0.58 ml	Pushable to 0.018"	to 500 µm	to 700 µm	MC-PC2415
Progress® 2.4 Fr 2 Radiopaque markers	2.4 Fr / 0.80 mm	150 cm	0.022" / 0.57 mm	0.018" / 0.46 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm 0.016" / 0.41 mm recommended	2 markers / 0.7 mm length / 0.7 mm from spaced by 3 cm	750 psi / 5171 kPa	0.58 ml	Pushable & Deattachable to 0.018"	to 500 µm	to 700 µm	MC-PC2415Y
Progress® 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	110 cm	0.025" / 0.65 mm	0.021" / 0.53 mm	Guidewire with 3 cm gold coil	750 psi / 5171 kPa	0.57 ml	Pushable & Deattachable to 0.018"	to 700 µm	to 900 µm	MC-PP27111
Progress® 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	130 cm	0.025" / 0.65 mm	0.021" / 0.53 mm	Guidewire with 3 cm gold coil	750 psi / 5171 kPa	0.64 ml	Pushable & Deattachable to 0.018"	to 700 µm	to 900 µm	MC-PP27131
Progress® 0.28 Fr	2.8 Fr / 0.83 mm	130 cm	0.027" / 0.70 mm	0.021" / 0.53 mm and less	—	900 psi / 6205 kPa	0.88 ml	Pushable & Deattachable to 0.018"	to 700 µm	to 900 µm	MC-PC2813
Progress® 0.28 Fr Coaxial Radiopaque marker	2.8 Fr / 0.83 mm	130 cm	0.027" / 0.70 mm	0.021" / 0.53 mm and less	0.7 mm length / 0.7 mm from spaced by 3 cm gold coil	900 psi / 6205 kPa	0.88 ml	Pushable & Deattachable to 0.018"	to 700 µm	to 900 µm	MC-PE2813ZB
Progress® 0.28 Fr 2 Radiopaque markers	2.8 Fr / 0.83 mm	150 cm	0.027" / 0.70 mm	0.021" / 0.53 mm and less	2 markers / 0.7 mm length / 0.7 mm from spaced by 3 cm	900 psi / 6205 kPa	0.88 ml	Pushable & Deattachable to 0.018"	to 700 µm	to 900 µm	MC-PP2815Y

Please quote above item reference codes when placing an order. Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

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AZUR[®] Framing Coil

Embolization coils



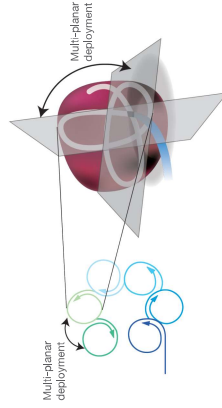
AZUR[®] Framing coil is a platinum coil that offers a three-dimensional shape to cover the aneurysm wall or the inner lumen of an artery.

This coil is intended to give greater stability and safety in challenging situations such as wide neck aneurysm or high flow territories.



Product Characteristics

- Reduces compartmentalization and provides greater coverage with a three-dimensional approach to embolization
- Provides even distribution of coil loops at the lesion
- No time restriction for repositioning
- Longer coils for added stability (up to 50 cm)
- Conforms to diverse morphologies
- Facilitates placement of multiple consecutive framing coils
- Each successive loop gently rotates course, changing direction as it is deployed



General Specifications

Core material	Platinum
Delivery type	Electromechanical detachment
Coating	None
Coil diameter	0.018" (0.46 mm)
Delivery wire length	175 cm
Catheter compatibility	Microcatheter – 0.021" inner lumen

Item Specifications

Loop diameter (mm)	Length (cm)	Item reference
8	20	45-680820
10	26	45-681026
14	34	45-681434
20	50	45-682050

Please quote above item reference codes when placing an order

General Specifications

Easy to use format	Color-coded labels for easy use and identification
Volume of microspheres	2 ml
Volume of PBS	4 ml

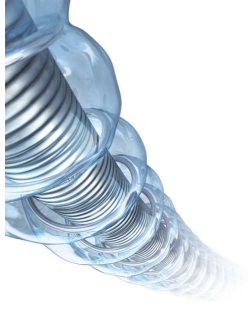
Item Specifications

Loop size	Colour	Item reference
100 ± 25 µm	Black	8LP2S100
200 ± 50 µm	Yellow	8LP2S200
400 ± 50 µm	Blue	8LP2S400

Please quote above item reference codes when placing an order

AZUR® Peripheral HydroCoil®

Embolization coils



AZUR® peripheral HydroCoil® embolization system combines a platinum coil and an expandable hydrogel polymer. The hydrogel coating expands in the direction of less resistance to fill space when introduced into the bloodstream.



Product Characteristics

Expanding Hydrogel technology that delivers:

- Permanent mechanical occlusion with less reliance on thrombus formation
- Improved volume filling, packing density, and occlusion efficacy
- Mechanical stability
- Increased delivery control and long-term durability

AZUR® detachable system:

- First detachable system dedicated to peripheral use
- Can be retracted and repositioned, reducing the risk of migration
- Detached in less than one second at the push of a button

AZUR® pushable system has been designed to be pushed by a wire without the need of a dedicated coil pusher.



Detachable system

General Specifications

Coil type	Gaitheter / Microcatheter	Max length
AZUR® Detachable 18	0.027" (0.53 mm)	150 cm
AZUR® Detachable 35	0.038" (0.97 mm)	150 cm

Item Specifications

System	Loop (mm)	Length (cm)							
		2	4	5	10	15	20	30	
0.018" AZUR® Detachable 18	2	45-480202	45-480204	—	—	—	—	—	—
	3	45-480302	—	45-480305	45-480310	—	—	—	—
	4	—	—	45-480405	45-480410	45-480415	45-480420	—	—
	6	—	—	—	45-480610	45-480615	45-480620	—	—
0.035" AZUR® Detachable 35	8	—	—	—	45-480810	45-480815	45-480820	—	—
	10	—	—	—	45-481010	45-481015	45-481020	—	—
	12	—	—	—	—	45-481215	45-481220	—	—
	15	—	—	—	—	45-481515	45-481520	45-481530	—
20	—	—	—	—	—	45-482020	45-482030	—	—
0.035" AZUR® Detachable 35	3	—	—	45-480305	—	—	—	—	—
	4	—	—	45-480405	45-480410	45-480415	—	—	—
	5	—	—	45-480505	45-480510	45-480515	—	—	—
0.035" AZUR® Detachable 35	6	—	—	—	45-480610	45-480615	45-480620	—	—
	8	—	—	—	45-480810	45-480815	45-480820	—	—
	10	—	—	—	—	45-481015	45-481020	—	—
	12	—	—	—	—	45-481215	45-481220	45-481230	—
15	—	—	—	—	—	45-481520	45-481530	—	—
20	—	—	—	—	—	45-482020	45-482030	—	—

Product description

AZUR® Detachment Controller for use with Detachable System – Pack of 5 units

Item reference

45-4001

Please quote above item reference codes when placing an order.



AZUR[®] CX

Embolization coils



Introducing a new and unique concept.
The first and only peripheral HydroCoil[®] with cross-sectional coverage and the benefits of patented hydrogel technology, allowing more control in high-flow areas.



Product Characteristics

Cross-sectional coverage

- Complex shape with variable diameter loops for optimal coverage in high-flow areas
- Smaller first loop to ease coil placement in tortuous anatomy

Soft, flexible design

- Second generation Hydrogel technology on coil interior to enhance softness profile
- Solid coil core to increase volume fill

Ease of deployment

- AZUR Detachment System to deliver precise positioning and placement
- Progress Double Marker Microcatheter System to enhance visibility during detachment

Item Specifications

Detachable 0.018" system / pack of 1		
Product code	Loop diameter	Length**
45-780413	4 mm	13 cm
45-780516	5 mm	16 cm
45-780620	6 mm	20 cm
45-780724	7 mm	24 cm
45-780828	8 mm	28 cm
45-780928	9 mm	32 cm
45-781032	10 mm	38 cm
45-781238	12 mm	38 cm
45-781434	14 mm	34 cm
45-781639	16 mm	39 cm
45-781836	18 mm	36 cm
45-782040	20 mm	40 cm

0.018" = 0.46mm

** Length is calculated from the tip of the coil to the point of connection with the pusher wire when the coil is straight.

Coil type	Microcatheter ID requirements		Repositioning time
	Inches	Millimeters	
AZUR CX	0.021 - 0.027	0.53 - 0.69	30 minutes

Detachment controller for use with detachable systems / pack of 5	
Product code	Product description
45-4001	AZUR detachment controller

Please quote above item reference codes when placing an order

General Specifications

Coil type	Catheter / Microcatheter	Max length
AZUR [®] Pushable 18	0.021" - 0.022" (0.53 - 0.56 mm)	N/A
AZUR [®] Pushable 35	0.041" - 0.047" (1.04 - 1.19 mm)	N/A

Item Specifications

System	Loop (mm)	Length (cm)							
		2	4	6	10	14	20		
0.018"	2	45-280202	—	—	—	—	—	—	—
	3	45-280302	45-280304	—	—	—	—	—	—
	4	45-280402	45-280404	45-280406	—	—	—	—	—
	5	—	45-280504	45-280506	45-280510	45-280514	—	—	—
AZUR [®] Pushable 18	6	—	45-280610	45-280616	45-280620	45-280624	—	—	—
	8	—	45-280810	45-280814	45-280820	45-280824	—	—	—
	10	—	45-281014	45-281018	45-281024	—	—	—	—
0.035"	4	—	45-250404	45-250406	—	—	—	—	—
	5	—	—	45-250506	45-250510	—	—	—	—
	6	—	—	—	45-250610	45-250614	—	—	—
AZUR [®] Pushable 35	8	—	—	—	45-250810	45-250814	45-251020	—	—
	10	—	—	—	—	45-251014	45-251520	—	—
	15	—	—	—	—	45-251514	45-251520	—	—
	16	—	—	—	—	45-251620	—	—	—

Please quote above item reference codes when placing an order

MICROTHERM[®]

Microwave Ablation System



The MicroTherm[®] microwave ablation system consists of a generator and pump attached to a mobile cart or tabletop stand and SynchroWave antennas with cooling circuit.

The MicroTherm[®] microwave ablation system delivers microwave energy for coagulation (ablation) of soft tissue. The SynchroWave antennas may be used in open surgical as well as percutaneous ablation procedures.



Product Characteristics

Make it Simple

- Easy to set up
- Small and light generator able to plug up to 3 antennas
- Allows flexibility in antenna placement
- Reduced risk of skin burns

Be more Powerful

- Microwave allows faster treatments than Radiofrequency ablation (RFA)
- Greater necrosis volume than RFA

Act Safer

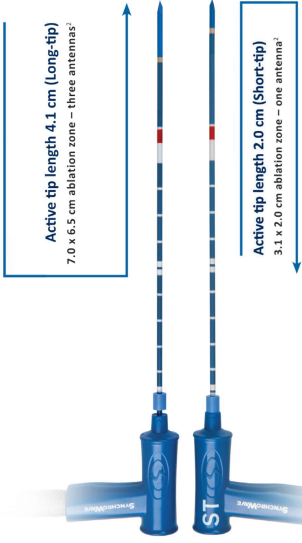
- Better than RFA because it is not affected by heat sink effect ($p < 0.0001$)
- More predictable and reproducible area of necrosis than 2.4 GHz microwave ($p = 0.002$)
- More consistent area of necrosis-synchronous technology
- Lower recurrence rate than RFA

MicroTherm[®] Generator:

- MicroTherm[®] wheeled cart or T2 tabletop version available
- Synchronous Wave Alignment™ technology
- One small generator; up to three (3) simultaneous antenna capability
- Intuitive, easy touch screen interface
- Set up time less than 2 minutes
- Wavelength at 915 MHz with Synchronous Wave Alignment™ for deep penetration into tissue – Margins Matter!
- Compact size, lightweight

SynchroWave Antenna:

- Sharp trocar tip
- Tip easily seen under ultrasound and CT
- Scalable ablation zones of necrosis for small and large ablations
- Temperature sensor detects shaft overheating, helps prevent skin burns
- 14 gauge (2.13 mm)
- Metallic shaft and tip for strength and torquability
- Non-parallel placement for procedural flexibility
- Internal cooling helps prevent shaft from overheating and skin burns
- Lightweight, flexible cord, 9 ft. (2.7 m)
- Cooling circuit included in antenna package



MicroThermX® Generator Specifications

Operating Voltage	100 to 240 volts AC, 50/60 cycle
Microwave Power Output	180 watts maximum (60 watts max. per channel), continuous wave
Microwave Frequency	915 MHz
Power Cord Length	14.3 ft (4.4 m)

