



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, Diagnostikkatheter, Mikrokatheter, Führungsdrähte und Zubehör.

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 diagnostics, 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, microcatéteres, 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 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:**
Lunawave®
- **Catheter:**
FastView®

PCI

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

Renal Denervation System (RDS)

- **Console & Catheter:**
Iberis®

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:**
LifePearl®
- **Embolisation Coils:**
AZUR® Framing coil
AZUR® Peripheral HydroCoil®
AZUR® CX
- **Ablation system:**
MicroThermX®

Peripheral Intervention

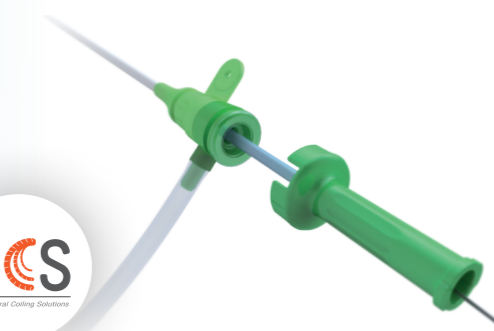
- **Guiding Sheaths:**
Destination®
- **PTA Guidewires:**
Radifocus® Glidewire® Advantage™
Crosswire® / Crosswire® NT
Muso® Wire
- **PTA Dilatation Catheter:**
RX Muso®
Senri®
Renma®
Tercross®
- **Peripheral Stents:**
Tsunami® Peripheral
Misago®
- **Support Catheter:**
NaviCross®
- **Aspiration Catheter:**
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 with Radiopaque Marker
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 Kit

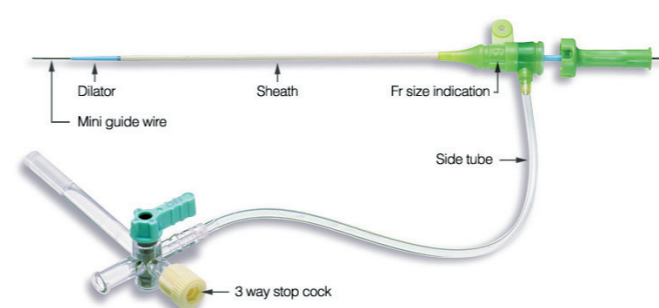
Introducer Sheath



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

A Kit

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 - 18G x 2 1/2" (1.2 x 64 mm), except for 4 Fr : 20G 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

Item Specifications

Inner diameter	Mini guidewire type	
	45 cm angled	45 cm straight
4 Fr	RS+A40K10AQ	RS+A40G10SQ
5 Fr	RS+A50K10AQ	RS+A50K10SQ
6 Fr	RS+A60K10AQ	RS+A60K10SQ
7 Fr	—	RS+A70K10SQ
8 Fr	—	RS+A80K10SQ
9 Fr	—	RS*A90K10SQ
10 Fr	—	RS*A10K10SQ
11 Fr	—	RS*A11K10SQ

Please quote above item reference codes when placing an order

B Kit

1st Type in tray with plastic mini guidewire

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	Guidewire compatibility	Sheath length 10 cm		Sheath length 25 cm
		Mini guidewire type		
		45 cm angled	45 cm straight	80 cm angled
4 Fr	0.025" (0.64 mm)	—	RS+B40G10SQ	—
4 Fr	0.035" (0.89 mm)	RS+B40K10AQ	RS+B40K10SQ	—
5 Fr	0.038" (0.97 mm)	RS+B50N10AQ	RS+B50N10SQ	RS+B50N25AQ
6 Fr	0.038" (0.97 mm)	—	RS+B60N10SQ	RS+B60N25AQ
7 Fr	0.038" (0.97 mm)	—	RS+B70N10SQ	RS+B70N25AQ
8 Fr	0.038" (0.97 mm)	—	RS+B80N10SQ	RS+B80N25AQ
9 Fr	0.038" (0.97 mm)	—	RS*B90N10SQ	RS*B90N25AQ
10 Fr	0.038" (0.97 mm)	—	RS*B10N10SQ	RS*B10N25AQ
11 Fr	0.038" (0.97 mm)	—	RS*B11N10SQ	RS*B11N25AQ

Please quote above item reference codes when placing an order

B Kit

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+B40K10MQ	—
5 Fr	RS+B50K10MQ	RS+B50N10MQ
6 Fr	RS+B60K10MQ	RS+B60N10MQ
7 Fr	RS+B70K10MQ	RS+B70N10MQ
8 Fr	RS+B80K10MQ	RS+B80N10MQ
9 Fr	RS*B90K10MQ	RS*B90N10MQ
10 Fr	RS*B10K10MQ	RS*B10N10MQ
11 Fr	RS*B11K10MQ	RS*B11N10MQ

Please quote above item reference codes when placing an order

C Kit

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+C40G10NR	—
4 Fr	0.035" (0.89 mm)	RS+C40K10NR	RS+C40K25NR
5 Fr	0.038" (0.97 mm)	RS+C50N10NR	—
6 Fr	0.038" (0.97 mm)	RS+C60N10NR	RS+C60N25NR
7 Fr	0.038" (0.97 mm)	RS+C70N10NR	RS+C70N25NR
8 Fr	0.038" (0.97 mm)	RS+C80N10NR	RS+C80N25NR
9 Fr	0.038" (0.97 mm)	RS*C90N10NR	—
10 Fr	0.038" (0.97 mm)	RS*C10N10NR	—
11 Fr	0.038" (0.97 mm)	RS*C11N10NR	—

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*B50N10MRD
6 Fr	RS*B60N10MRD
7 Fr	RS*B70N10MRD
8 Fr	RS*B80N10MRD
9 Fr	RS*B90N10MRD
10 Fr	RS*B10N10MRD
11 Fr	RS*B11N10MRD

Please quote above item reference codes when placing an order

R Kit

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+R40K10MQ
5 Fr	RS+R50N10MQ
6 Fr	RS+R60N10MQ
7 Fr	RS+R70N10MQ
8 Fr	RS+R80N10MQ
9 Fr	RS+R90N10MQ

Please quote above item reference codes when placing an order

Radifocus® Introducer II Transradial Kit

Introducer Sheath



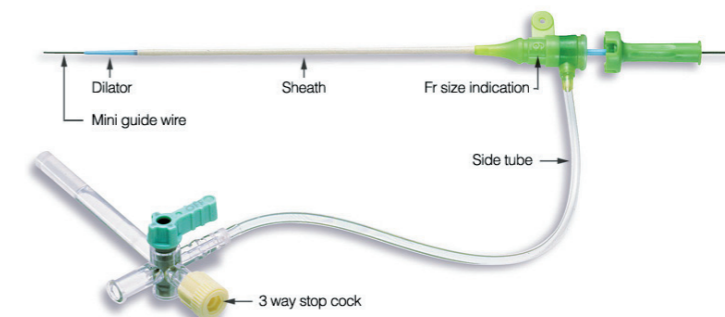
Introducers are intended to be inserted percutaneously into a vessel to facilitate the entire interventional procedure.

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



Solution Nr. 1

Radifocus® 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		
	Compatible with guidewire				
	0.018" (0.46 mm)	0.025" (0.64 mm)	0.018" (0.46 mm)	0.021" (0.53 mm)	0.025" (0.64 mm)
4 Fr	RT-R40A07PQ	RT-R40G07PQ	RT-R40A10PQ	RT-R40D10PQ	RT-R40G10PQ
5 Fr	RT-R50A07PQ	RT-R50G07PQ	RT-R50A10PQ	RT-R50D10PQ	RT-R50G10PQ
6 Fr	RT-R60A07PQ	RT-R60G07PQ	RT-R60A10PQ	RT-R60D10PQ	RT-R60G10PQ
7 Fr	—	—	—	RT-R70D10PQ	—

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 ¼" (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*AF5J10SQW	RM*AF5J16SQW	RM*AF5J25SQW
6 Fr	RM*AF6J10SQW	RM*AF6J16SQW	RM*AF6J25SQW

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 2/5 (0.8 x 36 mm) 20G x 1 2/5 (0.9 x 36 mm)
Guidewire compatibility	0.021" (0.53 mm) and 0.025" (0.64 mm)
Packaging	Tray

Item Specifications

Inner diameter	GuideWire compatibility	Sheath length		
		10 cm	16 cm	25 cm
5 Fr	0.021" (0.53 mm)	RM*RF5F10PQ	RM*RF5F16PQ	RM*RF5F25PQ
5 Fr	0.025" (0.64 mm)	RM*RF5J10PQ	RM*RF5J16PQ	RM*RF5J25PQ
6 Fr	0.021" (0.53 mm)	RM*RF6F10PQ	RM*RF6F16PQ	RM*RF6F25PQ
6 Fr	0.025" (0.64 mm)	RM*RF6J10PQ	RM*RF6J16PQ	RM*RF6J25PQ

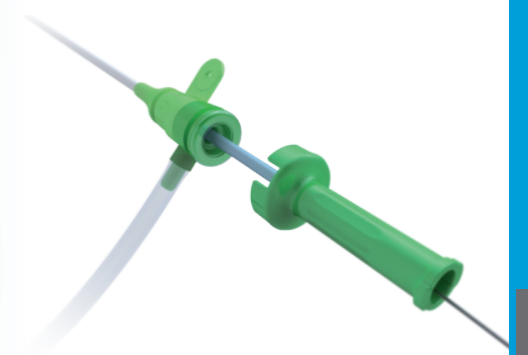
Please quote above item reference codes when placing an order

ISS50/5GB114MDII

ISS50/6GB114MDII

Radifocus® Introducer II Pediatric Kit

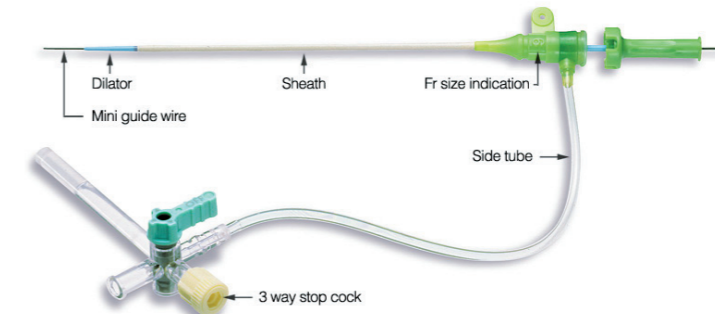
Introducer Sheath



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

Item Specifications

Inner diameter	Sheath length	
	5 cm	7 cm
4 Fr	—	RS+A40G07SQ
5 Fr	RS+A50G05SQ	RS+A50G07SQ
6 Fr	RS+A60G05SQ	RS+A60G07SQ

Please quote above item reference codes when placing an order

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

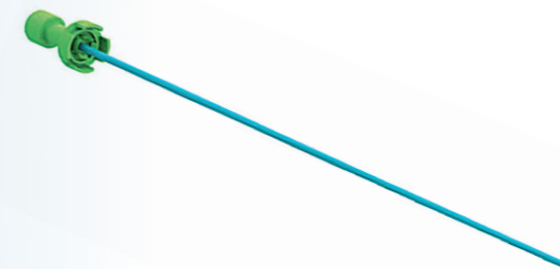
Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	7 cm	RS+B40G07SQ
5 Fr	7 cm	RS+B50G07SQ
6 Fr	7 cm	RS+B60G07SQ

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 polypropylene with a rounded tip

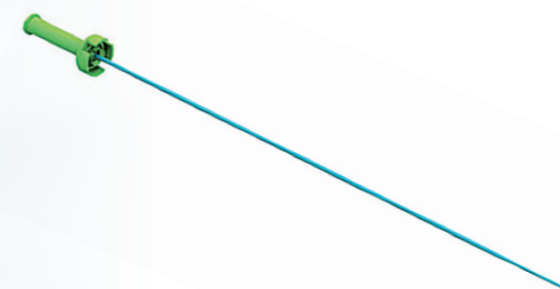
Item Specifications

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*VD40K10M	—
5 Fr	15.5 cm	RF*VD50K10M	RF*VD50N10M
6 Fr	15.5 cm	RF*VD60K10M	RF*VD60N10M
7 Fr	15.5 cm	RF*VD70K10M	RF*VD70N10M
8 Fr	15.5 cm	RF*VD80K10M	RF*VD80N10M
9 Fr	15.5 cm	RF*VD90K10M	RF*VD90N10M
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 sheaths^{2,3}.

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	Plastic 0,025" (0,64mm) x 45cm	RM*ES5J10SQ
		20 G (0.9 mm) x 51 mm	Spring 0,025" (0,64mm) x 45cm	RM*ES5J10PQ
		22 G (0.7 mm) x 32 mm	Plastic 0,021" (0,53mm) x 45cm	RM*ES5F10SQR
	Metallic entry needle	20 G (0.9 mm) x 51 mm	Spring 0,025" (0,64mm) x 45cm	RM*RS5J10PQ
		22 G (0.7 mm) x 32 mm	Spring 0,021" (0,53mm) x 45cm	RM*RS5F10PQ
		20 G (0.9 mm) x 35 mm	Spring 0,018" (0,46mm) x 45cm	RM*RS5C10PQ
16 cm	Plastic IV catheter	20 G (0.9 mm) x 51 mm	Plastic 0,025" (0,64mm) x 80cm	RM*ES5J16SQ
		20 G (0.9 mm) x 51 mm	Spring 0,025" (0,64mm) x 80cm	RM*ES5J16PQ
		20 G (0.9 mm) x 32 mm	Plastic shortangle 0,025" (0,64mm) x 80cm	RM*ES5J16HQS
		22 G (0.7 mm) x 32 mm	Plastic 0,021" (0,53mm) x 80cm	RM*ES5F16SQR
	Metallic entry needle	20 G (0.9 mm) x 51 mm	Spring 0,025" (0,64mm) x 80cm	RM*RS5J16PQ
		20 G (0.9 mm) x 35 mm	Spring 0,021" (0,53mm) x 80cm	RM*RS5F16PQ

Please quote above item reference codes when placing an order

ISS30/55GB0615M/DII

(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;46(2):173-178.
 (2) Rao S., Bemat I., Bertrand O. Remaining challenges and opportunities for improvement in percutaneous transradial coronary procedures. Euro Heart J. 2012;33(20):2521-2526.
 (3) Saito S., Tanaka S., Hiroe Y. et al. Usefulness of hydrophilic coating on arterial sheath introducer in transradial coronary intervention. Cath Cardio Inter. 2002;56(3):328-332.