SynchroWave Antennas Specifications

Maximum Power Output	60 watts per antenna
Antenna Cable Length	9 ft (2.7 m) minimum
Shaft Dimensions	Outer Diameter 14 gauge (2.13 mm)
Active tip length	Short tip 2.0 cm, long tip 4.1 cm

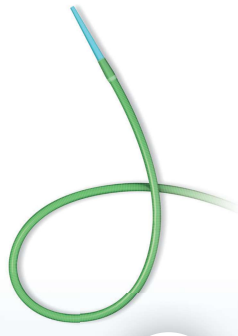
TempSure Specifications

Description	Single point thermistor sensor - Pre-calibrated
Shaft Dimensions	Outer Diameter 18 gauge (1.27 mm)
Measurement Range	30.0°C to 80.0°C
Accuracy	+/- 1.0°C from 30.0°C to 55.0°C +/- 2.0°C from 55.0°C to 80.0°C

Item Specifications

Name	Description	Dimensions (W x D x H)	Weight	Reference
MicroThermX® Microwave Ablation System	Cart Configuration: Generator/Cart/Pump, Europe	18" (46 cm) x 21" (53 cm) x 50" (127 cm)	67 lbs (30.4 kg)	MTX-180E
MicroThermX® Microwave Ablation System T2	Tabletop Configuration: Generator/Pump, Europe	12" (30 cm) x 13" (33 cm) x 22" (56 cm)	40 lbs (18 kg)	MTX-180-T2-E
SynchroWave LT Antenna	Active Tip 4.1 cm, 14 ga., 15 cm, 1 Per Tray	—	—	SW-1415
SynchroWave LT Antenna	Active Tip 4.1 cm, 14 ga., 20 cm, 1 Per Tray	—	—	SW-1420
SynchroWave LT Antenna	Active Tip 4.1 cm, 14 ga., 25 cm, 1 Per Tray	—	—	SW-1425
SynchroWave ST Antenna	Active Tip 2.0 cm, 14 ga., 15 cm, 1 Per Tray	—	—	SWST-1415
SynchroWave ST Antenna	Active Tip 2.0 cm, 14 ga., 20 cm, 1 Per Tray	—	—	SWST-1420
TempSure Temperature Sensor	Temperature Sensor, 20 cm, 1 Per Tray	—	—	TS-20

Please quote above item reference codes when placing an order



Destination®

Peripheral Guiding Sheath



Destination® Guiding Sheath is designed to perform as a guiding catheter and an introducer sheath.

Destination® is designed to be used for the introduction of interventional and diagnostic devices into the human vasculature, including but not limited to lower extremity, renal arteries, and carotid arteries.

Product Characteristics

- Coil reinforcement inside the sheath which provides high anti-kinking characteristics
- Hydrophilic coating at the distal part of the sheath for good trackability
- Secured hemostasis tailored by Terumo's unique cross-cut valve (CCV items)
- PTFE inner layer which provides smooth device passage
- 5 different tip configurations available

General Specifications

Maximum guidewire size	0.038" / 0.97 mm
Radioopaque marker	Gold coil marker at 5 mm from the distal tip of the sheath
Reinforcement inside the sheath	Stainless steel coil
Sheath inner layer	PTFE polytetrafluoroethylene

Item Specifications

Inner diameter	Length	Shape	Valve	Hydrophilic coating length	Item reference
5 Fr / 0.076" / 1.9 mm	45 cm	Straight	CCV*	5 cm	GS*FSST1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Hockey stick	CCV	5 cm	GS*FSHS1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Multipurpose	CCV	5 cm	GS*FMFP1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Renal Double Curve	CCV	5 cm	GS*FRDC1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Left Internal Mammary Artery	CCV	5 cm	GS*FLM1C45
6 Fr / 0.087" / 2.2 mm	45 cm	Straight	CCV	5 cm	RSR01
6 Fr / 0.087" / 2.2 mm	45 cm	Hockey stick	CCV	5 cm	RSR02
6 Fr / 0.087" / 2.2 mm	45 cm	Multipurpose	CCV	5 cm	RSR03
6 Fr / 0.087" / 2.2 mm	45 cm	Renal Double Curve	CCV	5 cm	RSR13
6 Fr / 0.087" / 2.2 mm	45 cm	Left Internal Mammary Artery	CCV	5 cm	RSR14
7 Fr / 0.101" / 2.5 mm	45 cm	Straight	CCV	5 cm	RSR04
7 Fr / 0.101" / 2.5 mm	45 cm	Hockey stick	CCV	5 cm	RSR05
7 Fr / 0.101" / 2.5 mm	45 cm	Multipurpose	CCV	5 cm	RSR06
7 Fr / 0.101" / 2.5 mm	45 cm	Renal Double Curve	CCV	5 cm	RSR15
7 Fr / 0.101" / 2.5 mm	45 cm	Left Internal Mammary Artery	CCV	5 cm	RSR16
8 Fr / 0.115" / 2.9 mm	45 cm	Straight	CCV	35 cm	54-46501
6 Fr / 0.087" / 2.2 mm	65 cm	Straight	CCV	35 cm	RSR01
7 Fr / 0.101" / 2.5 mm	65 cm	Straight	CCV	35 cm	RSR02
8 Fr / 0.115" / 2.9 mm	65 cm	Straight	CCV	35 cm	54-86501
5 Fr / 0.076" / 1.9 mm	90 cm	Straight	TBV**	15 cm	GS*KSST1T90B
5 Fr / 0.076" / 1.9 mm	90 cm	Multipurpose	TBV	15 cm	GS*KSMP1T90B
5 Fr / 0.076" / 1.9 mm	90 cm	Straight	CCV	15 cm	GS*KSST1C90B
5 Fr / 0.076" / 1.9 mm	90 cm	Multipurpose	CCV	15 cm	GS*KSMP1C90B

*CCV = cross-cut valve, **TBV = Tuohy-Burst Valve.

Inner diameter	Length	Shape	Valve	Hydrophilic coating length	Item reference
6 Fr / 0.087" / 2.2 mm	90 cm	Straight	TBV	15 cm	RS001
6 Fr / 0.087" / 2.2 mm	90 cm	Multipurpose	TBV	15 cm	RS003
6 Fr / 0.087" / 2.2 mm	90 cm	Straight	CCV	15 cm	RS005
6 Fr / 0.087" / 2.2 mm	90 cm	Multipurpose	CCV	15 cm	RS007
7 Fr / 0.101" / 2.5 mm	90 cm	Straight	TBV	15 cm	RS002
7 Fr / 0.101" / 2.5 mm	90 cm	Multipurpose	TBV	15 cm	RS004
7 Fr / 0.101" / 2.5 mm	90 cm	Straight	CCV	15 cm	RS006
7 Fr / 0.101" / 2.5 mm	90 cm	Multipurpose	CCV	15 cm	RS008
8 Fr / 0.115" / 2.9 mm	90 cm	Straight	CCV	60 cm	54-89001
8 Fr / 0.115" / 2.9 mm	90 cm	Straight	TBV	60 cm	54-89006

All diameters are 0.038" (0.97 mm) wire compatible
Please quote above item reference codes when placing an order

Radifocus® GlideWire® Advantage™

Peripheral guidewire

Radifocus® GlideWire Advantage™ are hybrid extra-stiff Nitinol hydrophilic guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) for peripheral procedures.

Indicated for use for standard angiography procedures in peripheral territories, catheterization, embolization, peripheral angioplasty and stenting (with or without exchange wire) in narrow and tortuous vessels.

Product Characteristics

- Super elastic Nitinol core: excellent shape memory, greater flexibility, increased control in difficult cases. Prevents kinking for an easier and faster catheter placement.
- Dual hybrid structure which allows 2 jobs with one wire: cross the lesion and support the interventional device delivery. No wire exchange, lower complications risk, shorter procedure and fluoroscopy time.
- Extra stiff proximal core shaft with spiral PTFE polytetrafluoroethylene coating, provide sufficient device support and very smooth sliding characteristics even in complex anatomies.
- 25 cm distal part: standard Terumo Radifocus® hydrophilic guidewire, smooth surface minimizing blood adhesion. Allows soft atraumatic navigation and delivery to the lesion. Exclusive Terumo M Coat polymer: smooth distal navigation (no friction) through catheter and vessels (time savings to user).
- Proximal and distal shafts connected seamlessly with unique DuoCore™ using technology for a smooth transition and navigation through vessels.
- Rounded end: decreased likelihood of vessel trauma, smoother wire insertion.
- High visibility of the tip due to the distal gold marker (for 0.014" and 0.018").

General Specifications

Core material	Nitinol
Proximal part	155 cm / 235 cm / 275 cm spiral PTFE coated shaft
Distal radiopaque jacket	25 cm Polyurethane layer containing tungsten
Distal hydrophilic coating	"M" polymer (M Coat®)
Guidewire diameter	0.014" (0.36 mm) / 0.018" (0.46 mm) / 0.035" (0.89 mm)
Guidewire lengths	180 cm / 260 cm / 300 cm
Distal flexible length	Tapered 10 mm or 50 mm
Distal hydrophilic coated part length	25 cm

Item Specifications

Product code	Shaft	Tip coil marker	Wire diameter	Overall length	Proximal spiral PTFE coating length	Distal hydrophilic coated length	Flexible tip length (taper)	Tip figure
RA*FA14181CM	Extra stiff	Yes	0.014" / 0.36 mm	180 cm	155 cm	25 cm	1 cm	Angled
RA*FA14301CM	Extra stiff	Yes	0.014" / 0.36 mm	300 cm	275 cm	25 cm	1 cm	Angled
RA*FA18181CM	Extra stiff	Yes	0.018" / 0.46 mm	180 cm	155 cm	25 cm	1 cm	Angled
RA*FA18301CM	Extra stiff	Yes	0.018" / 0.46 mm	300 cm	275 cm	25 cm	1 cm	Angled
RA*CA35185CM	Extra stiff	No	0.035" / 0.89 mm	180 cm	135 cm	25 cm	5 cm	Angled
RA*CA35265CM	Extra stiff	No	0.035" / 0.89 mm	260 cm	235 cm	25 cm	5 cm	Angled
RA*CS35185CM	Extra stiff	No	0.035" / 0.89 mm	180 cm	155 cm	25 cm	5 cm	Straight
RA*CS35265CM	Extra stiff	No	0.035" / 0.89 mm	260 cm	235 cm	25 cm	5 cm	Straight

Please quote above item reference code when placing an order

RS001/RS003/RS005/RS007/RS002/RS004/RS006/RS008/54-89001/54-89006

RS001/RS003/RS005/RS007/RS002/RS004/RS006/RS008/54-89001/54-89006

Crosswire[®] NT

Crosswire[®] NT

Peripheral guidewire



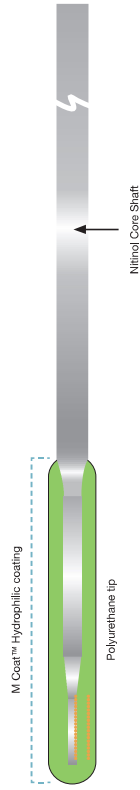
Crosswire[®] NT is a guidewire used in PCI to guide devices such as stents or PTCA balloon catheters. It is also used in peripheral vessels such as percutaneous transluminal angioplasty.

Crosswire[®] is designed for CTO- lesions featuring moderate support, polyurethane distal part with Terumo's hydrophilic coating and Nickel-Titanium alloy (Nitinol) single core.



Product Characteristics

- Nitinol single core shaft for enhanced direct torque and penetration force
- Terumo hydrophilic coating M Coat[™] for improved crossing performance



Item Specifications

Product name	Item reference	Total length	Diameter	Radiopaque length	Hydrophilic coating	Tip shape
Crosswire [®] NT	CW*NS141ESM	180 cm	0,014" (0,36 mm)	2 cm	40 cm	Straight
Crosswire [®]	CW*NS141ESM	180 cm	0,014" (0,36 mm)	3 cm	180 cm	Straight
Crosswire [®] 40	CW*NS1419HAM	180 cm	0,014" (0,36 mm)	3 cm	180 cm	Straight
Crosswire [®] 80	CW*NS1418HAM	180 cm	0,014" (0,36 mm)	3 cm	180 cm	Straight

Please quote above item reference code when placing an order

MUSO® WIRE

Peripheral guidewire



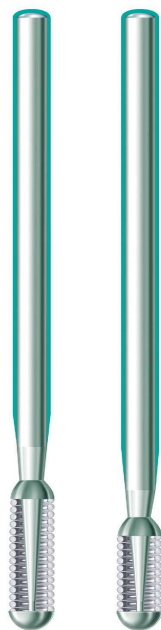
The Muso® Wire has a radiopaque spring coil that provides good visibility and shapeability.

Muso® Wire is indicated to be used in percutaneous angioplasty procedures to guide balloon dilatation catheters or stent systems to the target blood vessel or the target artificial graft in other than cerebral, carotid, or cardiac segment.