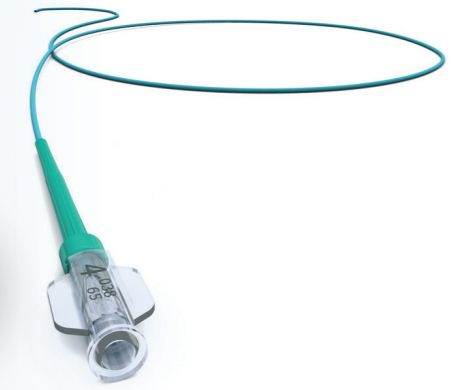
Glidesheath Slender 6 Fr				
Sheath length	Entry needle		Mini guidewire	Reference Code
10 cm	Plastic IV catheter	20G (0,9mm) x 51mm	Plastic 0,025" (0,64mm) x 45cm	RM*ES6J10SQ
		20G (0,9mm) x 51mm	Spring 0,025" (0,64mm) x 45cm	RM*ES6J10PQ
		20G (0,9mm) x 32mm	Plastic shortangle 0,025" (0,64mm) x 45cm	Available soon
		22G (0,7mm) x 32mm	Plastic 0,021" (0,53mm) x 45cm	RM*ES6F10SQR
		22G (0,7mm) x 32mm	Plastic shortangle 0,021" (0,53mm) x 45cm	Available soon
		22G (0,7mm) x 25mm	Plastic 0,021" (0,53mm) x 45cm	Available soon
	Metallic entry needle	20G (0,9mm) x 35mm	Spring 0,025" (0,64mm) x 45cm	RM*RS6J10PQ
		21G (0,8mm) x 35mm	Spring 0,021" (0,53mm) x 45cm	RM*RS6F10PQ
		22G (0,7mm) x 35mm	Spring 0,018" (0,46mm) x 45cm	Available soon
		22G (0,7mm) x 25mm	Plastic shortangle 0,021" (0,53mm) x 45cm	Available soon
16 cm	Plastic IV catheter	20G (0,9mm) x 51mm	Plastic 0,025" (0,64mm) x 80cm	RM*ES6J16SQ
		20G (0,9mm) x 51mm	Spring 0,025" (0,64mm) x 80cm	RM*ES6J16PQ
		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*ES6F16SQR
		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
	Metallic entry needle	20G (0,9mm) x 35mm	Spring 0,025" (0,64mm) x 80cm	RM*RS6J16PQ
		21G (0,8mm) x 35mm	Spring 0,021" (0,53mm) x 80cm	RM*RS6F16PQ
		22G (0,7mm) x 35mm	Spring 0,018" (0,46mm) x 80cm	Available soon
		22G (0,7mm) x 25mm	Plastic shortangle 0,021" (0,53mm) x 80cm	Available soon

Please quote above item reference codes when placing an order

Glidesheath 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*ES7J10SQ
		20G (0,9mm) x 51mm	Spring 0,025" (0,64mm) x 45cm	RM*ES7J10PQ
		22G (0,7mm) x 32mm	Plastic 0,021" (0,53mm) x 45cm	RM*ES7F10SQR
	Metallic entry needle	20G (0,9mm) x 35mm	Spring 0,025" (0,64mm) x 45cm	RM*RS7J10PQ
		21G (0,8mm) x 35mm	Spring 0,021" (0,53mm) x 45cm	RM*RS7F10PQ
16 cm	Plastic IV catheter	20G (0,9mm) x 51mm	Plastic 0,025" (0,64mm) x 80cm	RM*ES7J16SQ
		20G (0,9mm) x 51mm	Spring 0,025" (0,64mm) x 80cm	RM*ES7J16PQ
		20G (0,9mm) x 32mm	Plastic shortangle 0,025" (0,64mm) x 80cm	RM*ES7J16HQS
		22G (0,7mm) x 32mm	Plastic 0,021" (0,53mm) x 80cm	RM*ES7F16SQR
	Metallic entry needle	20G (0,9mm) x 35mm	Spring 0,025" (0,64mm) x 80cm	RM*RS7J16PQ
		21G (0,8mm) x 35mm	Spring 0,021" (0,53mm) x 80cm	RM*RS7F16PQ
		22G (0,7mm) x 35mm	Spring 0,018" (0,46mm) x 80cm	Available soon

Please quote above item reference codes when placing an order

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
- 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		
Guidewire compatibility	0.038" (0.97 mm)		
Outer diameter of the shaft (Fr/mm)	4 Fr / 1.40 mm	5 Fr / 1.70 mm	6 Fr / 2.00 mm
Inner diameter of the shaft (Inches / mm)	0.041" / 1.03 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		
					4Fr / 1.40 mm	5Fr / 1.70 mm	6Fr / 2.00 mm
Amplatz Left		AL-1	0	100 cm	RH-4AL1000M	RH-5AL1000M	RH-6AL1000M
		AL-2	0	100 cm	RH-4AL2000M	RH-5AL2000M	RH-6AL2000M
		AL-3	0	100 cm	RH-4AL3000M	RH-5AL3000M	RH-6AL3000M
Amplatz Right		AR-1	0	100 cm	RH-4AR1000M	RH-5AR1000M	RH-6AR1000M
		AR-2	0	100 cm	RH-4AR2000M	RH-5AR2000M	RH-6AR2000M
		AR-3	0	100 cm	-	RH-5AR3000M	-
		AR-JP	0	100 cm	-	RH-5ARJP00M	-
		ModNTR	0	100 cm	-	RH-5ARRC00M	-
Judkins Left		JL-3.5	0	100 cm	RH-4CL3500M	RH-5CL3500M	RH-6CL3500M
		JL-4.0	0	100 cm	RH-4CL4000M	RH-5CL4000M	RH-6CL4000M
		JL-5.0	0	100 cm	RH-4CL5000M	RH-5CL5000M	RH-6CL5000M
Judkins Right		JL-6.0	0	100 cm	-	RH-5CL6000M	-
		JR-3.5	0	100 cm	RH-4CR3500M	RH-5CR3500M	RH-6CR3500M
		JR-3.5	2	110 cm	-	RH-5CR3521M	-
		JR-3.5	2	80 cm	-	RH-5CR3528M	-
		JR-4.0	0	100 cm	RH-4CR4000M	RH-5CR4000M	RH-6CR4000M
		JR-5.0	0	100 cm	RH-4CR5000M	RH-5CR5000M	RH-6CR5000M
		MP-2.5	2	100 cm	RH-4MP2520M	RH-5MP2520M	-
Multipurpose		MP-3.0	2	100 cm	RH-4MP3020M	-	-
		MP-3.5	0	100 cm	-	RH*5MP3500M	-
		MP-3.5	0	100 cm	-	RH-5MP3500M	RH-6MP3500M
		MP-3.5	2	100 cm	RH-4MP3520M	-	-
		MP-3.5	2	110 cm	RH-4MP3521M	-	-
		MP-4.0	2	100 cm	RH-4MP4020M	RH-5MP4020M	RH-6MP4020M
		MP-4.0	0	110 cm	-	RH-5MP4001M	-
Straight		ST	6	65 cm	RH-4ST016GM	-	-
		ST	0	90 cm	RH-4ST0109M	-	-
Internal Mammary		IM	0	100 cm	RH-4BPIN00M	RH-5BPIN00M	RH-6BPIN00M
		IM - Round tip	0	100 cm	-	RH-5BPIM00M	-
		IM-Short tip	0	100 cm	-	RH-5BPIR00M	-
		IM-JP type	0	100 cm	RH-4BPJP00M	RH-5BPJP00M	-

Please quote above item reference code 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-4SP006GM	RH-5SP006GM
Straight Pigtail Flush		80 cm	6	RH-4SP0068M	-
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™

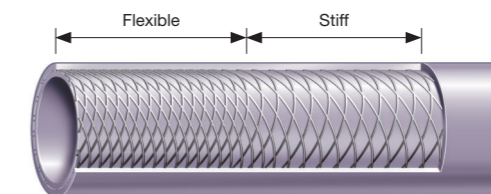
Angiographic Catheter

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	RQ-AB54108M

▶ 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	RQ-BA14110M
Simmons / Sidewinder 2		100 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-BA24110M
Vertebral		100 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-BH14110M
Vertebral Modified		100 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-BHA4110M

▶ 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	RQ-4SP008GM
Straight pigtail		90 cm	8	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-4SP0089M

▶ 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	RQ*BH94102M
Mini-Cath Standard		30 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ*BH94103M
Mini-Cath 60 degree angle		20 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ*BHA4102M

IS35048GB1114MD11

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	XX*RF06
Large size - 29 cm	XX*RF06L

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

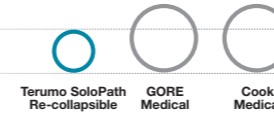
SoloPath™ RE-COLLAPSIBLE

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

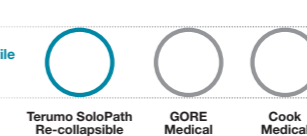
Smallest Insertion Profile

Insertion Profile
(19 Fr Introducer)



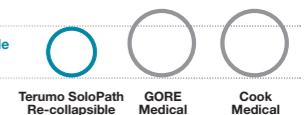
Large Operating Profile

Operating Profile
(19 Fr Introducer)



Smallest Withdrawal Profile

Withdrawal Profile
(19 Fr Introducer)



Item Specifications

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

ISS50/56GE114/MD

Please quote above item reference codes when placing an order

SoloPath™ RE-COLLAPSIBLE

Item Specifications

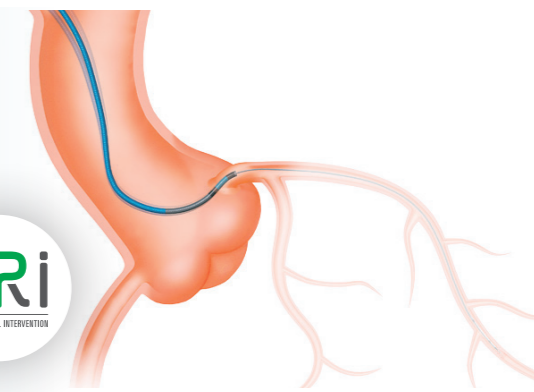
Model number	Insertion profile O.D. (actual)	Expanded sheath O.D.	Expanded sheath I.D.	Re-collapsed sheath O.D.	Working length	Expandable length	Tip outer diameter
SR-1925	13.5 Fr	23 Fr 7.67 mm	19 Fr 6.33 mm	~30% reduction in profile*	25 cm	20 cm	5.3 Fr
SR-1935	13.5 Fr	23 Fr 7.67 mm	19 Fr 6.33 mm	~30% reduction in profile*	35 cm	30 cm	5.3 Fr
SR-2225	15 Fr	26 Fr 8.67 mm	22 Fr 7.33 mm	~30% reduction in profile*	25 cm	20 cm	5.3 Fr
SR-2235	15 Fr	26 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

* Date on file

Heartrail® II

PTCA Guiding Catheter



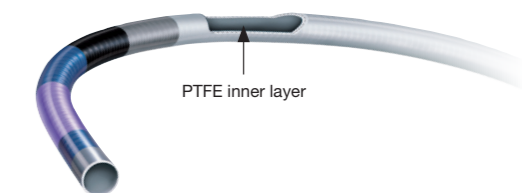
Heartrail® II Guiding Catheter is designed for the introduction of interventional devices and/or guidewires and for the delivery of contrast media into the coronary or peripheral vascular systems.

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 - 0.059" (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	Code Number		
					5 French Outer Diameter	6 French Outer Diameter	7 French Outer Diameter
Standard Curves	Amplatz Left	AL-1		100 cm	GC-K5AL010N	GC-K6AL010NM	GC-K7AL010N
		AL-2		100 cm	GC-K5AL020N	GC-K6AL020NM	GC-K7AL020N
		AL-3		100 cm	GC-K5AL030N	GC-K6AL030NM	GC-K7AL030N
	Amplatz Right	AR-1		100 cm	GC-K5AR010N	GC-K6AR010NM	GC-K7AR010N
		AR-2		100 cm	GC-K5AR020N	GC-K6AR020NM	GC-K7AR020N
	Judkins Left	JL-3.0		100 cm	-	GC-K6JL300NM	-
		JL-3.5		100 cm	GC-K5JL350N	GC-K6JL350NM	GC-K7JL350N
		JL-4.0		100 cm	GC-K5JL400N	GC-K6JL400NM	GC-K7JL400N
		JL-4.5		100 cm	GC-K5JL450N	GC-K6JL450NM	GC-K7JL450N
		JL-5.0		100 cm	GC-K5JL500N	GC-K6JL500NM	GC-K7JL500N
		JL-6.0		100 cm	GC-K5JL600N	GC-K6JL600NM	GC-K7JL600N
	Judkins Right	JR-3.0		100 cm	-	GC-K6JR300NM	-
JR-3.5			100 cm	GC-K5JR350N	GC-K6JR350NM	GC-K7JR350N	
JR-4.0			100 cm	GC-K5JR400N	GC-K6JR400NM	GC-K7JR400N	
JR-4.5			100 cm	GC-K5JR450N	GC-K6JR450NM	GC-K7JR450N	
JR-5.0			100 cm	GC-K5JR500N	GC-K6JR500NM	GC-K7JR500N	
JR-6.0			100 cm	GC-K5JR600N	GC-K6JR600NM	GC-K7JR600N	
Curves for Stronger Backup	Backup Left	BL-3.0		100 cm	GC-K5BL300N	GC-K6BL300NM	GC-K7BL300N
		BL-3.5		100 cm	GC-K5BL350N	GC-K6BL350NM	GC-K7BL350N
		BL-4.0		100 cm	GC-K5BL400N	GC-K6BL400NM	GC-K7BL400N
		BL-4.5		100 cm	GC-K5BL450N	GC-K6BL450NM	GC-K7BL450N
Curves for Radial Access	Ikari-Curve Left	IL-3.0		100 cm	-	GC-K6IL300NM	-
		IL-3.5		100 cm	GC-K5IL350N	GC-K6IL350NM	GC-K7IL350N
		IL-4.0		100 cm	GC-K5IL400N	GC-K6IL400NM	GC-K7IL400N
	Ikari-Curve Right	IR-4.5		100 cm	-	GC-K6IR450NM	-
		IR-1.0		100 cm	-	GC-K6IR100NM	-
		IR-1.5		100 cm	GC-K5IR150N	GC-K6IR150NM	GC-K7IR150N
Curves for Bypass	Tiger	IR-2.0		100 cm	GC-K5IR200N	GC-K6IR200NM	GC-K7IR200N
		TR-5.0		100 cm	GC-K5TR500N	GC-K6TR500NM	GC-K7TR500N
	Multipurpose	MP-L		100 cm	GC-K5MP030N	GC-K6MP030NM	GC-K7MP030N
		IMA		100 cm	GC-K5IMA10N	GC-K6IMA10NM	GC-K7IMA10N
Bypass Left	BP-L		100 cm	GC-K5BP010N	GC-K6BP010NM	GC-K7BP010N	
	Bypass Right	BP-R		100 cm	GC-K5BP020N	GC-K6BP020NM	GC-K7BP020N

ISS50/13GE1114/MDI

5 in 6 System		
Shape	Length	Item reference code
Straight	120 cm	GC-K5ST012NQ

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.

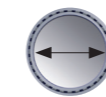
Product Characteristics

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

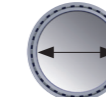
- Frictionless insertion even in tortuous or calcified anatomy
- Reduced risk of spasm in TRI procedure
- Tactile 1:1 torque control of the tip

Durable back-up support thanks to the dedicated shaft construction

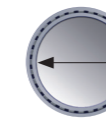
- Encapsulated high strength flat braiding to provide high kink resistance, pushability and reliable back-up support
- Polyamide outer shaft material to enhance shape retention and minimal temperature softening during complex procedures
- Distal 7 cm uncoated part to ensure good grip at the ostium and controlateral 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 / 1.76 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	
Standard curves	Amplatz Left (AL)	0,75	GC-P5AL070N	GC-P6AL070N	GC-P6AL070A	GC-P7AL070N	GC-P7AL070A	GC-P8AL070N	GC-P8AL070A
		1	GC-P5AL100N	GC-P6AL100N	GC-P6AL100A	GC-P7AL100N	GC-P7AL100A	GC-P8AL100N	GC-P8AL100A
		1,5	GC-P5AL150N	GC-P6AL150N	GC-P6AL150A	GC-P7AL150N	GC-P7AL150A	GC-P8AL150N	GC-P8AL150A
		2	GC-P5AL200N	GC-P6AL200N	GC-P6AL200A	GC-P7AL200N	GC-P7AL200A	GC-P8AL200N	GC-P8AL200A
		3	GC-P5AL300N	GC-P6AL300N	GC-P6AL300A	GC-P7AL300N	GC-P7AL300A	GC-P8AL300N	GC-P8AL300A
	Amplatz Right (AR)	1	GC-P5AR100N	GC-P6AR100N	GC-P6AR100A	GC-P7AR100N	GC-P7AR100A	GC-P8AR100N	GC-P8AR100A
		2	GC-P5AR200N	GC-P6AR200N	GC-P6AR200A	GC-P7AR200N	GC-P7AR200A	GC-P8AR200N	GC-P8AR200A
	Judkins Left (JL)	3	GC-P5JL300N	GC-P6JL300N	GC-P6JL300A	GC-P7JL300N	GC-P7JL300A	GC-P8JL300N	GC-P8JL300A
		3,5	GC-P5JL350N	GC-P6JL350N	GC-P6JL350A	GC-P7JL350N	GC-P7JL350A	GC-P8JL350N	GC-P8JL350A
		4	GC-P5JL400N	GC-P6JL400N	GC-P6JL400A	GC-P7JL400N	GC-P7JL400A	GC-P8JL400N	GC-P8JL400A
		4,5	GC-P5JL450N	GC-P6JL450N	GC-P6JL450A	GC-P7JL450N	GC-P7JL450A	GC-P8JL450N	GC-P8JL450A
		5	GC-P5JL500N	GC-P6JL500N	GC-P6JL500A	GC-P7JL500N	GC-P7JL500A	GC-P8JL500N	GC-P8JL500A
		6	GC-P5JL600N	GC-P6JL600N	GC-P6JL600A	GC-P7JL600N	GC-P7JL600A	GC-P8JL600N	GC-P8JL600A
	Judkins Right (JR)	3	GC-P5JR300N	GC-P6JR300N	GC-P6JR300A	GC-P7JR300N	GC-P7JR300A	GC-P8JR300N	GC-P8JR300A
		3,5	GC-P5JR350N	GC-P6JR350N	GC-P6JR350A	GC-P7JR350N	GC-P7JR350A	GC-P8JR350N	GC-P8JR350A
		4	GC-P5JR400N	GC-P6JR400N	GC-P6JR400A	GC-P7JR400N	GC-P7JR400A	GC-P8JR400N	GC-P8JR400A
		4,5	GC-P5JR450N	GC-P6JR450N	GC-P6JR450A	GC-P7JR450N	GC-P7JR450A	GC-P8JR450N	GC-P8JR450A
		5	GC-P5JR500N	GC-P6JR500N	GC-P6JR500A	GC-P7JR500N	GC-P7JR500A	GC-P8JR500N	GC-P8JR500A
6		GC-P5JR600N	GC-P6JR600N	GC-P6JR600A	GC-P7JR600N	GC-P7JR600A	GC-P8JR600N	GC-P8JR600A	
Extra Backup curves	Extra BackUp for left coronary (EBU)	3	GC-P5EB300N	GC-P6EB300N	GC-P6EB300A	GC-P7EB300N	GC-P7EB300A	GC-P8EB300N	GC-P8EB300A
		3,25	GC-P5EB320N	GC-P6EB320N	GC-P6EB320A	GC-P7EB320N	GC-P7EB320A	GC-P8EB320N	GC-P8EB320A
		3,5	GC-P5EB350N	GC-P6EB350N	GC-P6EB350A	GC-P7EB350N	GC-P7EB350A	GC-P8EB350N	GC-P8EB350A
		3,75	GC-P5EB370N	GC-P6EB370N	GC-P6EB370A	GC-P7EB370N	GC-P7EB370A	GC-P8EB370N	GC-P8EB370A
		4	GC-P5EB400N	GC-P6EB400N	GC-P6EB400A	GC-P7EB400N	GC-P7EB400A	GC-P8EB400N	GC-P8EB400A
		4,25	GC-P5EB420N	GC-P6EB420N	GC-P6EB420A	GC-P7EB420N	GC-P7EB420A	GC-P8EB420N	GC-P8EB420A
		4,5	GC-P5EB450N	GC-P6EB450N	GC-P6EB450A	GC-P7EB450N	GC-P7EB450A	GC-P8EB450N	GC-P8EB450A
		4,75	GC-P5EB470N	GC-P6EB470N	GC-P6EB470A	GC-P7EB470N	GC-P7EB470A	GC-P8EB470N	GC-P8EB470A
	Extra BackUp for right coronary (XBRCA)	5	GC-P5EB500N	GC-P6EB500N	GC-P6EB500A	GC-P7EB500N	GC-P7EB500A	GC-P8EB500N	GC-P8EB500A
		3	GC-P5XR300N	GC-P6XR300N	GC-P6XR300A	GC-P7XR300N	GC-P7XR300A	GC-P8XR300N	-
		3,5	GC-P5XR350N	GC-P6XR350N	GC-P6XR350A	GC-P7XR350N	GC-P7XR350A	GC-P8XR350N	-
		3,75	GC-P5XR370N	GC-P6XR370N	GC-P6XR370A	GC-P7XR370N	GC-P7XR370A	GC-P8XR370N	-
		4	GC-P5XR400N	GC-P6XR400N	GC-P6XR400A	GC-P7XR400N	GC-P7XR400A	GC-P8XR400N	-
		4,25	GC-P5XR420N	GC-P6XR420N	GC-P6XR420A	GC-P7XR420N	GC-P7XR420A	GC-P8XR420N	-
		4,5	GC-P5XR450N	GC-P6XR450N	GC-P6XR450A	GC-P7XR450N	GC-P7XR450A	GC-P8XR450N	-
Other curves	Multipurpose	-	GC-P5MP000N	GC-P6MP000N	GC-P6MP000A	GC-P7MP000N	GC-P7MP000A	-	-
	Multipurpose 125 cm shaft	-	-	GC-P6MP102N	-	-	-	-	-
	HockeyStick	-	GC-P5HS000N	GC-P6HS000N	GC-P6HS000A	GC-P7HS000N	GC-P7HS000A	-	-
Curves for Bypass	IMA	-	GC-P5IM000N	GC-P6IM000N	GC-P6IM000A	GC-P7IM000N	GC-P7IM000A	-	-
	Bypass	-	GC-P5BP010N	GC-P6BP010N	GC-P6BP010A	GC-P7BP010N	GC-P7BP010A	-	-
		-	GC-P5BP020N	GC-P6BP020N	GC-P6BP020A	GC-P7BP020N	GC-P7BP020A	-	-
Curves for Radial access	Tiger (TIG)	3	GC-P5TR300N	GC-P6TR300N	-	-	-	-	-
		3,5	GC-P5TR350N	GC-P6TR350N	-	-	-	-	-
		4	GC-P5TR400N	GC-P6TR400N	-	-	-	-	-
		4,5	GC-P5TR450N	GC-P6TR450N	-	-	-	-	-
		5	GC-P5TR500N	GC-P6TR500N	-	-	-	-	-

Please quote above item reference code when placing an order

ISS50/46B1114MDI

ISS50/46B1114MDIII

Runthrough® NS

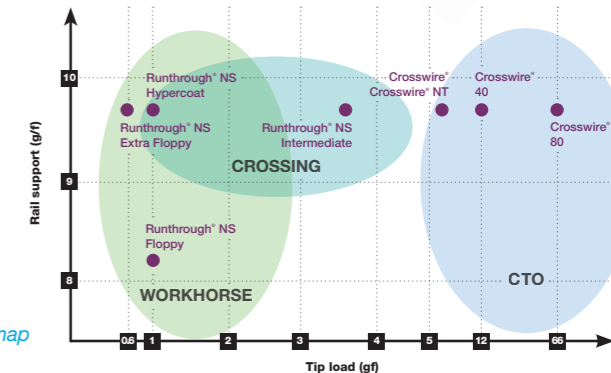
PTCA Guidewire



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 Floppy	Workhorse	0.6 gf	10 mm	Stiffer	Hydrophilic	2 mm silicone	TW-AS418XA
Runthrough® NS Floppy	Workhorse	1 gf	10 mm	Moderate	Hydrophilic	2 mm silicone	TW-AS418FA
Runthrough® NS Hypercoat	Crossing	1 gf	14 mm	Stiffer	Enhanced hydrophilic	-	TW-DS418FH
Runthrough® NS Intermediate	Crossing	3.6 gf	10 mm	Stiffer	Hydrophilic	2 mm silicone	TW-DS418IA
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

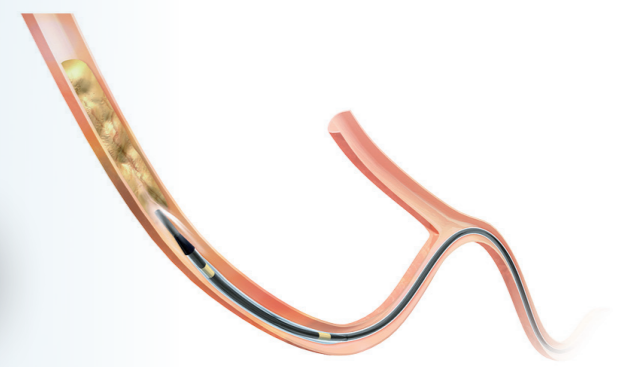
Item Specifications

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	CW*NA1418SM
Crosswire®	180 cm	5.5 gf	Stiffer	0.014" (0.36 mm)	3 cm	180 cm	Straight	CW*NS1418SM
Crosswire® 40	180 cm	12.5 gf	Stiffer	0.014" (0.36 mm)	3 cm	180 cm	Straight	CW*NS1418H4M
Crosswire® 80	180 cm	66.2 gf	Stiffer	0.014" (0.36 mm)	3 cm	180 cm	Straight	CW*NS1418H8M

Please quote above item reference code when placing an order

RyujiTM Plus

PTCA Balloon Catheter

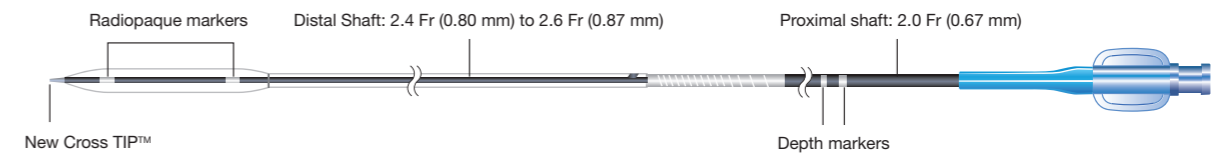


RyujiTM Plus rapid exchange balloon catheter is intended to be used for percutaneous transluminal coronary angioplasty (PTCA) for the purpose of improving myocardial blood flow in the localized stenotic lesion of the coronary arteries.

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 / 10 mm) 0.42 mm (others)
Coating	Hydrophilic

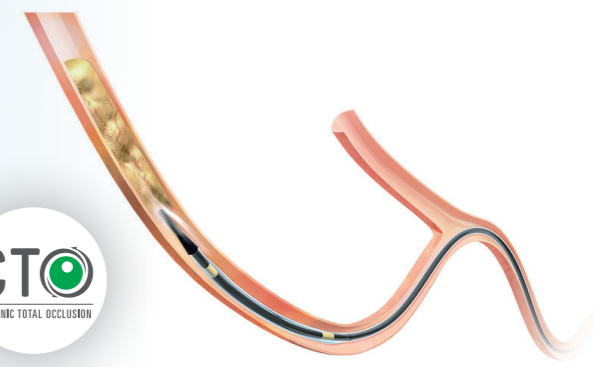
Item Specifications

Product name	Balloon length (mm)				
	10	15	20	30	40
1.25	DC-RH1210EH*	DC-RH1215EH*	—	—	—
1.50	—	DC-RH1515EH*	DC-RH1520EH*	—	—
2.00	—	DC-RH2015EHW	DC-RH2020EHW	DC-RH2030EHW	DC-RH2040EHW
2.25	DC-RH2210EHW	DC-RH2215EHW	DC-RH2220EHW	DC-RH2230EHW	DC-RH2240EHW
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



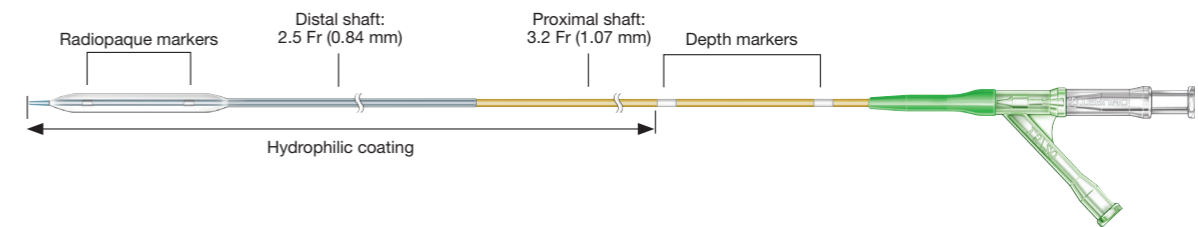
RyujiTM Plus OTW is intended to be used for percutaneous transluminal coronary angioplasty (PTCA) for the purpose of improving myocardial blood flow in the localized stenotic lesion of the coronary arteries.

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	20
Normal shaft (135 cm)	1.25	DC-PH1210PH*	—	—
	1.50	—	DC-PH1515PH*	—
	2.00	—	—	DC-PH2020PHW
	2.50	—	—	DC-PH2520PHW
Long shaft (148 cm)	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

Oustanding pushability

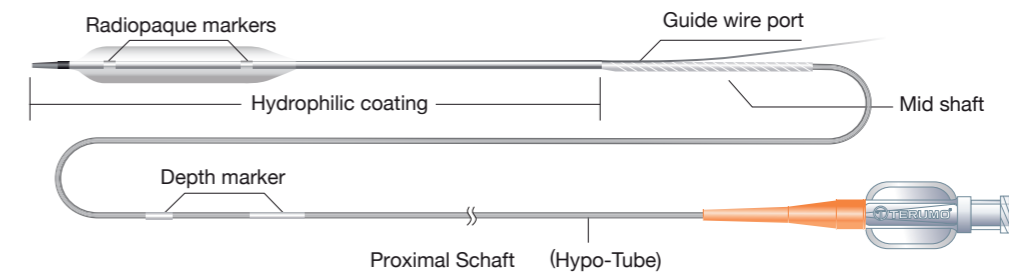
- New mid shaft construction, between flexibility and stiffness, maximising the transmission force to the distal part
- Modified guidewire exit port for a more durable Tazuna in complex procedures
- Low profile and thicker hypotube to enhance pushability and kink resistance

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

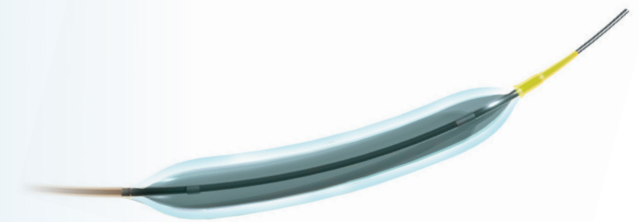
Item Specifications

Balloon diameter (mm)	Balloon length (mm)		
	10	15	20
1.25	DC-RK1210EH*	DC-RK1215EH*	—
1.50	DC-RK1510EH*	DC-RK1515EH*	—
2.00	DC-RK2010EH*	DC-RK2015EHW	DC-RK2020EHW
2.25	DC-RK2210EH*	DC-RK2215EHW	DC-RK2220EHW
2.50	DC-RK2510EHW	DC-RK2515EHW	DC-RK2520EHW
2.75	—	DC-RK2715EHW	DC-RK2720EHW
3.00	DC-RK3010EHW	DC-RK3015EHW	DC-RK3020EHW

* 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

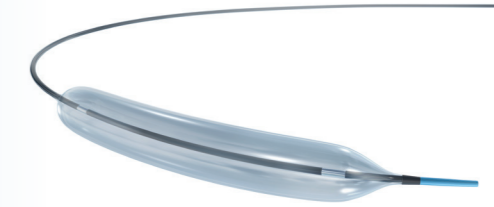
Balloon diameter (mm)	Balloon length (mm)			
	6	10	15	20
2.25	DC-RJ2206EBW	DC-RJ2210EBW	DC-RJ2215EHW	DC-RJ2220EHW
2.50	DC-RJ2506EBW	DC-RJ2510EBW	DC-RJ2515EHW	DC-RJ2520EHW
2.75	DC-RJ2706EBW	DC-RJ2710EBW	DC-RJ2715EHW	DC-RJ2720EHW
3.00	DC-RJ3006EBW	DC-RJ3010EBW	DC-RJ3015EHW	DC-RJ3020EHW
3.25	DC-RJ3206EBW	DC-RJ3210EBW	DC-RJ3215EHW	DC-RJ3220EHW
3.50	DC-RJ3506EBW	DC-RJ3510EBW	DC-RJ3515EHW	DC-RJ3520EHW
3.75	DC-RJ3706EBW	DC-RJ3710EBW	DC-RJ3715EHW	DC-RJ3720EHW
4.00	DC-RJ4006EBW	DC-RJ4010EBW	DC-RJ4015EHW	DC-RJ4020EHW
4.50	DC-RJ4506EBW	DC-RJ4510EBW	—	—
5.00	DC-RJ5006EBW	DC-RJ5010EBW	—	—

Please quote above item reference code when placing an order

KS350/19GB114MDI

Accuforce®

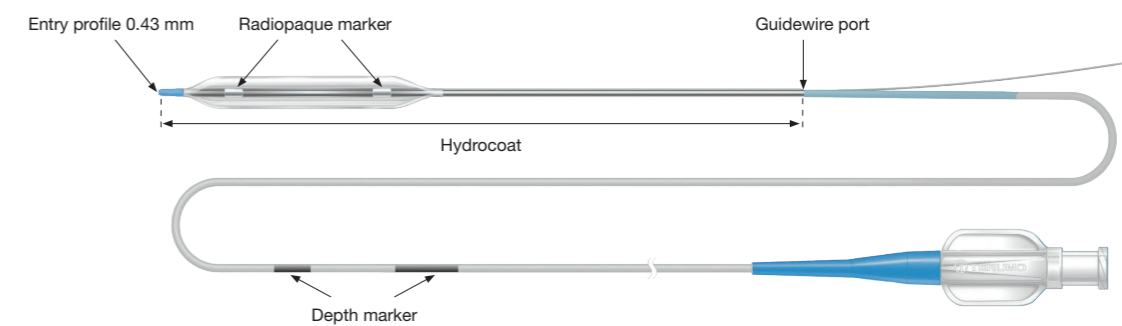
Non Compliant PTCA Dilatation Balloon Catheter



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 shaft¹
- Improved accuracy of dilatation even in the most challenging cases with shorter balloon shoulders^{1,2}



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		
2.25	DC-RM2206HSW	DC-RM2208HSW	DC-RM2212HSW	DC-RM2215HSW	DC-RM2220HSW		
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		
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		
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		
4.00	DC-RM4006HSW	DC-RM4008HSW	DC-RM4012HSW	DC-RM4015HSW	DC-RM4020HSW		
4.50	DC-RM4506HSW	DC-RM4508HSW	DC-RM4512HSW	DC-RM4515HSW			
5.00	DC-RM5006HSW	DC-RM5008HSW	DC-RM5012HSW	DC-RM5015HSW			

Please quote above item reference code when placing an order

(1) Comparison with Hiryu. Non Compliant PTCA Balloon Catheter manufactured by Terumo Corporation.