Product Characteristics

- Low profile; 0.018" (0.46 mm) outer diameter
- Excellent device delivery support due to its firm shaft stiffness
- Floppy distal tip minimizes the risk of vessel perforation
- Radiopaque spring coil at the distal part
- Two different taper lengths available



General Specifications

Guidewire outer diameter	0.018" / 0.46 mm
Guidewire length	190 cm
Tip configuration	Straight (Sharpable)
Core shaft material	Stainless steel
Spring coil material	Stainless steel and Pt-Ni alloy
Surface coating	PTFE (proximal shaft) / Silicone (distal part)

Item Specifications

Tapered tip (mm)	Spring coil (mm)	Item reference
130	75	PW-SF181BL/S
90	55	PW-SF181PRS

Please quote above item reference codes when placing an order

RX Muso®

PTA dilatation catheter

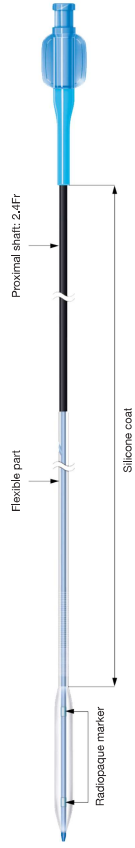


RX Muso® is a PTA balloon dilatation catheter, intended to be used for the treatment of stenotic or occlusive lesions in various arteries excluding coronary, cervical and cerebral vessels, to improve the blood flow.



Product Characteristics

- Low profile RX PTA balloon 0,018" (0,46 mm) guidewire compatible
- Semi compliant balloon for wider applicability
- Two catheter length variations available



General Specifications

Ballon material / folding	Polyamide / Hi-fold
Nominal pressure	4 mm and 5 mm balloon : 6 atm 6 mm and 7 mm balloon : 4 atm
Rated burst pressure	4 mm and 5 mm balloon : 14 atm 6 mm and 7 mm balloon : 12 atm
Entry profile	0,65 mm
Outer diameter (Distal shaft)	3,6 Fr / 1,2 mm
Outer diameter (Hypotube)	2,4 Fr / 0,8 mm
Minimum sheath size	5 Fr / 1,7 mm
Minimum guiding catheter size	6 Fr (0,067" / 1,70 mm)
Usable length of catheter	80 cm / 150 cm
Ballon length	20 mm

Item Specifications

Ballon diameter (mm)	Catheter length (cm)
4	90
	BD-R402015N
	BD-R602015N
5	BD-R502015N
	BD-R602015N
6	BD-R602015N
	BD-R702015N
7	BD-R702015N

Please quote above item reference codes when placing an order

Senri®

PTA balloon dilatation catheter

Low Profile PTA Balloon combining Finesse and Pushability. Senri is a Percutaneous Transluminal Angioplasty (PTA) Balloon Dilatation Catheter for peripheral indications. It is designed specifically for the dilatation of stenosis in arteries, veins, or artificial blood vessels in regions other than cephalic, cervical and cardiac vessels.



Product Characteristics

Low profile semi-compliant balloon, hydrophilic coated

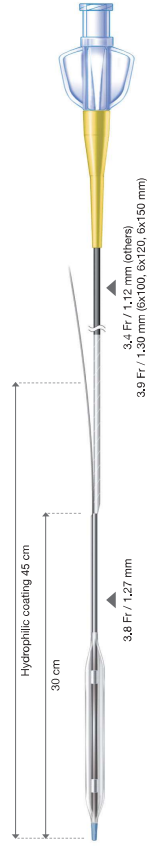
- Featuring an extremely low crossing profile, by a 3-folded (ø3.0-6.0mm) and 4-folded (ø7.0-8.0mm) balloon with high flexibility for successful crossability and superior trackability.
- The distal 45 cm catheter segment is hydrophilic coated for swift and easy navigation, even through complex anatomy.

Dedicated shaft design

- Combines the pushability of a stainless steel hypotube shaft with the kink resistance of a polymer shaft, even for cross-over procedures in sharp angulated bifurcations.
- Maintains very fast deflation times.

Broad range of sizes

- Balloon diameters from 2-8mm and lengths up to 150mm - suitable for a great variety of peripheral interventional procedures.



General Specifications

Balloon material	Polyamide
Balloon folding	2 mm to 6 mm balloons: 3-folded - 7 mm and 8 mm balloons: 4-folded
Maximum guidewire	0.018" (0.46 mm)
Effective catheter length	150 cm
Nominal pressure	8 atm / 81.1 kPa
Rated burst pressure	0 2-7 mm: 14 atm / 141.9 kPa 0 8 mm: 12 atm / 121.6 kPa

Minimum sheath size / Minimum guiding catheter

Balloon diameter (mm)	Compatible sheath (Fr / mm)	Compatible guide catheter (Fr / mm)
2, 3, 4, 5, 6x40 mm	4 Fr / 1.33 mm	6 Fr / 2.0 mm
6 mm (excl. 6x40 mm), 7 mm	5 Fr / 1.67 mm	7 Fr / 2.33 mm
8 mm	6 Fr / 2.0 mm	8 Fr / 2.67 mm

Item Specifications

Balloon diameter (mm)	Balloon length (mm)							
	40	60	80	100	120	150		
2	BD-S2040L	BD-S2060L	BD-S2080L	BD-S20100L	BD-S20120L	BD-S20150L		
3	BD-S3040L	BD-S3060L	BD-S3080L	BD-S30100L	BD-S30120L	BD-S30150L		
4	BD-S4040L	BD-S4060L	BD-S4080L	BD-S40100L	BD-S40120L	BD-S40150L		
5	BD-S5040L	BD-S5060L	BD-S5080L	BD-S50100L	BD-S50120L	BD-S50150L		
6	BD-S6040L	BD-S6060L	BD-S6080L	BD-S60100L	BD-S60120L	BD-S60150L		
7	BD-S7040L	BD-S7060L	BD-S7080L	BD-S70100L	BD-S70120L	BD-S70150L		
8	BD-S8040L	BD-S8060L	BD-S8080L	BD-S80100L	BD-S80120L	BD-S80150L		

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Renma®

PTA balloon dilatation catheter



The first Rapid exchange workhorse PTA Balloon. Renma® is a Percutaneous Transluminal Angioplasty (PTA) Balloon Dilatation Catheter for peripheral indications.

The Renma® (PTA) Dilatation Catheter is recommended for pre- and post balloon dilatation of stenotic or occlusive lesions in iliac arteries, femoro-popliteal arteries, renal arteries, or native or synthetic arteriovenous dialysis fistulae.

Product Characteristics

Unique 0.035" RX design

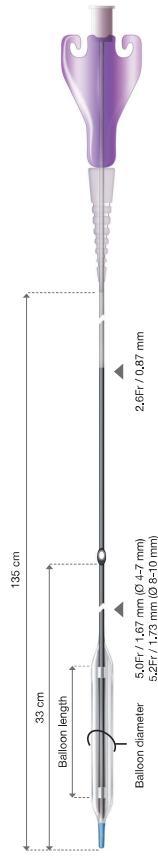
- Rapid exchange offers a faster and more convenient exchange of devices, saves radiation dose and enables the use of short guidewires
- Perfect match with self-expanding peripheral stent Misago® as well in RX design

Semi-compliant 6-folded balloon with SILX® coating

- Featuring a low crossing profile and optimal re-folding for large diameters (Ø 7-10mm)
- SILX® coating for smooth trackability, and safe retrieval after multiple inflations

Dedicated shaft design

- Combines the pushability of a stainless steel hypotube shaft with the kink resistance of a polymer shaft, even for cross-over procedures in sharp angulated bifurcations, maintains very fast deflation times



General Specifications

Catheter design	Rapid exchange coaxial polymer/hypotube shaft
Guidewire compatibility	0.035" (0.89 mm)
Usable shaft length	135 cm
Balloon material	Polyamide (Nylon)
Balloon folding	3 folds (Ø 4-6 mm), 6 folds (Ø 7-10 mm)
Coating	SILX® coating
Shaft diameter	Proximal Part: 2.6 Fr (0.85mm), Distal Part: 4.0 – 7.0 mm 5.0 Fr (1.65 mm), 5.0 – 10.0 mm 5.2 Fr (1.73 mm)
Introducer compatibility	6 Fr (2.01 mm)
Nominal Pressure (NBP)	6 atm / 608 kPa

Item Specifications

Balloon diameter (mm)	Reference codes				Rated Burst Pressure (RBP)	
	Balloon length (mm)				Balloon length (mm)	
	20	40	60	80	100	80 and 100
4.0	BD-C40201DN	BD-C40401DN	BD-C40601DN	BD-C40801DN	BD-C40A01DN	16 atm / 1621 kPa
5.0	BD-C50201DN	BD-C50401DN	BD-C50601DN	BD-C50801DN	BD-C50A01DN	14 atm / 1419 kPa
6.0	BD-C60201DN	BD-C60401DN	BD-C60601DN	BD-C60801DN	BD-C60A01DN	13 atm / 1317 kPa
7.0	BD-C70201DN	BD-C70401DN	BD-C70601DN	BD-C70801DN	BD-C70A01DN	12 atm / 1216 kPa
8.0	BD-C80201DN	BD-C80401DN	BD-C80601DN	—	—	12 atm / 1216 kPa
9.0	BD-C90201DN	BD-C90401DN	BD-C90601DN	—	—	11 atm / 1115 kPa
10.0	BD-CA0201DN	BD-CA0401DN	BD-CA0601DN	—	—	11 atm / 1115 kPa

Tercross®

Balloon Dilatation Catheter



Tercross® is a Percutaneous Transluminal Angioplasty (PTA) balloon dilatation catheter for peripheral indications. The Tercross® is designed specifically to dilate stenosis of peripheral arteries, such as iliac, femoral, popliteal, infra-popliteal and renal artery other than cephalic, cervical and cardiac artery.



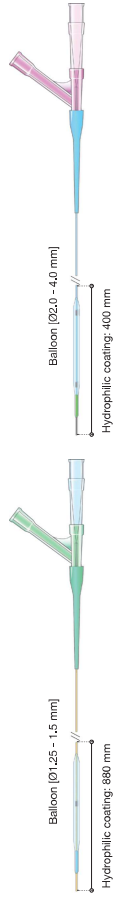
Product Characteristics

Outstanding crossability

- Lowest balloon crossing profile, hydrophilic coating, provides reliable crossability
 - Extreme support, OTW*, seamless, polymer shaft offers enhanced pushability, adequate kink resistance and fast deflation times
- Extensive pressure working range
- The balloon can be inflated up to a Rated Burst Pressure (RBP) of 20 atm (2026 kPa) for efficient and successful recanalization

Wide size mix

- A wide choice of balloon diameters (Ø 1.25 - 4.0 mm) and lengths (±20 - 200 mm) covers all clinical needs



Specifications

Guidewire compatibility	0,014" / 0,36 mm
Usable shaft length	100 cm, 148 cm
Balloon folding	2 folded (Ø1.25 mm, 1.5 mm) / 3 folded (Ø2.0-4.0 mm)
Coating	Hydrophilic
Shaft	proximal: Ø1.25 mm, 1.5 mm; 3.2 Fr (1.07 mm) / Ø2.0-4.0 mm; 3.6 Fr (1.21 mm) distal: Ø1.25 mm, 1.5 mm; 2.5 Fr (0.83 mm) / Ø2.0-4.0 mm; 3.0 Fr (1.00 mm)

Shaft length: 100 cm

Balloon diameter	Balloon length / Product code					
	20 mm	40 mm	80 mm	120 mm	150 mm	200 mm
1.25	BD-T1220P4E	-	-	-	-	-
1.50	BD-T1520P4E	-	-	-	-	-
2.00	-	BD-T2040P4E	BD-T2080P4E	BD-T20120P4E	BD-T20150P4E	BD-T20200P4E
2.50	-	BD-T2540P4E	BD-T2580P4E	BD-T25120P4E	BD-T25150P4E	BD-T25200P4E
3.00	-	BD-T3040P4E	BD-T3080P4E	BD-T30120P4E	BD-T30150P4E	BD-T30200P4E
3.50	-	BD-T3540P4E	BD-T3580P4E	BD-T35120P4E	BD-T35150P4E	BD-T35200P4E
4.00	-	BD-T4040P4E	BD-T4080P4E	BD-T40120P4E	BD-T40150P4E	BD-T40200P4E

Shaft length: 148 cm

Balloon diameter	Balloon length / Product code					
	20 mm	40 mm	80 mm	120 mm	150 mm	200 mm
1.25	BD-T1220Q4E	-	-	-	-	-
1.50	BD-T1520Q4E	-	-	-	-	-
2.00	-	BD-T2040Q4E	BD-T2080Q4E	BD-T20120Q4E	BD-T20150Q4E	BD-T20200Q4E
2.50	-	BD-T2540Q4E	BD-T2580Q4E	BD-T25120Q4E	BD-T25150Q4E	BD-T25200Q4E
3.00	-	BD-T3040Q4E	BD-T3080Q4E	BD-T30120Q4E	BD-T30150Q4E	BD-T30200Q4E
3.50	-	BD-T3540Q4E	BD-T3580Q4E	BD-T35120Q4E	BD-T35150Q4E	BD-T35200Q4E
4.00	-	BD-T4040Q4E	BD-T4080Q4E	BD-T40120Q4E	BD-T40150Q4E	BD-T40200Q4E

Please quote above item reference codes when placing an order

Tsunami® Peripheral

Balloon-expandable Stent



Tsunami™ Peripheral consists of a balloon-expandable stent pre-mounted on a balloon at the distal tip of a rapid exchange type delivery catheter.