(2) Data on file at Terumo Corporation. Compliance comparison from benchmark tests data vs. Medtronic Inc NC Sprinter™, vs. Abbott NC Trek™, vs. Boston Scientific NC Quantum Apex™, vs. Cordis J&J Empira NCTM and vs. Biotronik Pantera LEOTM. 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

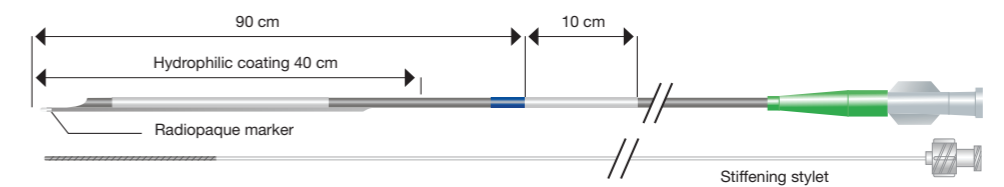
- To improve crossability, while providing atraumatic and efficient aspiration
- To ensure excellent fluoroscopic visibility

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



Locking syringes 30 ml



Extension line with 2-way stopcock

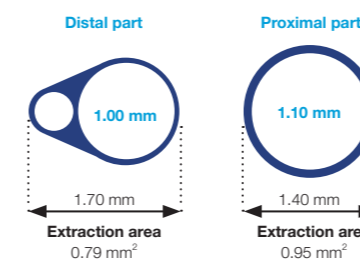


Flushing tool

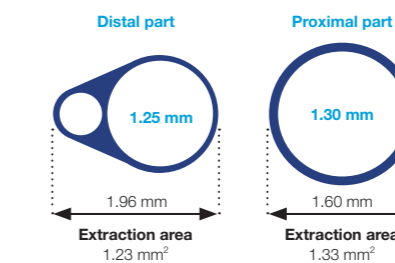


Filter basket

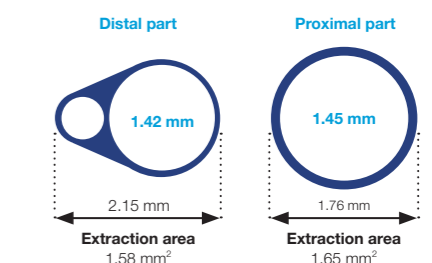
6 Fr guide catheter compatibility



7 Fr guide catheter compatibility



8 Fr guide catheter compatibility



General Specifications

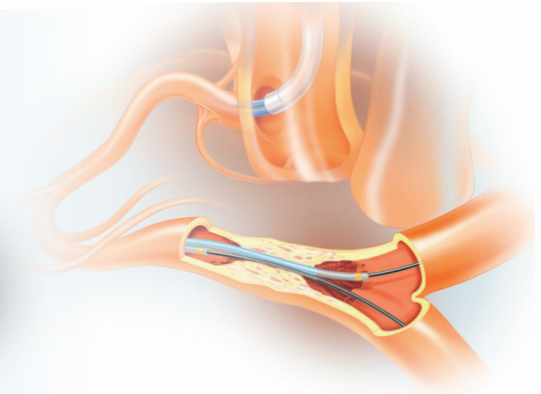
Usable length	140 cm
Distal tip hole length	4 mm for 6 and 7 Fr, 7 mm for 8 Fr
Rapid exchange segment	23 cm
Radiopaque marker	1 mm located at 4 mm from the tip
Positioning marker	10 cm = single white mark located at 90 cm from distal tip
Guide wire compatibility	Maximum diameter 0.014" (0.36 mm)
Coating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

Item Specifications

	Guide catheter compatibility	Guide sheath compatibility	Eliminate
6 Fr	I.D. ≥ 0.070" / 1.78 mm	-	EG1602
7 Fr	I.D. ≥ 0.080" / 2.03 mm	-	EG1652
8 Fr	I.D. ≥ 0.086" / 2.18 mm	6 Fr	EG1401

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.

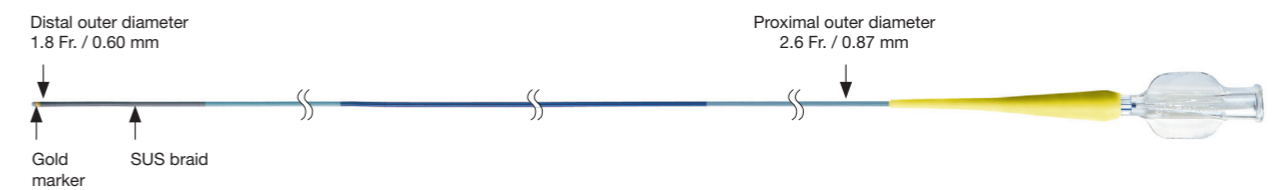
Product Characteristics

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" (0.45 mm)
Proximal outer diameter	2.6 Fr (0.87 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

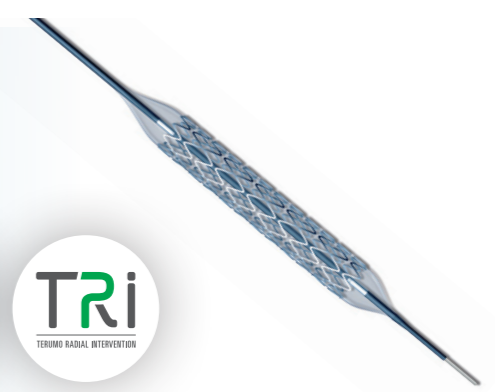
Item Specifications

Usable catheter length	Item reference code
130 cm	NC-F863A
150 cm	NC-F865A

Please quote above item reference code when placing an order

Nobori®

Drug Eluting Stent

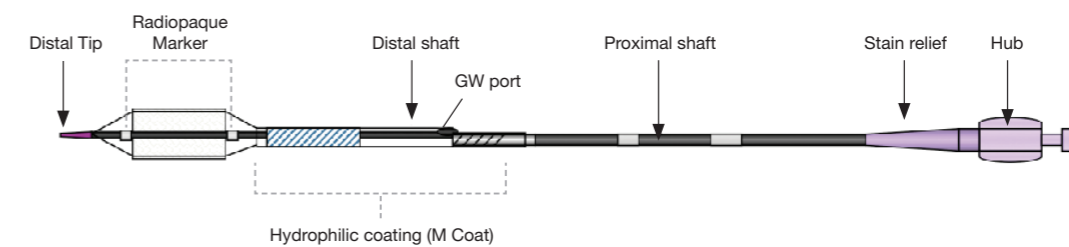


Nobori® Drug Eluting Stent is indicated for improving luminal diameter and reducing in-stent restenosis for the treatment of coronary artery lesions.

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 (810 kPa)
Rated burst pressure	16 atm (1621 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

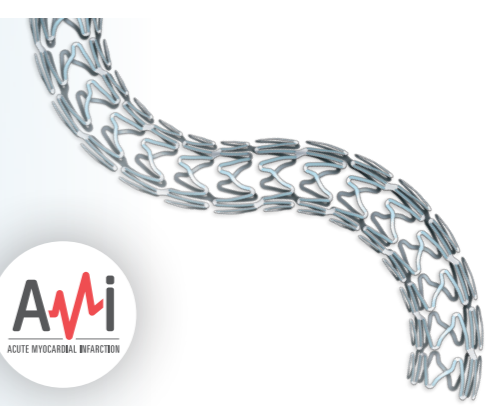
Item Specifications

Diameter (mm)	Length (mm)				
	8	14	18	24	28
2.25	DE-RA2208SM	DE-RA2214SM	DE-RA2218SM	DE-RA2224SM	DE-RA2228SM
2.50	DE-RA2508SM	DE-RA2514SM	DE-RA2518SM	DE-RA2524SM	DE-RA2528SM
2.75	DE-RA2708SM	DE-RA2714SM	DE-RA2718SM	DE-RA2724SM	DE-RA2728SM
3.00	DE-RA3008SM	DE-RA3014SM	DE-RA3018SM	DE-RA3024SM	DE-RA3028SM
3.50	DE-RA3508LM	DE-RA3514LM	DE-RA3518LM	DE-RA3524LM	DE-RA3528LM

Please quote above item reference code when placing an order

Ultimaster®

Drug Eluting Stent



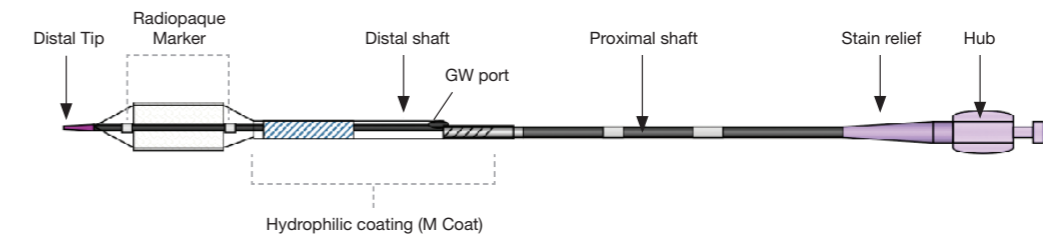
Ultimaster® CoCr Coronary Stent System is indicated for improving myocardial blood flow in patients with stenotic lesions in coronary arteries.

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 PDLLA-PCL polymer to eliminate long-term polymer exposure
- Abluminal 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	5 Fr (0.056" / 1.42 mm)
Usable length	144 cm

Stent Specifications

Stent design	Open cell
Stent material	Cobalt Chromium L605
Strut thickness	80 µm
Drug	Sirolimus
Drug dose	3.9 µg/mm stent length
Polymer	Poly (DL-lactide-co-caprolactone)
Coating	Abluminal & 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-RD2509KSM	DE-RD2512KSM	DE-RD2515KSM	DE-RD2518KSM	DE-RD2524KSM	DE-RD2528KSM	DE-RD2533KSM	DE-RD2538KSM
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

IS350/57GB114MDI

Please quote above item reference code when placing an order

CoCr Coronary Stent System Kaname®

Bare Metal Stent

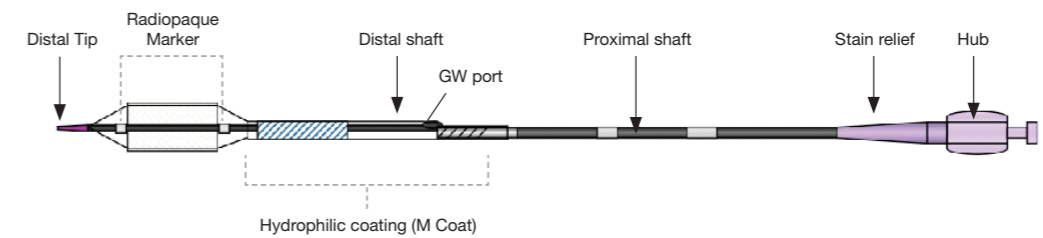


Kaname® CoCr Coronary Stent System is indicated for improving myocardial blood flow in patients with stenotic lesions in coronary arteries.

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 Ryujin™ 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 (911 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	4.00
9	CS-RD2509KW	CS-RD2709KW	CS-RD3009KW	CS-RD3509KW	CS-RD4009KW
12	CS-RD2512KW	CS-RD2712KW	CS-RD3012KW	CS-RD3512KW	CS-RD4012KW
15	CS-RD2515KW	CS-RD2715KW	CS-RD3015KW	CS-RD3515KW	CS-RD4015KW
18	CS-RD2518KW	CS-RD2718KW	CS-RD3018KW	CS-RD3518KW	CS-RD4018KW
24	CS-RD2524KW	CS-RD2724KW	CS-RD3024KW	CS-RD3524KW	CS-RD4024KW
28	CS-RD2528KW	CS-RD2728KW	CS-RD3028KW	CS-RD3528KW	CS-RD4028KW

Please quote above item reference code when placing an order

Tsunami[®] Gold

CORONARY STENT SYSTEM

Bare Metal Stent

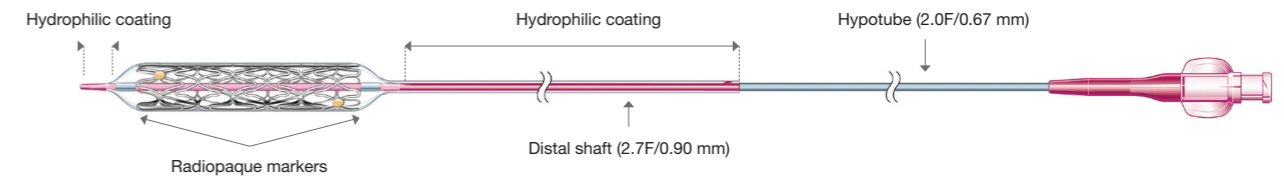


Tsunami[®] Gold Bare Metal Stent is intended for improving myocardial blood flow in patients with stenotic lesions in coronary arteries with a reference vessel diameter between 2.0 mm and 4.0 mm and up to 27 mm in length.