Tsunami™ Peripheral is intended to be used for the treatment of stenotic lesions in various arteries excluding coronary, cervical and cerebral vessel, to improve the blood flow.



Product Characteristics

Laser slotted stainless steel tube design (strut thickness = 180 micron):

- for superior flexibility in crimped state and appropriate radial force

Diameter specific stent design with 12 diamond-shaped cells (Ø 5 - 6mm) and 14 diamond-shaped cells (Ø 7mm):

- for minimal shortening and precise placement
- for homogenous metal to artery ratio

Lateral shifted connections between diamond-shaped cells rows:

- for improved flexibility during stent delivery

High performance Rapid Exchange (RX) PTA balloon with helical cut hypotube shaft:

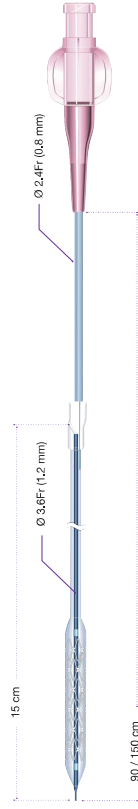
- for smooth transition from hypotube to RX segment
- for optimal transition of the push from shaft to balloon tip

Small opening angle of the balloon cones and long tip:

- for gradual flexibility and facilitated stent placement in angulated anatomies
- for reliable safety against stent dislodgement

Short 15 cm long RX segment:

- for improved pushability



General Specifications

Shaft diameter	Proximal 2,4 Fr - Distal 3,6 Fr
Catheter design	Rapid Exchange: coaxial polymer/hypotube shaft
Guidewire compatibility	0,014" (0,36 mm) - 0,018" (0,46 mm)
Balloon material	Polyamide (Nylon)
Balloon folding	3 folded
Stent material	Stainless Steel
Stent design	Laser-slotted tube with diamond-shaped closed cells
Stent strut thickness	0,180 mm

Item Specifications

Stent diameter	Catheter length (cm)			
	12	18	12	18
5 mm	CS-AF5012M3	CS-AF5018M3	CS-AM5012M3	CS-AM5018M3
6 mm	CS-AF6012M3	CS-AF6018M3	CS-AM6012M3	CS-AM6018M3
7 mm	CS-AF7012P4	CS-AF7018P4	CS-AM7012P4	CS-AM7018P4

GO = Guide Catheter, IS = Introducer Sheath, NP = Nominal Pressure, RBP = Rated Burst Pressure
1 inch (") = 25,4 mm; 1 bar = 1,02 atm = 100 kPa; 1Fr = 0,33 mm

Misago®

Self-expanding Peripheral Stent



Misago® is a peripheral self-expanding stent system consisting of a rapid exchange delivery catheter and a pre-mounted stent made of nitinol.

Misago® is intended to be used for the treatment of stenotic or occlusive lesions in iliac or femoro-popliteal arteries to establish and to maintain patency.



Product Characteristics

Dedicated diameter specific, "spineless" stent design:

- Provides optimal flexibility and durability for best long term patency results
- 8 cells for Ø 5-8 mm, 9 cells for Ø 9-10 mm for adequate radial force
- Spineless Nitinol stent design demonstrates superior dynamic behaviour and improved durability

Tri-axial RX-shaft design - Static proximal shaft during stent delivery:

- Only distal shaft segment is moving back to allow a precise and swift stent deployment

Unique 0.035" RX design:

- Rapid exchange offers a faster and more convenient exchange of devices, saves radiation dose and enables the use of short guidewires
- System properly tracks over 0.018" and 0.014" guidewires as well

Small ergonomic handle:

- For convenient single hand deployment

Radiopaque Gold markers at each stent edge:

- For full deployment control and post-procedural visibility



General Specifications

Stent material	Nitinol alloy
Stent strut thickness	0.185 mm
Delivery catheter structure	Rapid exchange with ergonomic grip
Guidewire compatibility	0.035" (0.89 mm)
Minimum sheath size	6 Fr / 2.0 mm
Usable length of catheter	135 cm

Item Specifications

Stent diameter	Number of cells	Stent length (mm)					
		40	60	80	100	120	150
5 mm	8	SX-YA0540LN	SX-YA0560LN	SX-YA0580LN	SX-YA0590LN	SX-YA0590LN	—
6 mm	8	SX-YA0640LN	SX-YA0660LN	SX-YA0680LN	SX-YA0690LN	SX-YA0690LN	SX-YA0690LN
7 mm	8	SX-YA0740LN	SX-YA0760LN	SX-YA0780LN	SX-YA0790LN	SX-YA0790LN	SX-YA0790LN
8 mm	8	SX-YA0840LN	SX-YA0860LN	SX-YA0880LN	SX-YA0890LN	—	—
9 mm	9	SX-YA0940LN	SX-YA0960LN	—	—	—	—
10 mm	9	SX-YA1040LN	SX-YA1060LN	—	—	—	—
RX segment length	46 cm	48 cm	50 cm	52 cm	64 cm	67 cm	—

Please quote above item reference codes when placing an order

NaviCross®

Support Catheter



Your first choice in peripheral support catheters. Navicross® is a support catheter for peripheral indications, accepting guidewire diameters up to 0.035" / 0.89 mm. Navicross® is intended to guide and support a guidewire during access of the vasculature except within the cerebral vasculature and the coronary arteries to allow wire exchanges and provide a conduit for the delivery of physiological heparinized saline solution or radiopaque media.

Product Characteristics

Stainless Steel Double Braided Shaft:

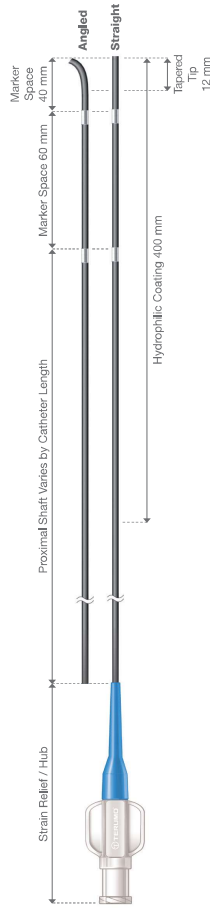
- Provides excellent steerability and efficient push transition in complex lesions;
- Enhances torqueability and prevents kinking.

Minimal Crossing Profile and Tapered Tip:

- Guarantees a seamless transition between guidewire and catheter facilitating successful lesion access and crossing;
- Angulated tip can be used for selecting the true lumen and navigating through bifurcated vessels.

Unique Three Radiopaque Shaft-Markers:

- Feasibility of accurate intraluminal measurement (e.g. assessment of treatment dimensions/positions of balloons and stents), because embedded shaft markers are positioned 1 mm from distal tip - 40 mm and 60 mm from precedent marker band.



General Specifications

Shaft	Stainless steel, Double braided
Catheter length	65, 90, 135 and 150 cm
Wire compatibility	0.035" / 0.89 mm
Markers	1 embedded and 2 swaged radiopaque markers
Tip configuration	Straight and 30° angled
Sheath compatibility	4 F (1.39 mm)

Item Specifications

0.035" / 0.89 mm Wire Compatibility	65 cm	90 cm	135 cm	150 cm
Straight Tip	WS*MS3503RH	WS*MS3503RH	WS*MS3503RH	WS*MS3515RH
30° Angled Tip	WS*MA3503RH	WS*MA3503RH	WS*MA3503RH	WS*MA3515RH

Please quote above item reference codes when placing an order

ELIMINATE™

Aspiration Catheter



Eliminate is an innovative aspiration catheter designed to offer an optimal balance between crossing performance, kink resistance and thrombus aspiration capability.



Product Characteristics

Dedicated tip design with radiopaque marker

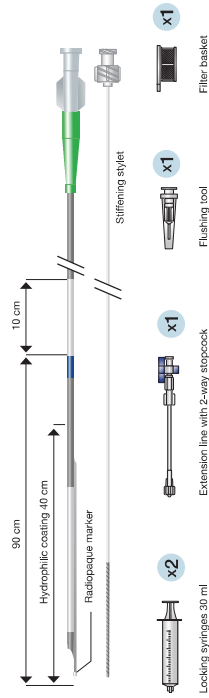
- To improve crossability, while providing atraumatic and efficient aspiration
- To ensure excellent fluoroscopic visibility

Braided shaft with hydrophilic coating and pre-loaded stiffening stylet (only 6 Fr and 7 Fr are pre-loaded)

- For an improved pushability and kink resistance
- For easy navigation through tortuous anatomies

Large aspiration lumen

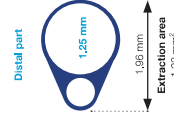
- For constant, high-performance aspiration throughout the procedure
- A choice of 3 sizes (6 Fr, 7 Fr and 8 Fr guide catheter compatibility) for different coronary and peripheral applications



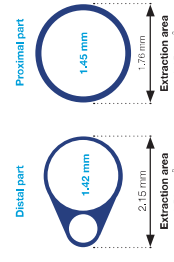
6 Fr guide catheter compatibility



7 Fr guide catheter compatibility



8 Fr guide catheter compatibility



General Specifications

Usable length	140 cm
Distal tip hole length	4 mm for 6 and 7 Fr / 7 mm for 8 Fr
Rapid exchange segment	23 cm
Radiopaque marker	1 mm located at 4 mm from the tip
Positioning marker	10 cm = single white mark located at 90 cm from distal tip
Guide wire compatibility	Maximum diameter 0.014" (0.36 mm)
Coating	Hydrophilic

Item Specifications

Guide catheter compatibility		Guide sheath compatibility		Eliminate	
6 Fr	I.D. ≥ 0.070" / 1.78 mm	-	-	EG1802	
7 Fr	I.D. ≥ 0.080" / 2.03 mm	-	-	EG1852	
8 Fr	I.D. ≥ 0.086" / 2.18 mm	6 Fr		EG1401	

Please quote above item reference code when placing an order

Roadsaver®

Carotid Artery Stent



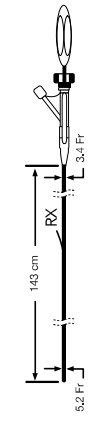
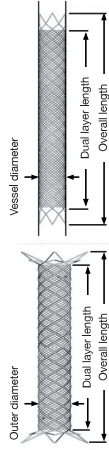
The Roadsaver® Carotid Stent System is indicated for use in patients with carotid arterial atherosclerotic disease.



Product Characteristics

A novel design - Nickel titanium (Nitinol) double layer micromesh design

- Provides excellent wall apposition
- Superior in-vessel flexibility
- Allows for side branch patency
- Conforms to tortuous anatomies
- In-Vivo tapering of braided Nitinol design conforms to tapered ICA-CCA segments Sustained embolic protection
- Designed to prevent plaque protrusion and emboli release after stent implantation
- Double-layer micromesh designed to contain plaque to the vessel wall



Specifications

Stent platform

Construction	Material
Double layer braided mesh	Nitinol

Stent delivery system

Guidewire compatibility	0.014" (0.36 mm)
Introducer sheath compatibility	5 Fr (ID > 0.074")
Delivery system construction	Rapid exchange, RX segment length 30 cm
Usable catheter length	143 cm

Ordering Information

Product code	Unconstrained dimensions (mm)			Implanted dimensions (mm)					
	Stent diameter	Micromesh layer stent length	Overall stent length	Vessel Ø 1mm smaller than unconstrained Ø		Vessel Ø 2mm smaller than unconstrained Ø			
				Vessel diameter	Micromesh layer length	Overall length	Vessel diameter	Micromesh layer length	Overall length
RDS-0520-143RX	5	20	25	4	20	33	3	22	35
RDS-0530-143RX	5	30	37	4	35	47	3	38	52
RDS-0540-143RX	5	40	47	4	45	59	3	52	64
RDS-0616-143RX	6	16	22	5	20	32	4	23	35
RDS-0625-143RX	6	25	33	5	30	44	4	33	48
RDS-0630-143RX	6	30	40	5	40	53	4	43	58
RDS-0718-143RX	7	18	25	6	23	35	5	26	38
RDS-0725-143RX	7	25	35	6	30	47	5	36	52
RDS-0730-143RX	7	30	40	6	40	53	5	44	60
RDS-0820-143RX	8	20	25	7	30	36	6	27	40
RDS-0825-143RX	8	25	35	7	30	49	6	38	54
RDS-0830-143RX	8	30	40	7	40	55	6	45	61
RDS-0840-143RX	8	40	47	7	50	67	6	60	75
RDS-0820-143RX	9	20	33	8	30	45	7	33	48
RDS-0830-143RX	9	30	40	8	40	55	7	45	60
RDS-1020-143RX	10	20	35	9	30	45	8	35	50
RDS-1030-143RX	10	30	43	9	40	55	8	45	60

Please quote above item reference code when placing an order

Radifocus® Guidewire M Standard type

Guidewires



Radifocus® Guidewire M Standard type are Nitinol hydrophilic guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) for an absolute maneuverability and absence of friction. Indicated for use for standard angiography in Coronary and Peripheral territories, catheterization, embolization, peripheral angioplasty and stenting (with or without exchange wire), and subintimal angioplasty in small, standard or large proximal or distal vessels.

Product Characteristics

- Extra flexible and non-traumatic tapered tip: increased guidewire flexibility for a smooth and safe navigation through vessels.
- Extra hydrophilic ("M" polymer coating: smooth navigation (no friction) through catheter and vessels, time savings to use.
- Prevents blood platelet adhesion and thrombus formation.
- Polyurethane radiopaque jacket: smooth surface to minimize blood adhesion to the wire, allow a soft and atraumatic navigation and higher visibility (tungsten).
- Super elastic Nitinol core: excellent shape memory, greater flexibility and increased control in difficult cases. Prevents kinking for an easier and faster catheter placement.
- One-piece construction: improved wire control through the vessel, true one-to-one torque transmission, for an easier, faster and safer navigation through both catheter and vessels.
- Rounded end: decreased likelihood of vessel trauma and smoother wire insertion.

General Specifications

Core material	Nitinol
Radiopaque jacket	Polyurethane layer containing tungsten
Hydrophilic coating	"M" polymer
Guidewire diameters	0.018" (0.46 mm) / 0.025" (0.64 mm) / 0.032" (0.81 mm) / 0.035" (0.89 mm) / 0.038" (0.97 mm)
Guidewire lengths	50 cm / 80 cm / 120 cm / 150 cm / 180 cm / 220 cm / 260 cm / 300 cm
Distal flexible lengths	10 mm / 30 mm / 50 mm / 80 mm
Distal curves	Straight / 45° angled / 1.5 mm J shape / double angulation (Beta curve)
Units per box	5

Item Specifications

Outer diameter	Length	Flexible length	Distal curve	Item reference
0.018" / 0.46 mm	150 cm	30 mm	Straight	RF-GS18153M
0.018" / 0.46 mm	150 cm	30 mm	Angled	RF-GA18153M
0.018" / 0.46 mm	180 cm	30 mm	Straight	RF-GS18183M
0.018" / 0.46 mm	180 cm	30 mm	Angled	RF-GA18183M
0.018" / 0.46 mm	220 cm	30 mm	Angled	RF-GA18223M
0.018" / 0.46 mm	260 cm	30 mm	Angled	RF-GA18263M
0.018" / 0.46 mm	260 cm	30 mm	Straight	RF-GS18263M
0.025" / 0.64 mm	120 cm	30 mm	Straight	RF-GS25123M
0.025" / 0.64 mm	120 cm	30 mm	Angled	RF-GA25123M
0.025" / 0.64 mm	150 cm	30 mm	Straight	RF-GS25153M
0.025" / 0.64 mm	150 cm	30 mm	Angled	RF-GA25153M
0.025" / 0.64 mm	180 cm	30 mm	Straight	RF-GS25183M
0.025" / 0.64 mm	180 cm	30 mm	Angled	RF-GA25183M
0.025" / 0.64 mm	260 cm	30 mm	Straight	RF-GS25263M
0.025" / 0.64 mm	260 cm	30 mm	Angled	RF-GA25263M

Please quote above item reference code when placing an order

Radifocus® Guidewire M with Radiopaque tip marker

Guidewires



Radifocus® Guidewire M with Radiopaque tip marker are Nitinol hydrophilic guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat). These Guidewires have small diameters, high torque control and an highly visible distal gold marker tip for micro vessels access.

Indicated for use for standard angiography in Coronary and Peripheral territories, catheterization, embolization, peripheral angioplasty and stenting in small, distal micro vessels and neurovasculature.



Product Characteristics

- Small diameters specially adapted for micro vessels approach.
- Super elastic Nitinol core: excellent shape memory, greater flexibility and increased control in difficult cases.
- Prevents kinking for an easier and faster catheter placement.
- Polyurethane radiopaque jacket: smooth surface to minimize blood adhesion to the wire, soft and atraumatic navigation and higher visibility (tungsten).
- High visibility of the tip due to the distal gold marker
- Extra flexible and non-traumatic tapered tip: increased guidewire flexibility for a smooth and safe navigation through vessels.
- Extra hydrophilic ("M" polymer coating): smooth navigation (no friction) through catheter and vessels, time savings to user.
- Prevents blood platelet adhesion and thrombus formation.
- One-piece construction: improved wire control through the vessel, true one-to-one torque transmission, thus providing an easier, faster and safer navigation through catheter and vessels.
- Rounded end: decreased likelihood of vessel trauma and smoother insertion of the wire.

General Specifications

Core material	Nitinol
Distal marker material	Gold
Radiopaque jacket	Polyurethane layer containing tungsten
Hydrophilic coating	"M" polymer
Guidewire diameters	0,011" (0,28 mm) / 0,016" (0,41 mm) / 0,018" (0,46 mm)
Guidewire length	180 cm
Distal flexible length	80 mm
Distal curves	45° angled / 70° angled
Unit per box	1

Item Specifications

Outer diameter	Distal curve	Item reference
0,011" / 0,28 mm	Angled 45°	RF*RA1 01887M
0,011" / 0,28 mm	Angled 70°	RF*RB1 01887M
0,016" / 0,41 mm	Angled 45°	RF*RA1 61887M
0,016" / 0,41 mm	Angled 70°	RF*RB1 61887M
0,018" / 0,46 mm	Angled 45°	RF*RA1 81887M
0,018" / 0,46 mm	Angled 70°	RF*RB1 81887M

Please quote above item reference codes when placing an order.
Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

Radifocus® Guidewire M Shapeable type

Guidewires



Radifocus® Guidewire M Shapeable type are Nitinol hydrophilic guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) with high torque control and shapeable tip for special sites particularly difficult to reach. Indicated for use for angiography in Coronary and Peripheral territories, catheterization, embolization, and peripheral stenting in difficult to access, small, spasmodic and acute angled vessels.



Product Characteristics

- Tapered-preformable tip to reach difficult access sites.
- Super elastic Nitinol core: excellent shape memory, greater flexibility and increased control in difficult cases. Prevents kinking for an easier and faster catheter placement.
- Polyurethane radiopaque jacket: smooth surface to minimize blood adhesion to the wire, allow soft and atraumatic navigation and higher visibility (tungsten).
- Extra flexible and non-traumatic tapered tip: increased guidewire flexibility for a smooth and safe navigation through vessels. Prevents blood platelet adhesion and thrombus formation.
- Extra hydrophilic ("M" polymer coating): smooth navigation (no friction) through catheter and vessels, time savings to user.
- One-piece construction: improved wire control through the vessel, true one-to-one torque transmission, thus providing an easier, faster and safer navigation through catheter and vessels.
- Rounded end: decreased likelihood of vessel trauma and smoother wire insertion.

General Specifications

Core material	Nitinol with tapered pre-formable tip
Radiopaque jacket	Polyurethane layer containing tungsten
Hydrophilic coating	"M" polymer
Guidewire diameter	0,035" (0,89 mm)
Guidewire lengths	150 cm / 180 cm
Distal flexible length	30 mm
Distal curves	Straight / 45° angled
Units per box	5

Item Specifications

Outer diameter	Length	Flexible length	Distal curve	Item reference
0,035" / 0,89 mm	150 cm	30 mm	Straight	RE-GL35153M
0,035" / 0,89 mm	150 cm	30 mm	Angled	RE-9K35153M
0,035" / 0,89 mm	180 cm	30 mm	Straight	RE-GL35183M
0,035" / 0,89 mm	180 cm	30 mm	Angled	RE-9K35183M

Please quote above item reference codes when placing an order. Other code numbers are available on special demand. For any further information, please contact your local Teumo representative.

Radifocus® Guidewire M Non-Vascular type

Guidewires



Radifocus® Guidewire M Non-Vascular type are standard and stiff Nitinol hydrophilic guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) for non-vascular procedures (endourology).

Indicated for use for non-vascular procedures such as Endoscopic and Urologic applications (drainage, endoprosthesis placement, and embolization), catheterization and exchange procedures in normal, tortuous, narrow, tight and stenotic ducts (bile and pancreatic ducts).

Product Characteristics

- Extra flexible & non-traumatic tapered tip: increased flexibility, smooth and safe navigation through ducts.
- Extra hydrophilic ("M" polymer coating): smooth navigation through both catheters and ducts, providing time savings to user.
- Polyurethane radiopaque jacket: smooth surface to minimize adhesion to the wire, soft and atraumatic navigation. Includes tungsten for higher visibility.
- Super elastic Nitinol core: excellent shape memory, greater flexibility, increased control in difficult cases.
- Prevents kinking for an easier and faster catheter placement.
- One-piece construction: improved steering control, true one-to-one torque transmission, easier, faster and safer navigation through both catheter and ducts.
- Rounded end: decreased likelihood of duct trauma, smoother wire insertion.

General Specifications

Core material	Standard or stiff Nitinol
Radiopaque jacket	Polyurethane layer containing tungsten
Hydrophilic coating	"M" polymer
Guidewire diameters	0.020" (0.51 mm) / 0.025" (0.64 mm) / 0.032" (0.81 mm) / 0.035" (0.89 mm)
Guidewire lengths	150 cm / 260 cm / 400 cm / 450 cm
Distal flexible length	30 mm
Distal curves	Straight / 45° angled
Units per box	5

Item Specifications

Shaft	Outer diameter	Length	Flexible length	Distal curve	Item reference
Standard	0.035" / 0.89 mm	150 cm	30 mm	Angled	NV-GA35153M
Standard	0.035" / 0.89 mm	150 cm	30 mm	Straight	NV-GS35153M
Stiff	0.035" / 0.89 mm	150 cm	30 mm	Angled	NV-PA35153M
Standard	0.035" / 0.89 mm	260 cm	30 mm	Straight	NV-FS35153M
Standard	0.032" / 0.81 mm	260 cm	30 mm	Angled	NV-GA32263M
Standard	0.035" / 0.89 mm	400 cm	30 mm	Angled	NV-GA35403M
Standard	0.032" / 0.81 mm	400 cm	30 mm	Angled	NV-GA32403M
Standard	0.035" / 0.89 mm	260 cm	30 mm	Angled	NV-GA35263M
Standard	0.035" / 0.89 mm	450 cm	30 mm	Angled	NV-GS4563M
Standard	0.032" / 0.81 mm	260 cm	30 mm	Straight	NV-GS2263M
Standard	0.032" / 0.81 mm	400 cm	30 mm	Straight	NV-GS32403M
Standard	0.035" / 0.89 mm	260 cm	30 mm	Angled	NV-FS35263M
Standard	0.035" / 0.89 mm	400 cm	30 mm	Straight	NV-FS35403M
Standard	0.035" / 0.89 mm	450 cm	30 mm	Straight	NV-GS4563M
Stiff	0.020" / 0.51 mm	450 cm	30 mm	Angled	NV-PA18453M
Stiff	0.025" / 0.64 mm	450 cm	30 mm	Angled	NV-PS2563M
Stiff	0.035" / 0.89 mm	260 cm	30 mm	Angled	NV-PA35263M
Stiff	0.035" / 0.89 mm	400 cm	30 mm	Angled	NV-PA35403M
Stiff	0.020" / 0.51 mm	450 cm	30 mm	Straight	NV-PS18453M
Stiff	0.025" / 0.64 mm	450 cm	30 mm	Straight	NV-PS25453M
Stiff	0.035" / 0.89 mm	260 cm	30 mm	Straight	NV-PS35263M
Stiff	0.035" / 0.89 mm	400 cm	30 mm	Straight	NV-PS35403M

Please quote above item reference code when placing an order. Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

RS39044GB114MD1

Radifocus® Guidewire GT with gold coil

Guidewires



Radifocus® Guidewire GT with gold coil are Nitinol hydrophilic micro guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) for peripheral and cerebral procedures with improved navigability in distal and tortuous vessels.