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) \ Length (mm)	2.00	2.25	2.50	3.00	3.50	4.00
8	CS-RA2008EWG	CS-RA2208EWG	CS-RA2508FWG	CS-RA3008FWG	CS-RA3508GWG	CS-RA4008GWG
10	CS-RA2010EWG	CS-RA2210EWG	CS-RA2510FWG	CS-RA3010FWG	CS-RA3510GWG	CS-RA4010GWG
13	CS-RA2013EWG	CS-RA2213EWG	CS-RA2513FWG	CS-RA3013FWG	CS-RA3513GWG	CS-RA4013GWG
15	CS-RA2015EWG	CS-RA2215EWG	CS-RA2515FWG	CS-RA3015FWG	CS-RA3515GWG	CS-RA4015GWG
18	—	—	CS-RA2518FWG	CS-RA3018FWG	CS-RA3518GWG	CS-RA4018GWG
20	—	—	CS-RA2520FWG	CS-RA3020FWG	CS-RA3520GWG	CS-RA4020GWG
23	—	—	CS-RA2523FWG	CS-RA3023FWG	CS-RA3523GWG	—
25	—	—	CS-RA2525FWG	CS-RA3025FWG	CS-RA3525GWG	—
30	—	—	CS-RA2530FWG	CS-RA3030FWG	CS-RA3530GWG	—

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

	Ordering code	Width	Height	Depth	Weight
Console unit	LW*10SG1 /	476 mm	1 550 mm	810 mm	120 kg
MDU*	LW*10SG3	367 mm	103 mm	115 mm	2 kg

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

FastView®

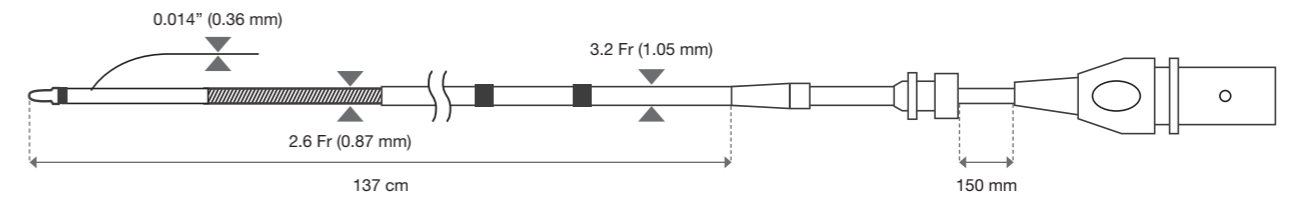
Coronary Imaging Catheter



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
OP-16P2613	2.6 Fr	24 mm	0.014" (0.36 mm)	137 cm	No	15 cm

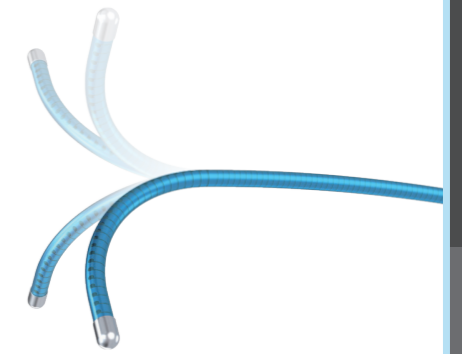
Please quote above item reference code when placing an order

ISS50/53GB0615MD III

*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 × width × depth)	Weight	Reference Code
15 cm × 32 cm × 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:**
Lunawave®
- **Catheter:**
FastView®

PCI

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

Renal Denervation System

- **Console & Catheter:**
Iberis®

Stents

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

Endovascular Intervention

Embolotherapy

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

Peripheral Intervention

- **Guiding Sheaths:**
Destination®
- **PTA Guidewires:**
Radifocus® Glidewire® Advantage™
Crosswire® / Crosswire® NT
Muso® Wire
- **PTA Dilatation Catheter:**
RX Muso®
Senri®
Renma®
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 with Radiopaque Marker
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 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*GA1218SM
Angled 90° x 4 mm	0.012" / 0.30 mm	180 cm	25 cm	RG*GE1218SM
Angled 1.5 mm J curve	0.012" / 0.30 mm	180 cm	25 cm	RG*GJ1218SM
Double angled 90° + 150°	0.012" / 0.30 mm	180 cm	25 cm	RG*GW1218SM
Angled 45° x 4 mm	0.016" / 0.41 mm	180 cm	25 cm	RG*GA1618SM
Angled 45° x 4 mm	0.016" / 0.41 mm	180 cm	35 cm	RG*GA1618FM
Angled 90° x 4 mm	0.016" / 0.41 mm	180 cm	35 cm	RG*GE1618FM
Double angled 90° + 150°	0.016" / 0.41 mm	180 cm	35 cm	RG*GW1618FM
Double Angled 90° + 90°	0.016" / 0.41 mm	180 cm	25 cm	RG*GV1618SM
Angled 45° x 4 mm	0.012" / 0.30 mm	200 cm	25 cm	RG*GA1220SM
Angled 90° x 4 mm	0.012" / 0.30 mm	200 cm	25 cm	RG*GE1220SM
Angled 1.5 mm J curve	0.012" / 0.30 mm	200 cm	25 cm	RG*GJ1220SM
Double angled 90° + 150°	0.012" / 0.30 mm	200 cm	25 cm	RG*GW1220SM
Angled 45° x 4 mm	0.016" / 0.41 mm	200 cm	35 cm	RG*GA1620FM
Angled 90° x 4 mm	0.016" / 0.41 mm	200 cm	35 cm	RG*GE1620FM
Double angled 90° + 150°	0.016" / 0.41 mm	200 cm	35 cm	RG*GW1620FM

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, microsphere, 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
Hydrophilic coating	M Coat® polymer
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 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° for 2.4 Fr only)



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
Progreat® Alpha 2.0 Fr Radiopaque marker	2.0 Fr / 0.67 mm	130 cm	0.019" / 0.49 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
Progreat® Alpha 2.0 Fr Radiopaque marker	2.0 Fr / 0.67 mm	150 cm	0.019" / 0.49 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
Progreat® 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 recommended	0.7 mm length / 0.7 mm from distal end	750 psi / 5171 kPa	0.53 ml	Pushable & Detachable to 0.018"	to 500 µm	to 700 µm	MC-PB2413
Progreat® 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 recommended	—	750 psi / 5171 kPa	0.53 ml	Pushable & Detachable to 0.018"	to 500 µm	to 700 µm	MC-PC2413
Progreat® 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 recommended	—	750 psi / 5171 kPa	0.53 ml	Pushable & Detachable to 0.018"	to 500 µm	to 700 µm	MC-PX2413
Progreat® 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 recommended	—	750 psi / 5171 kPa	0.58 ml	Pushable to 0.018"	to 500 µm	to 700 µm	MC-PC2415
Progreat® 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 recommended	2 markers / 0.7 mm length / 0.7 mm length spaced by 3 cm	750 psi / 5171 kPa	0.58 ml	Pushable & Detachable to 0.018"	to 500 µm	to 700 µm	MC-PV2415Y
Progreat® 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 & Detachable to 0.018"	to 700 µm	to 900 µm	MC-PP27111
Progreat® 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 & Detachable to 0.018"	to 700 µm	to 900 µm	MC-PP27131
Progreat® Ω 2.8 Fr	2.8 Fr / 0.93 mm	130 cm	0.027" / 0.70 mm	0.021" / 0.53 mm and less	—	900 psi / 6205 kPa	0.68 ml	Pushable & Detachable to 0.018"	to 700 µm	to 900 µm	MC-PC2813
Progreat® Ω 2.8 Fr Coaxial Radiopaque marker	2.8 Fr / 0.93 mm	130 cm	0.027" / 0.70 mm	0.021" / 0.53 mm and less	0.7 mm length / 0.7 mm from distal end + Guidewire with 3 cm gold coil	900 psi / 6205 kPa	0.68 ml	Pushable & Detachable to 0.018"	to 700 µm	to 900 µm	MC-PE28131ZB
Progreat® Ω 2.8 Fr 2 Radiopaque markers	2.8 Fr / 0.93 mm	150 cm	0.027" / 0.70 mm	0.021" / 0.53 mm and less	2 markers / 0.7 mm length / 0.7 mm length spaced by 3 cm	900 psi / 6205 kPa	0.68 ml	Pushable & Detachable to 0.018"	to 700 µm	to 900 µm	MC-PV2815Y

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.

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 & attrition¹:

- 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 subsized 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:

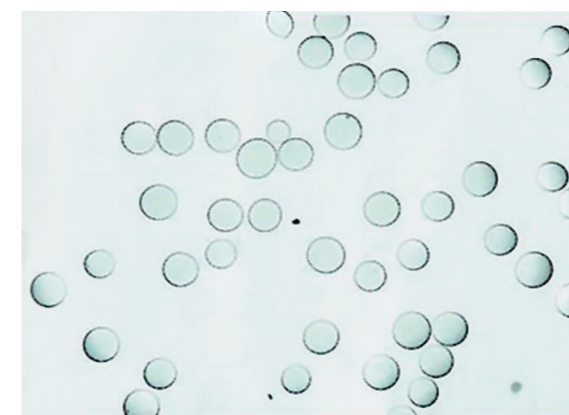
- Drug loaded LifePearl stays longer in suspension

SYRINGE PRESENTATION

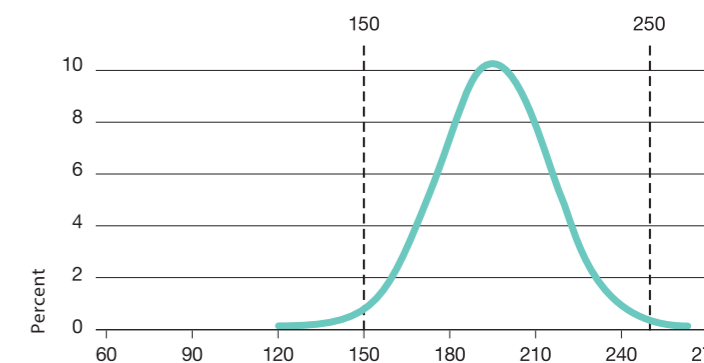
Easy Format:

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

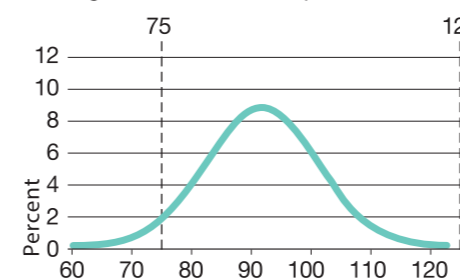
Less than 1% microspheres showed any observable damage in standard attrition testing.



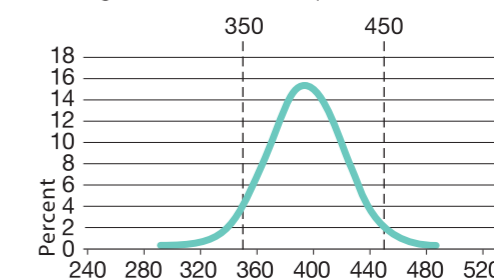
Histogram of LifePearl 200 µm



Histogram of LifePearl 100 µm



Histogram of LifePearl 400 µm


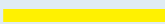



1 Data on file. Ref LPMC0V-004.
2 Data on file. Ref LPBTG-002, LPMC0V-003, LPMC0V-004.
3 Data on file. Comparison with Terumo's previously commercialized product. Ref LPMC0V-004.

General Specifications

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

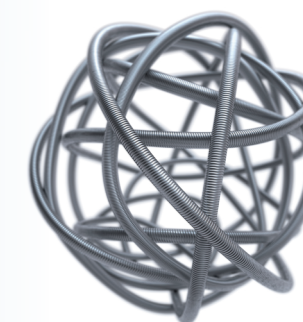
Item Specifications

LifePearl sizes	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[®] Framing Coil

Embolization coils

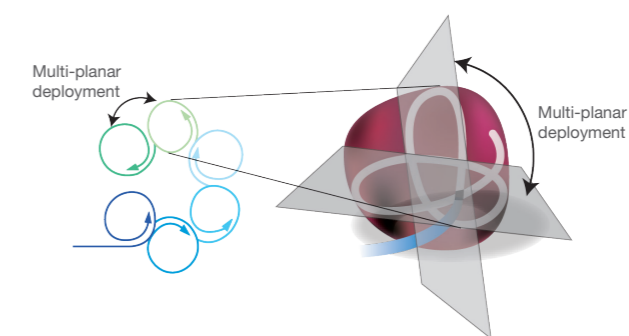


AZUR[®] Framing coil is a platinum coil that offers a three-dimensional shape to cover the aneurysm wall or the inner lumen of an artery.

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

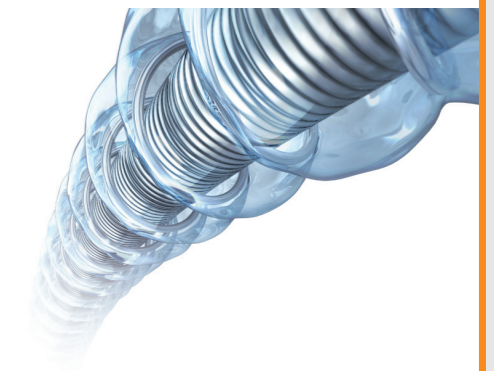
Please quote above item reference codes when placing an order

IS350/31GE114/MDI



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	Catheter / Microcatheter	Max length
AZUR [®] Detachable 18	0.021" (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	—
	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
0.035" AZUR [®] Detachable 35	3	—	—	45-450305	—	—	—	—
	4	—	—	45-450405	45-450410	45-450415	—	—
	5	—	—	45-450505	45-450510	45-450515	—	—
	6	—	—	—	45-450610	45-450615	45-450620	—
	8	—	—	—	—	45-450815	45-450820	—
	10	—	—	—	—	45-451015	45-451020	—
	12	—	—	—	—	45-451215	45-451220	45-451230
	15	—	—	—	—	—	45-451520	45-451530
20	—	—	—	—	—	45-452020	45-452030	

Product description	Item reference
AZUR [®] Detachment Controller for use with Detachable System - Pack of 5 units	45-4001

Please quote above item reference codes when placing an order

 Pushable system

General Specifications

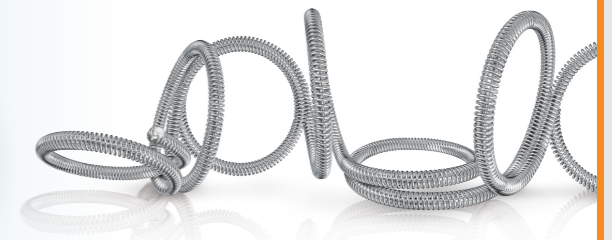
Coil type	Catheter / Microcatheter	Max length
AZUR® Pushable 18	0.021" – 0.022" (0.53 – 0.56 mm)	N/A
AZUR® Pushable 35	0.041" – 0.047" (1.04 – 1.19 mm)	N/A

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	—
	6	—	—	45-280606	45-280610	45-280614	45-280620
	8	—	—	—	45-280810	45-280814	45-280820
	10	—	—	—	—	45-281014	45-281020
0.035"	4	—	45-250404	45-250406	—	—	—
	5	—	—	45-250506	45-250510	—	—
	6	—	—	—	45-250610	45-250614	—
	8	—	—	—	45-250810	45-250814	45-250820
	10	—	—	—	—	45-251014	45-251020
	15	—	—	—	—	45-251514	45-251520
	16	—	—	—	—	—	45-251620

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
- Progreat 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	28 cm
45-781032	10 mm	32 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.

Microcatheter ID requirements			
Coil type	Microcatheter ID		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

ISS50/026GB114MDII

ISS50/606GB114MDI

MICROTHERMX[®]

Microwave Ablation System



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

The MicroThermX[®] 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

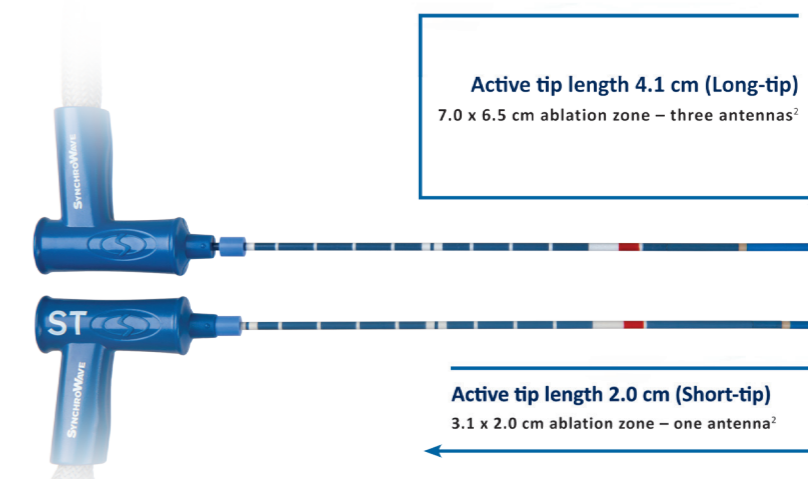
- Better than RFA because it is not affected by heat sink effect ($p < 0.0001$)
- More predictable and reproducible area of necrosis than 2.4 GHz microwave ($p = 0.002$)
- More consistent area of necrosis-synchronous technology
- Lower recurrence rate than RFA

MicroThermX[®] Generator:

- MicroThermX[®] 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



ISS50/61/GE1114/MDI



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

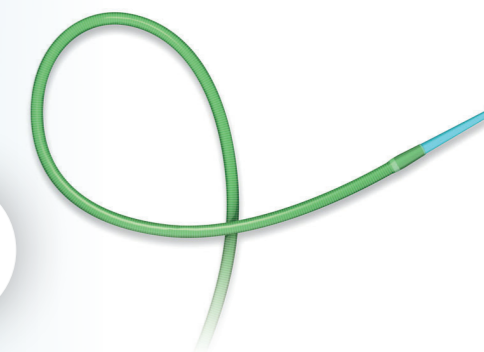
Item Specifications

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)
- Soft atraumatic tip
- PTFE inner layer which provides smooth device passage
- 5 different tip configurations available

General Specifications

Maximum guidewire size	0.038" / 0.97 mm
Radiopaque 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*F5ST1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Hockey stick	CCV	5 cm	GS*F5HS1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Multipurpose	CCV	5 cm	GS*F5MP1C45
5 Fr / 0.076" / 1.9 mm	45 cm	Renal Double Curve	CCV	5 cm	GS*F5RDCC45
5 Fr / 0.076" / 1.9 mm	45 cm	Left Internal Mammary Artery	CCV	5 cm	GS*F5LIMC45
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	54-84501
6 Fr / 0.087" / 2.2 mm	65 cm	Straight	CCV	35 cm	RSP01
7 Fr / 0.101" / 2.5 mm	65 cm	Straight	CCV	35 cm	RSP02
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*K5ST1T90B
5 Fr / 0.076" / 1.9 mm	90 cm	Multipurpose	TBV	15 cm	GS*K5MP1T90B
5 Fr / 0.076" / 1.9 mm	90 cm	Straight	CCV	15 cm	GS*K5ST1C90B
5 Fr / 0.076" / 1.9 mm	90 cm	Multipurpose	CCV	15 cm	GS*K5MP1C90B

*CCV = cross-cut valve. **TBV = Tuohy-Borst Valve.