Indicated for use for distal catheterization, selective and superselective embolization in small, distal, angular and sensitive peripheral and neurological vasculature.



Product Characteristics

- Super elastic Nitinol core: excellent shape memory, greater flexibility, increased control in difficult cases. Prevents kinking for easier and faster catheter placement.
- Polyurethane radiopaque jacket: smooth surface minimizing blood adhesion to the wire, soft and atraumatic navigation. Includes tungsten salts for higher visibility.
- High visibility of the tip under fluoroscopy due to the distal gold coil.
- Small diameters and distal pre-shaped curves: superselective access in distal and tortuous vessels.
- Extra flexible and non-traumatic tapered tip: increased guidewire flexibility, smooth and safe navigation through tortuous and difficult vessel structures.
- Extra hydrophilic ("M" polymer coating): smooth navigation through catheter and vessels (time savings to user). Prevents blood platelet adhesion and thrombus formation.
- One-piece construction: improved wire control through the vessel, true one-to-one torque transmission, easier, faster and safer navigation through both catheter and vessels.

General Specifications

Core material	Nitinol with distal 2 cm gold coil	
Radiopaque jacket	Polyurethane layer incorporating tungsten salts	
Hydrophilic coating	"M" polymer	
Guidewire diameters	0,012" (0,30 mm) / 0,016" (0,41 mm)	
Guidewire lengths	180 cm / 200 cm	
Distal flexible lengths	25 cm / 35 cm	
Distal curves	45° angled x 4 mm / 90° angled x 4 mm / 1,5 mm J curve / Double angulation 90° + 90° / Double angulation 90° + 150°	
Unit per box	1	

Item Specifications

Distal curve	Outer diameter	Length	Flexible length	Item reference
Angled 45° x 4 mm	0,012" / 0,30 mm	180 cm	25 cm	RG-GA121BSM
Angled 90° x 4 mm	0,012" / 0,30 mm	180 cm	25 cm	RG-GE121BSM
Angled 1,5 mm J curve	0,012" / 0,30 mm	180 cm	25 cm	RG-GJ121BSM
Double angled 90° + 150°	0,012" / 0,30 mm	180 cm	25 cm	RG-GW121BSM
Angled 45° x 4 mm	0,016" / 0,41 mm	180 cm	25 cm	RG-GA161BSM
Angled 45° x 4 mm	0,016" / 0,41 mm	180 cm	35 cm	RG-GA161BSM
Angled 90° x 4 mm	0,016" / 0,41 mm	180 cm	35 cm	RG-GE161BSM
Double angled 90° + 150°	0,016" / 0,41 mm	180 cm	35 cm	RG-GW161BSM
Double Angled 90° + 90°	0,016" / 0,41 mm	180 cm	25 cm	RG-GV161BSM
Angled 45° x 4 mm	0,012" / 0,30 mm	200 cm	25 cm	RG-GA122OSM
Angled 90° x 4 mm	0,012" / 0,30 mm	200 cm	25 cm	RG-GV122OSM
Angled 1,5 mm J curve	0,012" / 0,30 mm	200 cm	25 cm	RG-GJ122OSM
Double angled 90° + 150°	0,012" / 0,30 mm	200 cm	25 cm	RG-GW122OSM
Angled 45° x 4 mm	0,016" / 0,41 mm	200 cm	35 cm	RG-GA162OFM
Angled 90° x 4 mm	0,016" / 0,41 mm	200 cm	35 cm	RG-GE162OFM
Double angled 90° + 150°	0,016" / 0,41 mm	200 cm	35 cm	RG-GW162OFM

Please quote above item reference codes when placing an order

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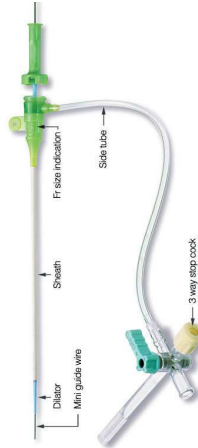
Radifocus® Introducer II Standard Kit Introducer Sheath



Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

Product Characteristics

- Unique Terumo cross-cut valve maintains uncompromised hemostasis to avoid bleeding and air aspiration
- Smooth sheath-to-dilator transition and optimally tapered dilator enable to reduce penetration resistance
- Extremely thin radiopaque wall with anti-kinking sleeve for excellent catheter handling
- Snap-on/Click-off dilator to prevent dilator back-out during insertion and to allow one hand unlocking



Available Kits

- **A Kit** contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle)
- **B Kit** contains sheath, dilator, plastic or spring mini guidewire
- **C Kit** contains sheath and dilator
- **R Kit** contains sheath, dilator, spring mini guidewire and metallic entry needle



General Specifications

Sheath length	10 cm
Mini guidewire	Plastic Straight and Angled 0.025" (0.64 mm) for 4 Fr, 0.035" (0.89 mm) for all others 45 cm
Entry needle	Plastic IV Catheter - 1.6 x 2.15" (1.2 x 0.4 mm) for 4 Fr, 2.06 x 2.15" (1.6 x 0.5 mm) for 6 Fr, 2.06 x 2.15" (1.6 x 0.5 mm) for 7 Fr, 2.06 x 2.15" (1.6 x 0.5 mm) for 8 Fr, 2.06 x 2.15" (1.6 x 0.5 mm) for 9 Fr, 2.06 x 2.15" (1.6 x 0.5 mm) for 10 Fr, 2.06 x 2.15" (1.6 x 0.5 mm) for 11 Fr 2.5 ml syringe is included
Guidewire compatibility	0.025" (0.64 mm) for 4 Fr 0.035" (0.89 mm) for all others
Packaging	Tray



1st Type in tray with plastic mini guidewire General Specifications

Sheath length	10 cm		Sheath length 25 cm
	45 cm angled	Mini guidewire type	
Mini guidewire	0.025" (0.64 mm) or 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others 45 cm for 10 cm sheath and 80 cm for 25 cm sheath	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	80 cm angled
Guidewire compatibility	0.025" (0.64 mm) or 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	Tray
Packaging	Tray		

Item Specifications

Inner diameter	Mini guidewire type	
	45 cm angled	45 cm straight
4 Fr	RS-A40K10AQ RS-A50K10AQ RS-A60K10AQ RS-A70K10AQ RS-A80K10AQ RS-A10K10AQ	RS-A40S10AQ RS-A50S10AQ RS-A60S10AQ RS-A70S10AQ RS-A80S10AQ RS-A10S10AQ
5 Fr	RS-B40K10AQ RS-B50K10AQ RS-B60K10AQ RS-B70K10AQ RS-B80K10AQ RS-B90K10AQ RS-B10K10AQ	RS-B40S10AQ RS-B50S10AQ RS-B60S10AQ RS-B70S10AQ RS-B80S10AQ RS-B90S10AQ RS-B10S10AQ
6 Fr	RS-C40K10AQ RS-C50K10AQ RS-C60K10AQ RS-C70K10AQ RS-C80K10AQ RS-C90K10AQ RS-C10K10AQ	RS-C40S10AQ RS-C50S10AQ RS-C60S10AQ RS-C70S10AQ RS-C80S10AQ RS-C90S10AQ RS-C10S10AQ
7 Fr	RS-D40K10AQ RS-D50K10AQ RS-D60K10AQ RS-D70K10AQ RS-D80K10AQ RS-D90K10AQ RS-D10K10AQ	RS-D40S10AQ RS-D50S10AQ RS-D60S10AQ RS-D70S10AQ RS-D80S10AQ RS-D90S10AQ RS-D10S10AQ
8 Fr	RS-E40K10AQ RS-E50K10AQ RS-E60K10AQ RS-E70K10AQ RS-E80K10AQ RS-E90K10AQ RS-E10K10AQ	RS-E40S10AQ RS-E50S10AQ RS-E60S10AQ RS-E70S10AQ RS-E80S10AQ RS-E90S10AQ RS-E10S10AQ
9 Fr	RS-F40K10AQ RS-F50K10AQ RS-F60K10AQ RS-F70K10AQ RS-F80K10AQ RS-F90K10AQ RS-F10K10AQ	RS-F40S10AQ RS-F50S10AQ RS-F60S10AQ RS-F70S10AQ RS-F80S10AQ RS-F90S10AQ RS-F10S10AQ
10 Fr	RS-G40K10AQ RS-G50K10AQ RS-G60K10AQ RS-G70K10AQ RS-G80K10AQ RS-G90K10AQ RS-G10K10AQ	RS-G40S10AQ RS-G50S10AQ RS-G60S10AQ RS-G70S10AQ RS-G80S10AQ RS-G90S10AQ RS-G10S10AQ
11 Fr	RS-H40K10AQ RS-H50K10AQ RS-H60K10AQ RS-H70K10AQ RS-H80K10AQ RS-H90K10AQ RS-H10K10AQ	RS-H40S10AQ RS-H50S10AQ RS-H60S10AQ RS-H70S10AQ RS-H80S10AQ RS-H90S10AQ RS-H10S10AQ

Please quote above item reference codes when placing an order

Item Specifications

Inner diameter	Guidewire compatibility	Sheath length 10 cm		Sheath length 25 cm
		45 cm angled	Mini guidewire type	
4 Fr	0.025" (0.64 mm) 0.035" (0.89 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	80 cm angled
4 Fr	0.035" (0.89 mm)	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
5 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
6 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
7 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
8 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
9 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
10 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—
11 Fr	0.038" (0.97 mm)	—	RS-BA0K10AQ RS-B50N10AQ RS-B60N10AQ RS-B70N10AQ RS-B80N10AQ RS-B90N10AQ RS-B10N10AQ RS-B11N10AQ	—

Please quote above item reference codes when placing an order

Radifocus® Introducer II Radiopaque Marker Hit

Introducer Sheath

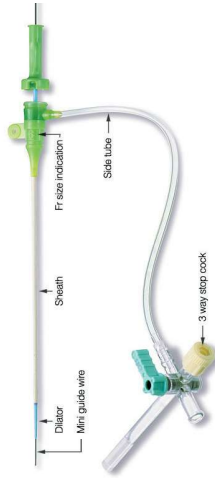


Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure. Platinum/Iridium Band incorporated in the introducer sheath shows precise location of the distal tip for most accurate positioning.



Product Characteristics

- Platinum/Iridium band incorporated in the distal tip of the sheath for precise positioning
- Smooth surface over the radiopaque marker reduces friction
- Unique Terumo cross-cut valve maintains uncompromised haemostasis to avoid bleeding and air aspiration
- Smooth sheath-to-dilator transition and optimally tapered dilator enable to reduce penetration resistance
- Extremely thin radiopaque wall with anti-kinking sleeve for excellent catheter handling
- Snap-on, Click-off dilator to prevent dilator back-out during insertion and to allow one hand unlocking



Available Kits

- **B Kit** contains sheath, dilator, spring mini guidewire
- **C Kit** contains sheath and dilator



General Specifications

Sheath length	6 cm and 10 cm
Mini guidewire	Spring 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Guidewire compatibility	0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Pouch



General Specifications

Sheath length	6 cm, 10 cm and 25 cm
Guidewire compatibility	0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Pouch

Item Specifications

Inner diameter	Sheath length		
	6 cm	10 cm	25 cm
4 Fr	RB-B4SK10MC	RB-B4SK10MC	RB-C4SK25MC
5 Fr	RB-B5SN10MC	RB-B5SN10MC	RB-C5SN25MC
6 Fr	RB-B6SN10MC	RB-B6SN10MC	RB-C6SN25MC
7 Fr	RB-B7SN10MC	RB-B7SN10MC	RB-C7SN25MC
8 Fr	RB-B8SN10MC	RB-B8SN10MC	RB-C8SN25MC
9 Fr	RB-B9SN10MC	RB-B9SN10MC	RB-C9SN25MC

Please quote above item reference codes when placing an order

RS35045GB1114MDH
RS35045GB1114MDH

3rd Type in pouch with spring mini guidewire

General Specifications

Sheath length	10 cm
Mini guidewire	Spring, J-type 0.035" (0.89 mm) for all items
Guidewire compatibility	0.035" (0.89 mm) for 4Fr items 0.038" (0.97 mm) for all other items
Packaging	Pouch

Item Specifications

Inner diameter	Item reference
4 Fr	RS-B4OK10MR
5 Fr	RS-B5ON10MRD
6 Fr	RS-B6ON10MRD
7 Fr	RS-B7ON10MRD
8 Fr	RS-B8ON10MRD
9 Fr	RS-B9ON10MRD
10 Fr	RS-B10N10MRD
11 Fr	RS-B11N10MRD

Please quote above item reference codes when placing an order



General Specifications

Sheath length	10 cm
Mini guidewire	Spring, J-type 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Entry needle	Metallic entry needle - 18G x 2.3" (1.2 x 70 mm)
Guidewire compatibility	0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Tray

Item Specifications

Inner diameter	Item reference
4 Fr	RS-R4OK10MQ
5 Fr	RS-R5OK10MQ
6 Fr	RS-R6ON10MQ
7 Fr	RS-R7ON10MQ
8 Fr	RS-R8ON10MQ
9 Fr	RS-R9ON10MQ

Please quote above item reference codes when placing an order



2nd Type in tray with spring mini guidewire

General Specifications

Sheath length	10 cm
Mini guidewire	Spring, J-type 0.035" (0.89 mm) and 0.038" (0.97 mm) 45 cm
Guidewire compatibility	0.035" (0.89 mm) or 0.038" (0.97 mm)
Packaging	Tray

Item Specifications

Inner diameter	Guidewire compatibility
0.035" (0.89 mm)	0.038" (0.97 mm)
4 Fr	RS-B4OK10MQ
5 Fr	RS-B5OK10MQ
6 Fr	RS-B6ON10MQ
7 Fr	RS-B7ON10MQ
8 Fr	RS-B8OK10MQ
9 Fr	RS-B9OK10MQ
10 Fr	RS-B10K10MQ
11 Fr	RS-B11K10MQ

Please quote above item reference codes when placing an order



General Specifications

Sheath length	10 cm and 25 cm
Guidewire compatibility	0.025" (0.64 mm), 0.035" (0.89 mm) for 4 Fr and 0.038" (0.97 mm) for all others
Packaging	Pouch

Item Specifications

Inner diameter	Guidewire compatibility	Sheath length	
		10 cm	25 cm
4 Fr	0.025" (0.64 mm)	RS-C4O510MR	—
4 Fr	0.035" (0.89 mm)	RS-C4OK10MR	RS-C4OK25MR
5 Fr	0.038" (0.97 mm)	RS-C5ON10MR	—
6 Fr	0.038" (0.97 mm)	RS-C6ON10MR	RS-C6ON25MR
7 Fr	0.038" (0.97 mm)	RS-C7ON10MR	RS-C7ON25MR
8 Fr	0.038" (0.97 mm)	RS-C8ON10MR	RS-C8ON25MR
9 Fr	0.038" (0.97 mm)	RS-C9ON10MR	—
10 Fr	0.038" (0.97 mm)	RS-C10N10MR	—
11 Fr	0.038" (0.97 mm)	RS-C11N10MR	—

Please quote above item reference codes when placing an order

Radifocus® Introducer II Pediatric Kit

Introducer Sheath

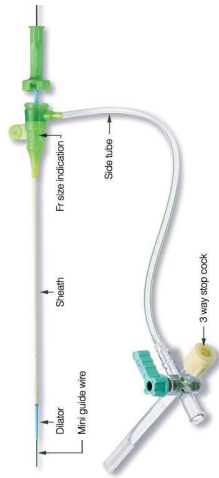


Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.



Product Characteristics

- Unique Terumo cross-cut valve maintains uncompromised hemostasis to avoid bleeding and air aspiration
- Smooth sheath-to-dilator transition and optimally tapered dilator enable to reduce penetration resistance
- Extremely thin radiopaque wall with anti-kinking sieve for excellent catheter handling
- Snap-on/Click-off dilator to prevent dilator back-out during insertion and to allow one hand unlocking
- Nitinol super elastic mini guidewire enables smooth insertion and removal



Available Kits

- **A Kit** contains sheath, dilator, plastic mini guidewire and plastic IV catheter (entry needle)
- **B Kit** contains sheath, dilator and plastic mini guidewire



General Specifications

Sheath length	5 cm and 7 cm
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm
Guidewire compatibility	0.025" (0.64 mm)
Entry needle	Plastic IV catheter - 20G x 2" (0.9 x 51 mm), 2.5 ml syringe is included
Packaging	Tray



General Specifications

Sheath length	7 cm
Mini guidewire	Plastic Straight 0.025" (0.64 mm) 45 cm
Guidewire compatibility	0.025" (0.64 mm)
Packaging	Tray

Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	5 cm	RS-A40307SD
5 Fr	—	RS-A50307SD
6 Fr	RS-A60307SD	RS-A60307SD

Please quote above item reference codes when placing an order

Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	7 cm	RS-B40307SD
5 Fr	7 cm	RS-B50307SD
6 Fr	7 cm	RS-B60307SD

Please quote above item reference codes when placing an order

Radifocus® Obturator

Introducer Sheath

An obturator supports the wall of the indwelling introducer sheath without a catheter in place.



Product Characteristics

- Hub with connection system to the sheath's hub
- High flexibility and kink-resistance

- Prevents clotting reaction inside the sheath
- Made of polyurethane with a rounded tip

Item Specifications

Compatible Introducer Sheath Size	Length	
	10 cm	25 cm
4 Fr	XX*RFC05041.0M	—
5 Fr	XX*RFC05051.0M	XX*RFC050525M
6 Fr	XX*RFC05061.0M	XX*RFC050625M
7 Fr	XX*RFC05071.0M	XX*RFC050725M
8 Fr	XX*RFC05081.0M	XX*RFC050825M
9 Fr	XX*RFC05091.0M	—

Please quote above item reference codes when placing an order

Radifocus® Vessel Dilator

Introducer Sheath

A vessel dilator facilitates the pre-dilatation of puncture site.

Item Specifications

Outer diameter	Length	Guidewire compatibility	
		0.035" (0.88 mm)	0.038" (0.97 mm)
4 Fr	15.5 cm	RF*YD040K1.0M	—
5 Fr	15.5 cm	RF*YD050K1.0M	RF*YD050M1.0M
6 Fr	15.5 cm	RF*YD060K1.0M	RF*YD060M1.0M
7 Fr	15.5 cm	RF*YD070K1.0M	RF*YD070M1.0M
8 Fr	15.5 cm	RF*YD080K1.0M	RF*YD080M1.0M
9 Fr	15.5 cm	RF*YD090K1.0M	RF*YD090M1.0M
10 Fr	15.5 cm	RF*YD100K1.0M	—
11 Fr	15.5 cm	RF*YD110K1.0M	—

Please quote above item reference codes when placing an order

Radifocus® Angiographic Catheter

Angiographic Catheter



Radifocus® Angiographic Catheter is a 5 Fr angiographic catheter intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site.

Product Characteristics

- Flow, smoothness and superior safety thanks to the polyamide surface, the round tip and one-piece body structure
- Soft and non-traumatic catheter with excellent torque control due to its internal metallic mesh braid
- Smooth radiopaque surface to prevent thrombus formation
- High pressure resistance (up to 1000 psi / 6.895 kPa)
- Various tip shapes available

General Specifications

Outer diameter	5 Fr / 1,70 mm
Inner diameter	0,043" / 1,10 mm
Maximum guidewire size	0,038" / 0,97 mm
Pressure limit	1000 psi / 6.895 kPa
Catheter material	Polyamide
Mesh braid material	Stainless steel

Item Specifications

Product type	Code number	Outer diameter	Length	Inner diameter	Distal curve	Curve type	Compatible Guide Wire	Side holes
Flush catheters	RF-FG19006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Pigtail	○	0,97 / 0,038 mm	6
	RF-FG15008M	5 Fr / (1,70 mm)	80 cm	1,10 / 0,043 mm	Pigtail	○	0,97 / 0,038 mm	6
	RF-FK15008M	5 Fr / (1,70 mm)	80 cm	1,10 / 0,043 mm	Straight	—	0,97 / 0,038 mm	6
	RF-DJ15008M	5 Fr / (1,70 mm)	80 cm	1,10 / 0,043 mm	Straight 8 cm tapered	—	0,97 / 0,038 mm	0
	RF-DA15008M	5 Fr / (1,70 mm)	80 cm	1,10 / 0,043 mm	Renal	⌋	0,97 / 0,038 mm	2
	RF-DB15008M	5 Fr / (1,70 mm)	80 cm	1,10 / 0,043 mm	Renal	⌋	0,97 / 0,038 mm	0
	RF-DB15006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Cobra Small	⌋	0,97 / 0,038 mm	2
	RF-DB65006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Cobra Small	⌋	0,97 / 0,038 mm	0
	RF-DB25006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Cobra Small	⌋	0,97 / 0,038 mm	0
	RF-DB55006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Cobra Middle	⌋	0,97 / 0,038 mm	2
	RF-DB55008M	5 Fr / (1,70 mm)	80 cm	1,10 / 0,043 mm	Cobra Middle	⌋	0,97 / 0,038 mm	0
	RF-DB53006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Cobra Large	⌋	0,97 / 0,038 mm	2
	RF-DB65006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Cobra Large	⌋	0,97 / 0,038 mm	0
	RF-DB35006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Shepard Hook 0,8 cm	⌋	0,97 / 0,038 mm	0
	RF-DB45006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Shepard Hook 1,0 cm	⌋	0,97 / 0,038 mm	0
Renal and Visceral shape	RF-DB55006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	J Curve Small	⌋	0,97 / 0,038 mm	0
	RF-DB55008M	5 Fr / (1,70 mm)	85 cm	1,10 / 0,043 mm	J Curve Middle	⌋	0,97 / 0,038 mm	0
	RF-EA19010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	J Curve Large	⌋	0,97 / 0,038 mm	0
	RF-EA25010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Simmons 1	⌋	0,97 / 0,038 mm	0
	RF-EA35010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Simmons 2	⌋	0,97 / 0,038 mm	0
	RF-EA45010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Simmons 3	⌋	0,97 / 0,038 mm	0
	RF-EA45010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Simmons 4	⌋	0,97 / 0,038 mm	0
	RF-EB18010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Headhunter 1	⌋	0,97 / 0,038 mm	0
	RF-EE19010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Bentley-Harries-Wilson 1	⌋	0,97 / 0,038 mm	0
	RF-EE25010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Bentley-Harries-Wilson 2	⌋	0,97 / 0,038 mm	0
	RF-EG19010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	MAMI	⌋	0,97 / 0,038 mm	0
	RF-EH19006M	5 Fr / (1,70 mm)	65 cm	1,10 / 0,043 mm	Vertebral	⌋	0,97 / 0,038 mm	0
	RF-EH19010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Vertebral	⌋	0,97 / 0,038 mm	0
	RF-EJ19010M	5 Fr / (1,70 mm)	100 cm	1,10 / 0,043 mm	Hook 1	⌋	0,97 / 0,038 mm	0

Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

Radifocus® Optitorque®

Angiographic Catheter

Radifocus Optitorque is a diagnostic catheter intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site. Radifocus® Optitorque®, a complete line of coronary diagnostic catheters with optimum torque control and precise placement for flawless angiographic procedures.

Product Characteristics

- Terumo double braided stainless steel mesh technology provides optimal torque control, increased pushability and enhanced catheter stability
- The catheter ultra thin wall creates large lumen ensuring high flow of the contrast media for improved quality of the angiographic result and reduced injection time
- Soft atraumatic tip minimizes risk of vessel wall damage

General Specifications

Pressure limit	4 Fr (1,40 mm) – 750 psi / 5Fr (1,20 mm) – 1000 psi	
Guidewire compatibility	0,038" (0,97 mm)	
Shaft outer diameter (Fr / mm)	4 Fr / 1,40 mm	5 Fr / 1,70 mm
Shaft inner diameter (Inches / mm)	0,041" / 1,03 mm	0,047" / 1,20 mm

Item Specifications

Visceral shapes

Shape name	Tip shape	Length	Side holes	Item code by size	
				4 Fr / 1,40 mm	5 Fr / 1,70 mm
Cobra Small		65 cm	0	RH-AB41108M	-
Cobra Small		80 cm	0	RH-AB41108M	RH-AB45108M
Cobra Middle		65 cm	0	RH-AB51108M	RH-AB51108M
Cobra Middle		80 cm	0	RH-AB51108M	RH-AB51108M
Cobra Large		80 cm	0	RH-AB51108M	RH-AB51108M
J curve Middle		65 cm	0	RH-AD54108M	RH-AD55108M
J curve Small		65 cm	0	RH-AD64108M	-
Simmons / Sidewinder 1		80 cm	0	RH-AE41108M	-
Simmons / Sidewinder 1		65 cm	0	-	RH-AE45108M
Simmons / Sidewinder (Type SJ)		65 cm	0	-	RH-AE5108M
Straight		90 cm	0	-	RH-SST0108M

Cerebral shapes

Shape name	Tip shape	Length	Side holes	Item code by size	
				4 Fr / 1,40 mm	5 Fr / 1,70 mm
Simmons / Sidewinder 1		100 cm	0	RH-SA14110M	-
Simmons / Sidewinder 2		100 cm	0	RH-SA24110M	RH-BA2510M
Simmons / Sidewinder 3		100 cm	0	RH-SA3110M	RH-BA3510M
Hick headhunter 1		100 cm	0	RH-BB14110M	RH-BB1510M
Hick headhunter 3		100 cm	0	RH-BB24110M	-
Newton technique 1		100 cm	0	RH-BC14110M	-
Bentson-Hanalee-Wilson 1		100 cm	0	RH-BE14110M	RH-BE1510M
Bentson-Hanalee-Wilson 2		100 cm	0	RH-BE24110M	RH-BE2510M
MAM		100 cm	0	RH-BC14110M	RH-BC1510M
Vertebral		100 cm	0	RH-BH14110M	RH-BH1510M

Please quote above item reference codes when placing an order. Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

Flush catheters

Shape name	Tip shape	Length	Side holes	Item code by size	
				4 Fr / 1,40 mm	5 Fr / 1,70 mm
Straight Pigtail Flush		65 cm	6	RH-4SP008GM	RH-5SP06GM
Straight Pigtail Flush		80 cm	6	RH-4SP008M	-
Straight Flush		65 cm	6	RH-4ST016GM	-
Straight Flush		110 cm	6	RH-4ST0161M	-

Please quote above item reference codes when placing an order.
Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

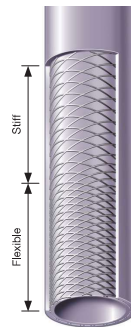
OUTLOOK™

Angiographic Catheter

Outlook is a diagnostic catheter intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site. The dedicated 4 Fr (1,40 mm) Outlook™ catheter facilitates excellent performance and allows you to downsize without sacrificing angiographic outcomes.