Inner diameter	Length	Shape	Valve	Hydrophilic coating length	Item reference
6 Fr / 0.087" / 2.2 mm	90 cm	Straight	TBV	15 cm	RSC01
6 Fr / 0.087" / 2.2 mm	90 cm	Multipurpose	TBV	15 cm	RSC03
6 Fr / 0.087" / 2.2 mm	90 cm	Straight	CCV	15 cm	RSC05
6 Fr / 0.087" / 2.2 mm	90 cm	Multipurpose	CCV	15 cm	RSC07
7 Fr / 0.101" / 2.5 mm	90 cm	Straight	TBV	15 cm	RSC02
7 Fr / 0.101" / 2.5 mm	90 cm	Multipurpose	TBV	15 cm	RSC04
7 Fr / 0.101" / 2.5 mm	90 cm	Straight	CCV	15 cm	RSC06
7 Fr / 0.101" / 2.5 mm	90 cm	Multipurpose	CCV	15 cm	RSC08
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 dilators 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™ fusing 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 plastic 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	155 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

Crosswire[®] Crosswire[®] NT

Peripheral guidewire



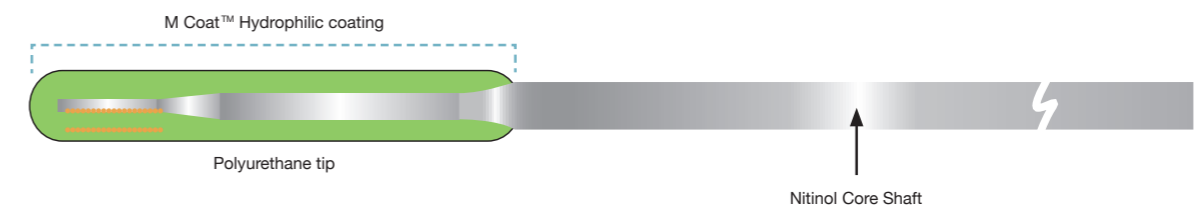
Crosswire[®] NT is a guidewire used in PCI to guide devices such as stents or PTCA balloon catheters.

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*NA1418SM	180 cm	0.014" (0.36 mm)	2 cm	40 cm	Straight
Crosswire [®]	CW*NS1418SM	180 cm	0.014" (0.36 mm)	3 cm	180 cm	Straight
Crosswire [®] 40	CW*NS1418H4M	180 cm	0.014" (0.36 mm)	3 cm	180 cm	Straight
Crosswire [®] 80	CW*NS1418H8M	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

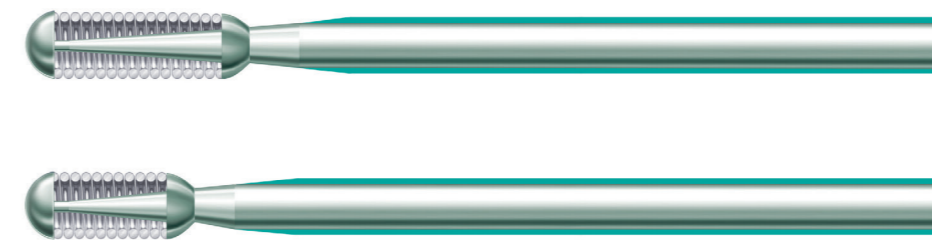


The Muso® Wire has a radiopaque spring coil that provides good visibility and shapeability.

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 (Shapeable)
Core shaft material	Stainless steel
Spring coil material	Stainless steel and Pt-Ni alloy
Surface coating	PTFE (proximal shaft) / Silicone (distal part)

Item Specifications

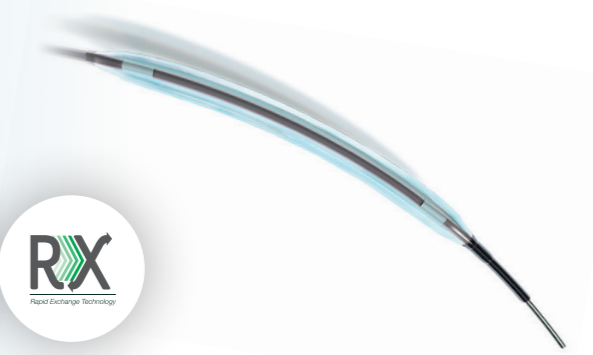
Tapered tip (mm)	Spring coil (mm)	Item reference
130	75	PW-SF1819LS
90	55	PW-SF1819RS

Please quote above item reference codes when placing an order



RX Muso®

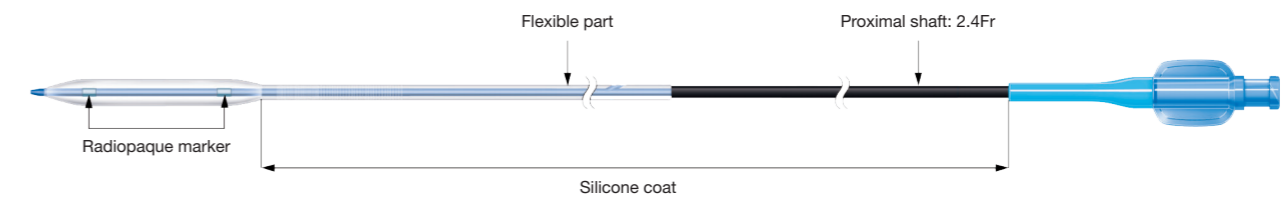
PTA dilatation catheter



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

Balloon material / folding	Polyamide / tri-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	90 cm / 150 cm
Balloon length	20 mm

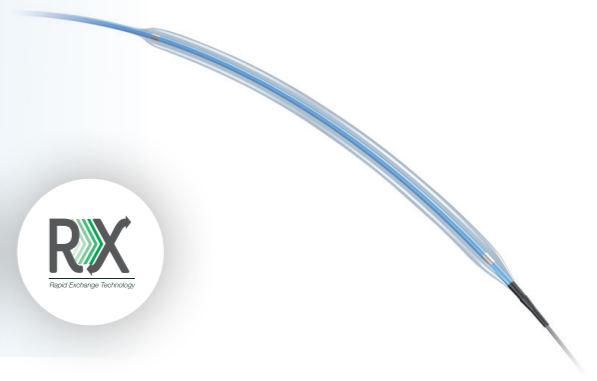
Item Specifications

Balloon diameter (mm)	Catheter length (cm)	
	90	150
4	BD-R402009N	BD-R402015N
5	BD-R502009N	BD-R502015N
6	BD-R602009N	BD-R602015N
7	BD-R702009N	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

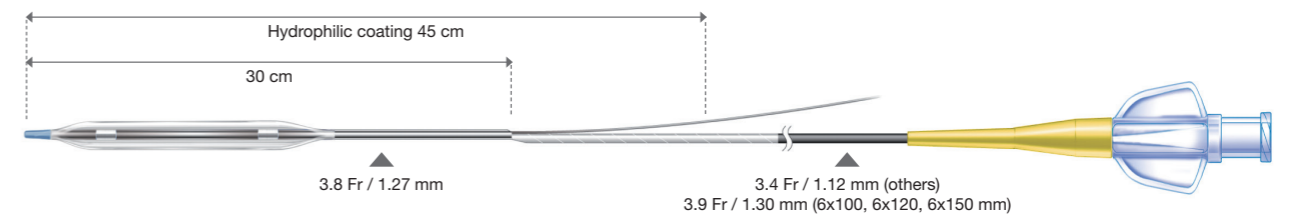
- Featuring an extremely low crossing profile, by a 3-folded (ø3.0-6.0mm) and 4-folded (ø7.0-8.0mm) balloon with high flexibility for successful crossability and superior trackability.
- The distal 45 cm catheter segment is hydrophilic coated for swift and easy navigation, even through complex anatomy.

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 / 811 kPa
Rated burst pressure	Ø 2-7 mm: 14 atm / 1419 kPa Ø 8 mm: 12 atm / 1216 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-S60100LH	BD-S60120LH	BD-S60150LH
7	BD-S7040L	BD-S7060L	BD-S7080L	—	—	—
8	BD-S8040L	BD-S8060L	—	—	—	—

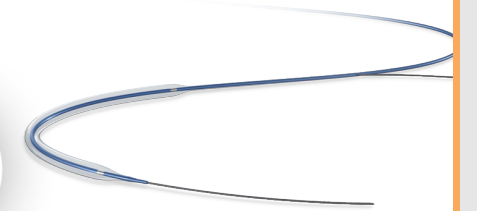
Please quote above item reference codes when placing an order



ISS00966E1114MDIII

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

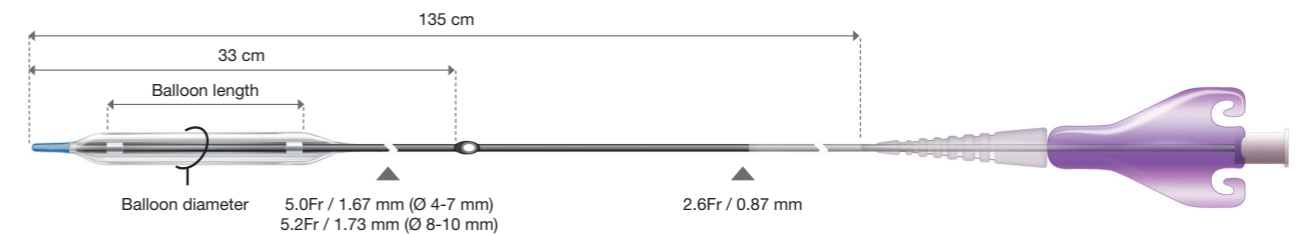
- Rapid exchange offers a faster and more convenient exchange of devices, saves radiation dose and enables the use of short guidewires
- Perfect match with self-expanding peripheral stent Misago® as well in RX design

Semi-compliant 6-folded balloon with SiLX² coating

- Featuring a low crossing profile and optimal re-folding for large diameters (Ø 7-10mm)
- SiLX² 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 folded (Ø 4-6 mm), 6 folded (Ø 7-10 mm)
Coating	SiLX ² coating
Shaft diameter	Proximal Part: 2.6 Fr (0.88mm), Distal Part: 4.0 – 7.0 mm 5.0 Fr (1.65 mm), 8.0 – 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

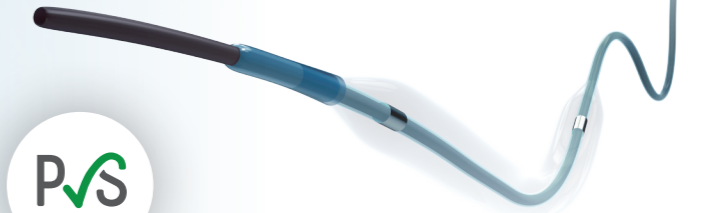
Balloon diameter (mm)	Reference codes					Rated Burst Pressure (RBP)	
	Balloon length (mm)					Balloon length (mm)	
	20	40	60	80	100	20, 40 and 60	80 and 100
4.0	BD-C40201DN	BD-C40401DN	BD-C40601DN	BD-C40801DN	BD-C40A01DN	16 atm / 1621 kPa	15 atm / 1520 kPa
5.0	BD-C50201DN	BD-C50401DN	BD-C50601DN	BD-C50801DN	BD-C50A01DN	14 atm / 1419 kPa	13 atm / 1317 kPa
6.0	BD-C60201DN	BD-C60401DN	BD-C60601DN	BD-C60801DN	BD-C60A01DN	13 atm / 1317 kPa	12 atm / 1216 kPa
7.0	BD-C70201DN	BD-C70401DN	BD-C70601DN	BD-C70801DN	BD-C70A01DN	12 atm / 1216 kPa	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	—

Please quote above item reference codes when placing an order

ISS09/54GB1114/MDII

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

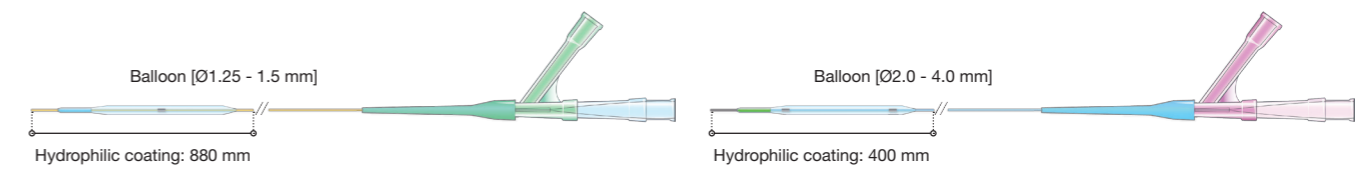
- Lowest balloon crossing profile, hydrophilic coating, provides reliable crossability
- Extreme support, OTW™, seamless, polymer shaft offers enhanced pushability, adequate kink resistance and fast deflation times

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

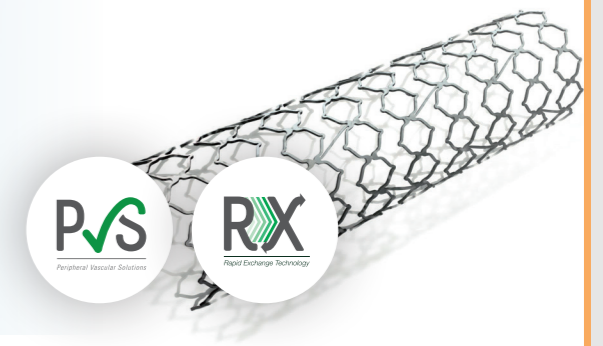
ISS50/62GBE114/MDI

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 mikron):

- 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:

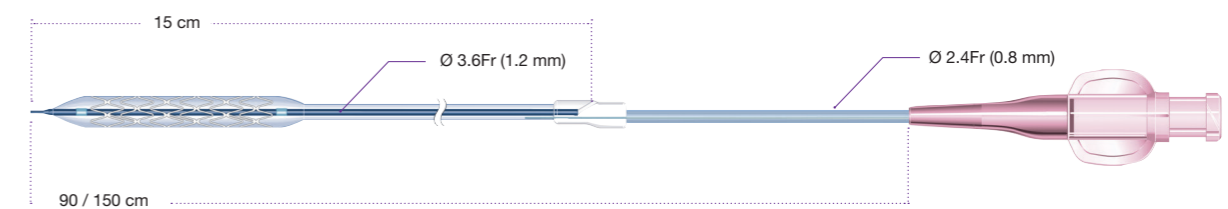
- for smooth transition from hypotube to RX segment
- for optimal transition of the push from shaft to balloon tip

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)				Crossing profile	IS/GC compatibility	NP/RBP
	90		150				
	Stent length (mm)						
5 mm	CS-AF5012M3	CS-AF5018M3	CS-AM5012M3	CS-AM5018M3	0.059"	5/6 Fr	8/12 bar
6 mm	CS-AF6012M3	CS-AF6018M3	CS-AM6012M3	CS-AM6018M3	0.062"	5/6 Fr	8/12 bar
7 mm	CS-AF7012P4	CS-AF7018P4	CS-AM7012P4	CS-AM7018P4	0.067"	6/7 Fr	10/12 bar

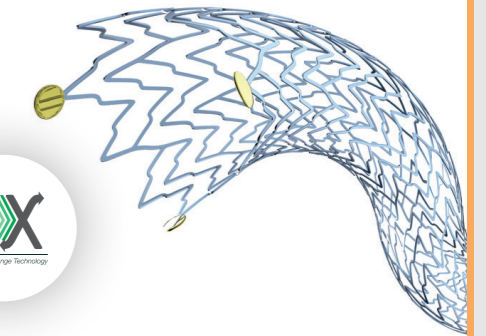
GC = Guide Catheter, IS = Introducer Sheath, NP = Nominal Pressure, RBP = Rated Burst Pressure
1 inch (") = 25.4 mm; 1 bar = 1.02 atm = 100 kPa; 1Fr = 0.33 mm

Please quote above item reference codes when placing an order 95

ISS0037GE1114IND011

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-VXA0540LN	SX-VXA0560LN	SX-VXA0580LN	SX-VXA05X0LN	—	—
6 mm	8	SX-VXA0640LN	SX-VXA0660LN	SX-VXA0680LN	SX-VXA06X0LN	SX-VXA06X2LN	SX-VXA06X5LN
7 mm	8	SX-VXA0740LN	SX-VXA0760LN	SX-VXA0780LN	SX-VXA07X0LN	SX-VXA07X2LN	SX-VXA07X5LN
8 mm	8	SX-VXA0840LN	SX-VXA0860LN	SX-VXA0880LN	SX-VXA08X0LN	—	—
9 mm	9	SX-VXA0940LN	SX-VXA0960LN	—	—	—	—
10 mm	9	SX-VXA1040LN	SX-VXA1060LN	—	—	—	—
RX segment length		46 cm	48 cm	50 cm	52 cm	64 cm	67 cm

ISS00368B114MDIII

Please quote above item reference codes when placing an order



NaviCross®

Support Catheter



PVS
Peripheral Vascular Solutions

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:

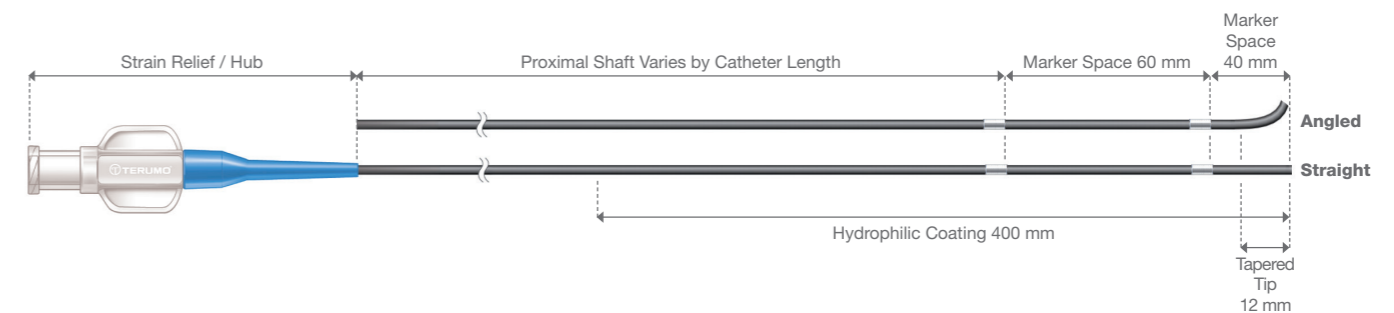
- Provides excellent steerability and efficient push transition in complex lesions;
- Enhances torqueability and prevents kinking.

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 Fr (1.39 mm)

Item Specifications

0.035" / 0.89 mm Wire Compatibility	65 cm	90 cm	135 cm	150 cm
Straight Tip	WS*NS350G3HM	WS*NS35093HM	WS*NS350N3HM	WS*NS35153HM
30° Angled Tip	WS*NA350G3HM	WS*NA35093HM	WS*NA350N3HM	WS*NA35153HM

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

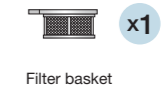
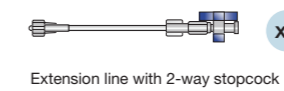
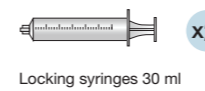
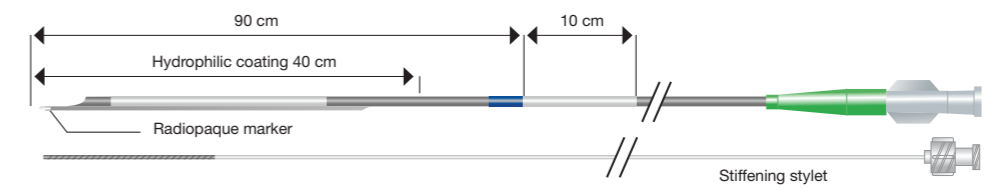
- To improve crossability, while providing atraumatic and efficient aspiration
- To ensure excellent fluoroscopic visibility

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

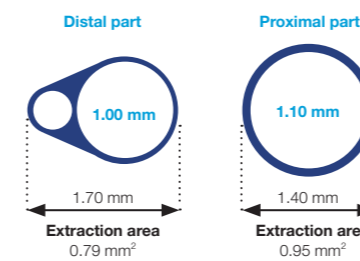
- For an improved pushability and kink resistance
- For easy navigation through tortuous anatomies

Large aspiration lumen

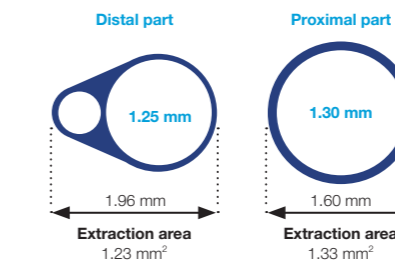
- For constant, high-performance aspiration throughout the procedure
- A choice of 3 sizes (6 Fr, 7 Fr and 8 Fr guide catheter compatibility) for different coronary and peripheral applications



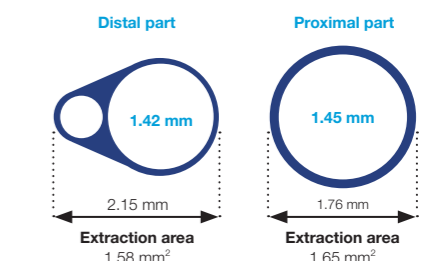
6 Fr guide catheter compatibility



7 Fr guide catheter compatibility



8 Fr guide catheter compatibility



General Specifications

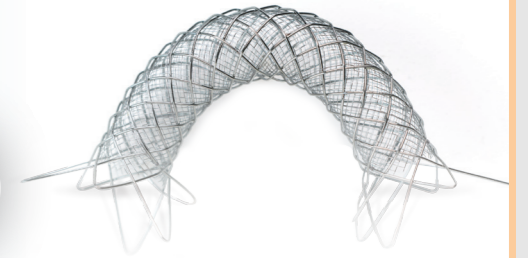
Usable length	140 cm
Distal tip hole length	4 mm for 6 and 7 Fr, 7 mm for 8 Fr
Rapid exchange segment	23 cm
Radiopaque marker	1 mm located at 4 mm from the tip
Positioning marker	10 cm = single white mark located at 90 cm from distal tip
Guide wire compatibility	Maximum diameter 0.014" (0.36 mm)
Coating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

Item Specifications

	Guide catheter compatibility	Guide sheath compatibility	Eliminate
6 Fr	I.D. ≥ 0.070" / 1.78 mm	-	EG1602
7 Fr	I.D. ≥ 0.080" / 2.03 mm	-	EG1652
8 Fr	I.D. ≥ 0.086" / 2.18 mm	6 Fr	EG1401

Please quote above item reference code when placing an order

Roadsaver®



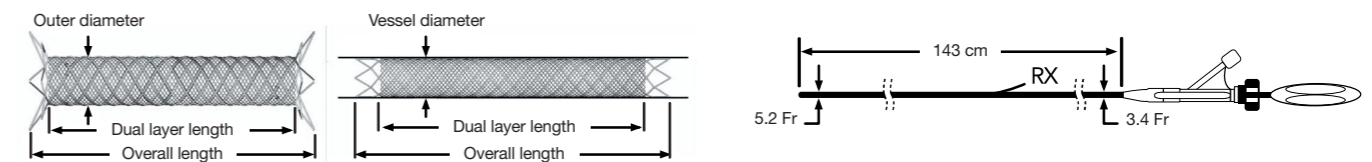
Carotid Artery Stent

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	Double layer, braided mesh
Material	Nitinol

Stent delivery system

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

Ordering Informations

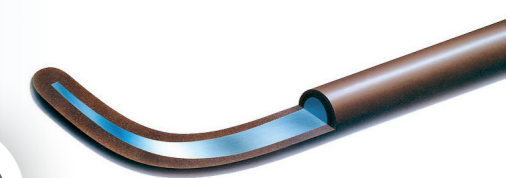
Product code	Unconstrained dimensions (mm)			Implanted dimensions (mm)					
	Stent diameter	Micromesh layer stent length	Overall stent length	Vessel Ø 1mm smaller than unconstrained Ø			Vessel Ø 2mm smaller than unconstrained Ø		
				Vessel diameter	Micromesh layer length	Overall length	Vessel diameter	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	25	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-0920-143RX	9	20	33	8	30	45	7	33	48
RDS-0930-143RX	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 user. 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 / 3 mm J shape / double angulation (Bolia 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



Item Specifications

Outer diameter	Length	Flexible length	Distal curve	Item reference
0.032" / 0.81 mm	120 cm	30 mm	Straight	RF-GS32123M
0.032" / 0.81 mm	120 cm	30 mm	Angled	RF-GA32123M
0.032" / 0.81 mm	150 cm	30 mm	Straight	RF-GS32153M
0.032" / 0.81 mm	150 cm	30 mm	Angled	RF-GA32153M
0.032" / 0.81 mm	180 cm	30 mm	Straight	RF-GS32183M
0.032" / 0.81 mm	180 cm	30 mm	Angled	RF-GA32183M
0.032" / 0.81 mm	260 cm	30 mm	Straight	RF-GS32263M
0.032" / 0.81 mm	260 cm	30 mm	Angled	RF-GA32263M
0.035" / 0.89 mm	50 cm	30 mm	Angled	RF-GA35053M
0.035" / 0.89 mm	80 cm	30 mm	Angled	RF-GA35083M
0.035" / 0.89 mm	120 cm	30 mm	Straight	RF-GS35123M
0.035" / 0.89 mm	120 cm	30 mm	Angled	RF-GA35123M
0.035" / 0.89 mm	150 cm	10 mm	Straight	RF-GS35151M
0.035" / 0.89 mm	150 cm	30 mm	Straight	RF+GS35153M
0.035" / 0.89 mm	150 cm	50 mm	Straight	RF-GS35155M
0.035" / 0.89 mm	150 cm	80 mm	Straight	RF-GS35158M
0.035" / 0.89 mm	150 cm	10 mm	Angled	RF-GA35151M
0.035" / 0.89 mm	150 cm	30 mm	Angled	RF+GA35153M
0.035" / 0.89 mm	150 cm	50 mm	Angled	RF-GA35155M
0.035" / 0.89 mm	150 cm	80 mm	Angled	RF-GA35158M
0.035" / 0.89 mm	180 cm	30 mm	J Angled (1.5 mm)	RF*GR35183M
0.035" / 0.89 mm	150 cm	30 mm	J Angled (3 mm)	RF*GB35153M
0.035" / 0.89 mm	180 cm	10 mm	Straight	RF-GS35181M
0.035" / 0.89 mm	180 cm	30 mm	Straight	RF-GS35183M
0.035" / 0.89 mm	180 cm	10 mm	Angled	RF-GA35181M
0.035" / 0.89 mm	180 cm	30 mm	Angled	RF+GA35183M
0.035" / 0.89 mm	180 cm	50 mm	Double Angulation (Bolia)	RF*GE35185M
0.035" / 0.89 mm	180 cm	80 mm	Double Angulation (Bolia)	RF*GE35188M
0.035" / 0.89 mm	220 cm	30 mm	Straight	RF-GS35223M
0.035" / 0.89 mm	220 cm	30 mm	Angled	RF-GA35223M
0.035" / 0.89 mm	260 cm	10 mm	Straight	RF-GS35261M
0.035" / 0.89 mm	260 cm	30 mm	Straight	RF-GS35263M
0.035" / 0.89 mm	260 cm	10 mm	Angled	RF-GA35261M
0.035" / 0.89 mm	260 cm	30 mm	Angled	RF+GA35263M
0.035" / 0.89 mm	300 cm	30 mm	Angled	RF-GA35303M
0.038" / 0.97 mm	150 cm	10 mm	Straight	RF-GS38151M
0.038" / 0.97 mm	150 cm	30 mm	Straight	RF-GS38153M
0.038" / 0.97 mm	150 cm	10 mm	Angled	RF-GA38151M
0.038" / 0.97 mm	150 cm	30 mm	Angled	RF+GA38153M
0.038" / 0.97 mm	180 cm	30 mm	Straight	RF-GS38183M
0.038" / 0.97 mm	180 cm	30 mm	Angled	RF-GA38183M
0.038" / 0.97 mm	220 cm	30 mm	Angled	RF-GA38223M
0.038" / 0.97 mm	260 cm	30 mm	Straight	RF-GS38263M
0.038" / 0.97 mm	260 cm	30 mm	Angled	RF-GA38263M

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.

ISS50/39GB1114MDII

ISS50/40GB1114MDII

Radifocus® Guidewire M

Stiff type

Guidewires



Radifocus® Guidewire M Stiff type are stiff Nitinol hydrophilic guidewires covered with polyurethane containing tungsten and an hydrophilic polymer coating (M Coat) for an improved torque control and shape memory as well as higher stiffness and resistance.

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

Product Characteristics

- **Super elastic Nitinol core:** improved torque control and superior stiffness, 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 a soft and atraumatic navigation and higher visibility (tungsten).
- **Extra flexible and non-traumatic tapered tip:** increased guidewire flexibility for a smooth and safer navigation through vessels.
- **Extra hydrophilic ("M" polymer coating):** smooth navigation (no friction) through catheter & 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 wire insertion.