Product Characteristics

- Unique braiding with gradual density combined with stiffer, more durable catheter material result in superior pushability, kink-resistant and enhanced stability
- Excellent shape memory ensures stable positioning of the catheter during the injections
- The ultra thin wall structure permits smaller outer and larger inner diameter enabling flow rates up to 15 ml/sec and maximum pressure limit of 1200 psi (8,274 kPa)



Item Specifications

Visceral shapes

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Cobra Middle		80 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-4BS4108M

Cerebral shapes

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Simmons / Sidewinder 1		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH4110M
Simmons / Sidewinder 2		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH4110M
Vertebral		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH4110M
Vertebral Modified		100 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH44110M

Flush catheters

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Straight pigtail		65 cm	8	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-4SP008GM
Straight pigtail		90 cm	8	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-4SP0083M

Bolia mini-cath

Shape name	Tip shape	Length	Side holes	Outer diameter	Inner diameter	Code number
Mini-Cath Standard		20 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH94102M
Mini-Cath Standard		30 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH94103M
Mini-Cath 60 degree angle		20 cm	0	4 Fr / 1,40 mm	0,041" / 1,05 mm	RC-BH44102M

Please quote above item reference codes when placing an order.
Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

Radifocus® Glidecath®



Hydrophilic Angiographic Catheter

Radifocus® Glidecath is a hydrophilic angiographic catheter intended for use in angiographic procedures in peripheral and neurovasculature.

It delivers radiopaque media and therapeutic agents to selected sites in the vascular system.

It is also used to lead a guidewire or a catheter into the target site.

Glidecath shares the same hydrophilic coating as Terumo Guidewire M that allows to reach the more distal point in the most tortuous anatomy.

Glidecath is also indicated to deliver embolic material such as Beads, PVA particles and Macro coils.



Product Characteristics

- Distal hydrophilic coating at 15 – 25 – 40 cm depending on catheter type and length providing an excellent navigability and allows to selectively catheterize the most tortuous anatomy.
- Superior braiding structure: single braiding for 5 Fr and double braiding for 4 Fr providing an excellent trackability especially when used in combination with Terumo Hydrophilic guidewires.
- Smooth radiopaque surface to prevent thrombus formation and to ensure high visibility under fluoroscopy.
- A larger lumen for a lower profile. Glidecath 4 Fr (1.40 mm) with 0.038" (0.97mm) guidewires and can be used as a guiding catheter for microcatheters such as Terumo Progreat.
- Resistant to high pressure : 750 psi (5.171 kPa) for 4 Fr and 1000 psi (6.895 kPa) for 5 Fr.
- Special curves and lengths available such as 150 cm straight for lower limb recanalisation and Yashiro 3D shape for celiac trunk easier access.

Stainless steel

Hydrophilic polymer coating

Inner layer

Polyurethane jacket

General Specifications

Available diameters	4 Fr and 5 Fr
Radiopaque jacket	Polyurethane
Hydrophilic coating	"M" radifocus
Inner Diameter 4 Fr	0.041" (1.03 mm)
Inner diameter 5 Fr	0.043" (1.10 mm)
Lengths (cm)	65, 90, 100, 110, 120, 150
Guidewire compatibility	0.038" (0.97 mm)
Units per box	5

Item Specifications - Visceral Shape

Outer diameter	Length	Distal hydrophilic length	Distal curve	Side holes	Item reference
4 Fr / 1,40 mm	65 cm	15 cm	Cobra Small	0	RF-ZB4108M
4 Fr / 1,40 mm	80 cm	15 cm	Cobra Small	0	RF-ZB4408M
5 Fr / 1,70 mm	65 cm	25 cm	Cobra Small	0	RF-XB4510M
5 Fr / 1,70 mm	80 cm	40 cm	Cobra Small	0	RF-XB4510M
5 Fr / 1,70 mm	80 cm	40 cm	Cobra Small	2	RF-XB1510M
4 Fr / 1,40 mm	65 cm	15 cm	Cobra Middle	0	RF-ZB54108M
4 Fr / 1,40 mm	80 cm	15 cm	Cobra Middle	0	RF-ZB54108M
4 Fr / 1,40 mm	85 cm	25 cm	Cobra Middle	0	RF-ZB54108M
5 Fr / 1,70 mm	80 cm	40 cm	Cobra Middle	0	RF-XB55108M
5 Fr / 1,70 mm	100 cm	40 cm	Cobra Middle	0	RF-XB55108M
4 Fr / 1,40 mm	65 cm	15 cm	Cobra Large	0	RF-ZB64108M
4 Fr / 1,40 mm	80 cm	15 cm	Cobra Large	0	RF-ZB64108M
5 Fr / 1,70 mm	65 cm	25 cm	Cobra Large	0	RF-XB65108M
5 Fr / 1,70 mm	80 cm	40 cm	Cobra Large	0	RF-XB65108M
4 Fr / 1,40 mm	65 cm	15 cm	J curve Large	0	RF-ZD4108M
5 Fr / 1,70 mm	65 cm	25 cm	J curve Large	0	RF-ZD4108M
5 Fr / 1,70 mm	70 cm	25 cm	Yathro	0	RF-XG55107M
4 Fr / 1,40 mm	65 cm	15 cm	Straight	0	RF-ZM74108M
4 Fr / 1,40 mm	80 cm	15 cm	Straight	0	RF-ZM74108M
4 Fr / 1,40 mm	100 cm	15 cm	Straight	0	RF-ZM74108M
4 Fr / 1,40 mm	110 cm	15 cm	Straight	0	RF-ZM74111M
4 Fr / 1,40 mm	120 cm	15 cm	Straight	0	RF-ZM74112M
4 Fr / 1,40 mm	150 cm	40 cm	Straight	0	RF-ZM74115M
5 Fr / 1,70 mm	40 cm	25 cm	Straight	0	RF-XM75104M
5 Fr / 1,70 mm	110 cm	40 cm	Straight	0	RF-XM75111M
5 Fr / 1,70 mm	65 cm	25 cm	Straight tapered	0	RF-M75106M
5 Fr / 1,70 mm	80 cm	40 cm	Straight tapered	0	RF-M75108M
5 Fr / 1,70 mm	100 cm	40 cm	Non-tapered angled	0	RF-M75110M
4 Fr / 1,40 mm	65 cm	15 cm	Non-tapered angled	0	RF-Z094106M
4 Fr / 1,40 mm	100 cm	15 cm	Non-tapered angled	0	RF-Z094110M
4 Fr / 1,40 mm	110 cm	15 cm	Non-tapered angled	0	RF-Z094111M
4 Fr / 1,40 mm	150 cm	40 cm	Non-tapered angled	0	RF-Z094115M
5 Fr / 1,70 mm	110 cm	40 cm	Non-tapered angled	0	RF-X095111M
5 Fr / 1,70 mm	65 cm	25 cm	Non-tapered angled type 190	2	RF-XZ25106M
5 Fr / 1,70 mm	85 cm	25 cm	Angled tapered	0	RF-XL95106M
5 Fr / 1,70 mm	100 cm	40 cm	Angled tapered	0	RF-XL95110M
4 Fr / 1,40 mm	100 cm	15 cm	Multipurpose	0	RF-Z034110M
5 Fr / 1,70 mm	100 cm	40 cm	Multipurpose	0	RF-X035110M
4 Fr / 1,40 mm	80 cm	15 cm	COE 2	5	RF-Z0D4108M
5 Fr / 1,70 mm	100 cm	40 cm	Internal Mammary short tip	0	RF-X0S110M

Item Specifications - Cerebral Shape

Outer diameter	Length	Distal hydrophilic length	Distal curve	Side holes	Item reference
4 Fr / 1,40 mm	100 cm	15 cm	Simmons / Screwdriver 1	0	RF-W414110M
5 Fr / 1,70 mm	100 cm	40 cm	Simmons / Screwdriver 1	0	RF-Y415110M
4 Fr / 1,40 mm	100 cm	15 cm	Simmons / Screwdriver 2	0	RF-W24110M
5 Fr / 1,70 mm	100 cm	40 cm	Simmons / Screwdriver 2	0	RF-W25110M
5 Fr / 1,70 mm	100 cm	40 cm	Simmons / Screwdriver 3	0	RF-W35110M
4 Fr / 1,40 mm	100 cm	15 cm	Hick Headhunter 1	0	RF-WB14110M
5 Fr / 1,70 mm	100 cm	40 cm	Hick Headhunter 1	0	RF-YB15110M
4 Fr / 1,40 mm	100 cm	15 cm	Bentson-Hanafee-Wilson 1	0	RF-ME4110M
5 Fr / 1,70 mm	100 cm	40 cm	Bentson-Hanafee-Wilson 1	0	RF-YE15110M
4 Fr / 1,40 mm	100 cm	15 cm	Bentson-Hanafee-Wilson 2	0	RF-ME24110M
5 Fr / 1,70 mm	100 cm	40 cm	Bentson-Hanafee-Wilson 2	0	RF-YE25110M
4 Fr / 1,40 mm	110 cm	15 cm	Bentson-Hanafee-Wilson modified	0	RF-MEA4111M
4 Fr / 1,40 mm	100 cm	15 cm	MAN	0	RF-W614110M
4 Fr / 1,40 mm	100 cm	15 cm	Vertebral	0	RF-YH4110M
4 Fr / 1,40 mm	120 cm	15 cm	Vertebral	0	RF-YH4112M
5 Fr / 1,70 mm	100 cm	40 cm	Vertebral	0	RF-YH15110M
5 Fr / 1,70 mm	110 cm	40 cm	Vertebral	0	RF-YH15111M

Please quote above item reference codes when placing an order.
Other code numbers are available on special demand. For any further information, please contact your local Terumo representative.

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TR Band™

Radial Artery Compression Device

TR Band™ is a compression device to assist hemostasis of the radial artery after transradial procedures. With complete visual control and precise guided compression, TR Band™ assists in maintaining radial artery patency at the time of hemostasis, to prevent future radial artery occlusion.



Product Characteristics

- Selective compression of the radial artery to ensure blood return
- Transparent structure to allow visual control of the puncture side
- Precise compression of the radial artery for patent hemostasis without compromising nerve structure
- Two band lengths available for precise fit and optimal patient comfort

Item Specifications

Size	Item Reference
Standard size - 24 cm	XXYR06
Large size - 29 cm	XXYR08L

Please quote above item reference codes when placing an order.

Radifocus® Torque Device

Accessories



The Radifocus Torque Device is a supportive device that is intended mainly for use when guiding a disposable guidewire, which is used for percutaneous angiography and treatment under fluoroscopy, to the objective site.



Product Characteristics

- Torque device compatible with guidewires 0.010" (0.25 mm) to 0.038" (0.97 mm)

Item Reference

XX*RF02M

Please quote above item reference codes when placing an order

Radifocus® Hemostatic Valve

Accessories



A hemostasis valve prevents blood reflux when a catheter is inserted in a vessel for angiographic or other purposes.



Product Characteristics

- Cross-cut valve
- Compatible up to 7 Fr. catheter
- With side tube and 3-Way Stopcock

Item Reference

RF*VA713M

Please quote above item reference codes when placing an order

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