General Specifications

Core material	Stiff tapered Nitinol
Radiopaque jacket	Polyurethane layer containing tungsten
Hydrophilic coating	"M" polymer
Guidewire diameters	0.020" (0.51 mm) / 0.025" (0.64 mm) / 0.035" (0.89 mm) / 0.038" (0.97 mm)
Guidewire lengths	80 cm / 150 cm / 180 cm / 260 cm / 300 cm
Distal flexible length	10 mm / 30 mm / 80 mm
Distal curves	Straight / 45° angled / 1.5 mm J shape / 2.0 mm J shape
Units per box	5

Item Specifications

Type	Outer diameter	Length	Flexible length	Distal curve	Item reference
Stiff	0.020" / 0.51 mm	150 cm	30 mm	Angled	RF-PA18153M
Stiff	0.020" / 0.51 mm	260 cm	30 mm	Angled	RF-PA18263M
Stiff	0.025" / 0.64 mm	150 cm	30 mm	Straight	RF-PS25153M
Stiff	0.025" / 0.64 mm	150 cm	30 mm	Angled	RF-PA25153M
Stiff	0.025" / 0.64 mm	180 cm	30 mm	Angled	RF-PA25183M
Stiff	0.025" / 0.64 mm	260 cm	30 mm	Straight	RF-PS25263M
Stiff	0.025" / 0.64 mm	260 cm	30 mm	Angled	RF-PA25263M
Stiff	0.035" / 0.89 mm	80 cm	30 mm	Straight	RF-PS35083M
Stiff	0.035" / 0.89 mm	80 cm	30 mm	Angled	RF-PA35083M
Stiff	0.035" / 0.89 mm	150 cm	30 mm	Straight	RF-PS35153M
Stiff	0.035" / 0.89 mm	150 cm	10 mm	Angled	RF-PA35151M
Stiff	0.035" / 0.89 mm	150 cm	30 mm	Angled	RF+PA35153M
Stiff	0.035" / 0.89 mm	180 cm	30 mm	Straight	RF-PS35183M
Stiff	0.035" / 0.89 mm	180 cm	30 mm	Angled	RF+PA35183M
Stiff	0.035" / 0.89 mm	180 cm	80 mm	Angled	RF*PA35188M
Half stiff	0.035" / 0.89 mm	180 cm	30 mm	J Angled (1.5 mm)	RF*HR35183M
Half stiff	0.035" / 0.89 mm	300 cm	30 mm	J Angled (1.5 mm)	RF*HR35303M
Half stiff	0.035" / 0.89 mm	180 cm	30 mm	J Angled (2.0 mm)	RF*HN35183M
Stiff	0.035" / 0.89 mm	260 cm	30 mm	Straight	RF-PS35263M
Stiff	0.035" / 0.89 mm	260 cm	30 mm	Angled	RF-PA35263M
Stiff	0.038" / 0.97 mm	80 cm	30 mm	Straight	RF-PS38083M
Stiff	0.038" / 0.97 mm	150 cm	30 mm	Straight	RF-PS38153M
Stiff	0.038" / 0.97 mm	150 cm	30 mm	Angled	RF-PA38153M
Stiff	0.038" / 0.97 mm	180 cm	30 mm	Straight	RF-PS38183M
Stiff	0.038" / 0.97 mm	180 cm	30 mm	Angled	RF-PA38183M
Stiff	0.038" / 0.97 mm	260 cm	30 mm	Angled	RF-PA38263M

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.

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 a 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*RA10188TM
0.011" / 0.28 mm	Angled 70%	RF*RB10188TM
0.016" / 0.41 mm	Angled 45%	RF*RA16188TM
0.016" / 0.41 mm	Angled 70%	RF*RB16188TM
0.018" / 0.46 mm	Angled 45%	RF*RA18188TM
0.018" / 0.46 mm	Angled 70%	RF*RB18188TM

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.**
- **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 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*GK35153M
0.035" / 0.89 mm	180 cm	30 mm	Straight	RE*GL35183M
0.035" / 0.89 mm	180 cm	30 mm	Angled	RE*GK35183M

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.



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
Stiff	0.035" / 0.89 mm	150 cm	30 mm	Straight	NV-PS35153M
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-GA35453M
Standard	0.032" / 0.81 mm	260 cm	30 mm	Straight	NV-GS32263M
Standard	0.032" / 0.81 mm	400 cm	30 mm	Straight	NV-GS32403M
Standard	0.035" / 0.89 mm	260 cm	30 mm	Straight	NV-GS35263M
Standard	0.035" / 0.89 mm	400 cm	30 mm	Straight	NV-GS35403M
Standard	0.035" / 0.89 mm	450 cm	30 mm	Straight	NV-GS35453M
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-PA25453M
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.

ISS0044GB114MDI

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*GA1218SM
Angled 90° x 4 mm	0.012" / 0.30 mm	180 cm	25 cm	RG*GE1218SM
Angled 1.5 mm J curve	0.012" / 0.30 mm	180 cm	25 cm	RG*GJ1218SM
Double angled 90° + 150°	0.012" / 0.30 mm	180 cm	25 cm	RG*GW1218SM
Angled 45° x 4 mm	0.016" / 0.41 mm	180 cm	25 cm	RG*GA1618SM
Angled 45° x 4 mm	0.016" / 0.41 mm	180 cm	35 cm	RG*GA1618FM
Angled 90° x 4 mm	0.016" / 0.41 mm	180 cm	35 cm	RG*GE1618FM
Double angled 90° + 150°	0.016" / 0.41 mm	180 cm	35 cm	RG*GW1618FM
Double Angled 90° + 90°	0.016" / 0.41 mm	180 cm	25 cm	RG*GV1618SM
Angled 45° x 4 mm	0.012" / 0.30 mm	200 cm	25 cm	RG*GA1220SM
Angled 90° x 4 mm	0.012" / 0.30 mm	200 cm	25 cm	RG*GE1220SM
Angled 1.5 mm J curve	0.012" / 0.30 mm	200 cm	25 cm	RG*GJ1220SM
Double angled 90° + 150°	0.012" / 0.30 mm	200 cm	25 cm	RG*GW1220SM
Angled 45° x 4 mm	0.016" / 0.41 mm	200 cm	35 cm	RG*GA1620FM
Angled 90° x 4 mm	0.016" / 0.41 mm	200 cm	35 cm	RG*GE1620FM
Double angled 90° + 150°	0.016" / 0.41 mm	200 cm	35 cm	RG*GW1620FM

Please quote above item reference code when placing an order

IS350/26GE114/ND/II



Radifocus® Introducer II Standard Kit

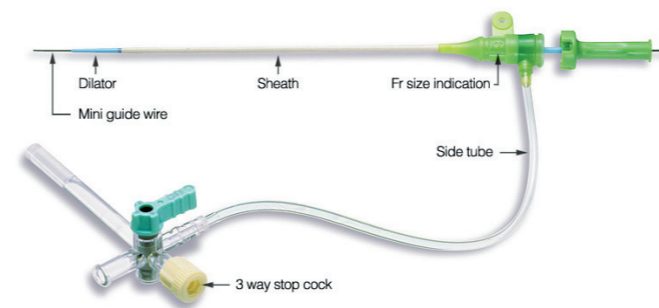
Introducer Sheath



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

A Kit

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 - 18G x 2 1/2" (1.2 x 64 mm), except for 4 Fr : 20G 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

Item Specifications

Inner diameter	Mini guidewire type	
	45 cm angled	45 cm straight
4 Fr	RS+A40K10AQ	RS+A40G10SQ
5 Fr	RS+A50K10AQ	RS+A50G10SQ
6 Fr	RS+A60K10AQ	RS+A60G10SQ
7 Fr	—	RS+A70K10SQ
8 Fr	—	RS+A80K10SQ
9 Fr	—	RS*A90K10SQ
10 Fr	—	RS*A10K10SQ
11 Fr	—	RS*A11K10SQ

Please quote above item reference codes when placing an order

B Kit

1st Type in tray with plastic mini guidewire

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	Guidewire compatibility	Sheath length 10 cm		Sheath length 25 cm
		Mini guidewire type		
		45 cm angled	45 cm straight	80 cm angled
4 Fr	0.025" (0.64 mm)	—	RS+B40G10SQ	—
4 Fr	0.035" (0.89 mm)	RS+B40K10AQ	RS+B40K10SQ	—
5 Fr	0.038" (0.97 mm)	RS+B50N10AQ	RS+B50N10SQ	RS+B50N25AQ
6 Fr	0.038" (0.97 mm)	—	RS+B60N10SQ	RS+B60N25AQ
7 Fr	0.038" (0.97 mm)	—	RS+B70N10SQ	RS+B70N25AQ
8 Fr	0.038" (0.97 mm)	—	RS+B80N10SQ	RS+B80N25AQ
9 Fr	0.038" (0.97 mm)	—	RS*B90N10SQ	RS*B90N25AQ
10 Fr	0.038" (0.97 mm)	—	RS*B10N10SQ	RS*B10N25AQ
11 Fr	0.038" (0.97 mm)	—	RS*B11N10SQ	RS*B11N25AQ

Please quote above item reference codes when placing an order



B Kit

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+B40K10MQ	—
5 Fr	RS+B50K10MQ	RS+B50N10MQ
6 Fr	RS+B60K10MQ	RS+B60N10MQ
7 Fr	RS+B70K10MQ	RS+B70N10MQ
8 Fr	RS+B80K10MQ	RS+B80N10MQ
9 Fr	RS*B90K10MQ	RS*B90N10MQ
10 Fr	RS*B10K10MQ	RS*B10N10MQ
11 Fr	RS*B11K10MQ	RS*B11N10MQ

Please quote above item reference codes when placing an order



C Kit

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+C40G10NR	—
4 Fr	0.035" (0.89 mm)	RS+C40K10NR	RS+C40K25NR
5 Fr	0.038" (0.97 mm)	RS+C50N10NR	—
6 Fr	0.038" (0.97 mm)	RS+C60N10NR	RS+C60N25NR
7 Fr	0.038" (0.97 mm)	RS+C70N10NR	RS+C70N25NR
8 Fr	0.038" (0.97 mm)	RS+C80N10NR	RS+C80N25NR
9 Fr	0.038" (0.97 mm)	RS*C90N10NR	—
10 Fr	0.038" (0.97 mm)	RS*C10N10NR	—
11 Fr	0.038" (0.97 mm)	RS*C11N10NR	—

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*B50N10MRD
6 Fr	RS*B60N10MRD
7 Fr	RS*B70N10MRD
8 Fr	RS*B80N10MRD
9 Fr	RS*B90N10MRD
10 Fr	RS*B10N10MRD
11 Fr	RS*B11N10MRD

Please quote above item reference codes when placing an order



R Kit

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+R40K10MQ
5 Fr	RS+R50N10MQ
6 Fr	RS+R60N10MQ
7 Fr	RS+R70N10MQ
8 Fr	RS+R80N10MQ
9 Fr	RS+R90N10MQ

Please quote above item reference codes when placing an order

Radifocus® Introducer II Radiopaque Marker Kit

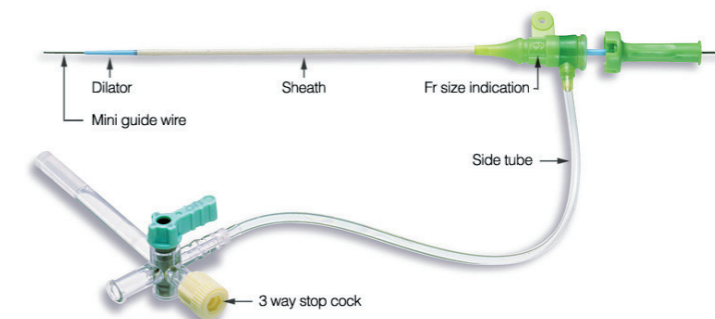


Introducer Sheath

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



B Kit

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

Item Specifications

Inner diameter	Sheath length	
	6 cm	10 cm
4 Fr	RB*B4SK06MC	RB*B4SK10MC
5 Fr	RB*B5SN06MC	RB*B5SN10MC
6 Fr	RB*B6SN06MC	RB*B6SN10MC
7 Fr	RB*B7SN06MC	RB*B7SN10MC
8 Fr	RB*B8SN06MC	RB*B8SN10MC
9 Fr	RB*B9SN06MC	RB*B9SN10MC

Please quote above item reference codes when placing an order



C Kit

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

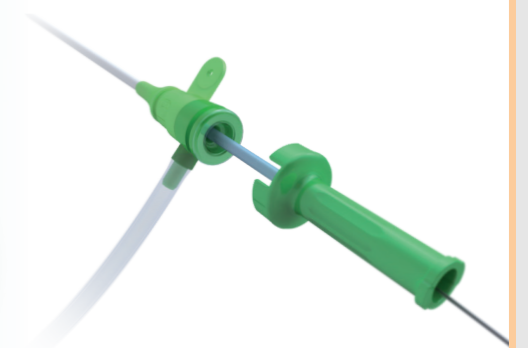
Item Specifications

Inner diameter	Sheath length		
	6 cm	10 cm	25 cm
4 Fr	RB*C4SK06NC	RB*C4SK10NC	RB*C4SK25NC
5 Fr	RB*C5SN06NC	RB*C5SN10NC	RB*C5SN25NC
6 Fr	RB*C6SN06NC	RB*C6SN10NC	RB*C6SN25NC
7 Fr	RB*C7SN06NC	RB*C7SN10NC	RB*C7SN25NC
8 Fr	RB*C8SN06NC	RB*C8SN10NC	RB*C8SN25NC
9 Fr	RB*C9SN06NC	RB*C9SN10NC	RB*C9SN25NC

Please quote above item reference codes when placing an order

Radifocus® Introducer II Pediatric Kit

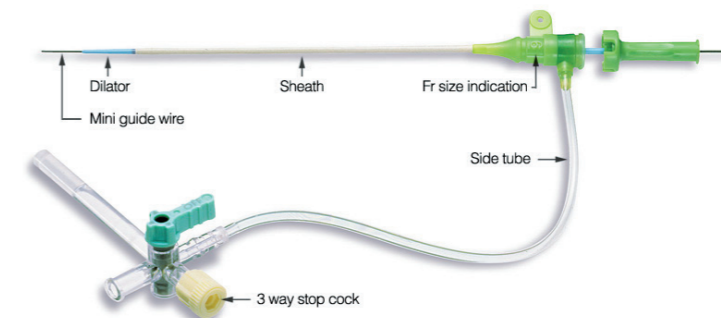
Introducer Sheath



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 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

Item Specifications

Inner diameter	Sheath length	
	5 cm	7 cm
4 Fr	—	RS+A40G07SQ
5 Fr	RS+A50G05SQ	RS+A50G07SQ
6 Fr	RS+A60G05SQ	RS+A60G07SQ

Please quote above item reference codes when placing an order

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

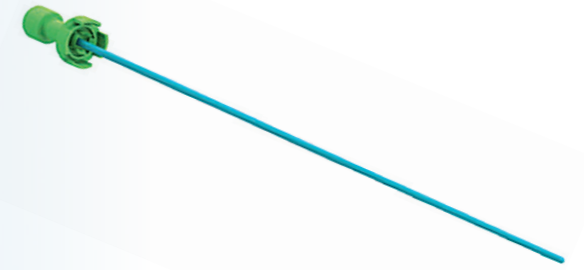
Item Specifications

Inner diameter	Sheath length	Item reference
4 Fr	7 cm	RS+B40G07SQ
5 Fr	7 cm	RS+B50G07SQ
6 Fr	7 cm	RS+B60G07SQ

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 propylene with a rounded tip

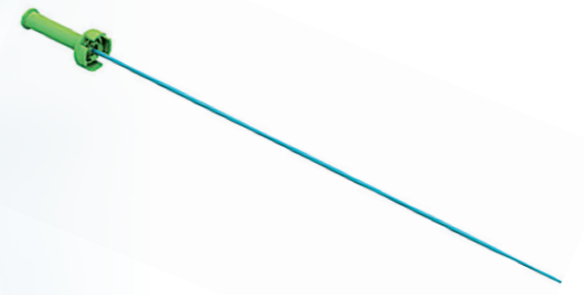
Item Specifications

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.

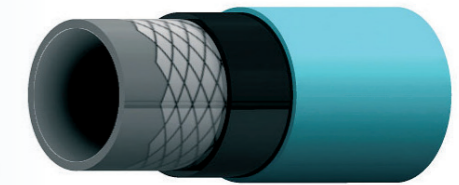
Item Specifications

Outer diameter	Length	Guidewire compatibility	
		0.035" (0.89 mm)	0.038" (0.97 mm)
4 Fr	15.5 cm	RF*VD40K10M	—
5 Fr	15.5 cm	RF*VD50K10M	RF*VD50N10M
6 Fr	15.5 cm	RF*VD60K10M	RF*VD60N10M
7 Fr	15.5 cm	RF*VD70K10M	RF*VD70N10M
8 Fr	15.5 cm	RF*VD80K10M	RF*VD80N10M
9 Fr	15.5 cm	RF*VD90K10M	RF*VD90N10M
10 Fr	15.5 cm	RF*VD10K10M	—
11 Fr	15.5 cm	RF*VD11K10M	—

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-FG1500GM	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
Renal and Visceral shape	RF*DI15008M	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-DA25008M	5 Fr / (1.70 mm)	80 cm	1.10 / "0.043 mm	Renal		0.97 / "0.038 mm	0
	RF-DB1500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Cobra Small		0.97 / "0.038 mm	2
	RF-DB4500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Cobra Small		0.97 / "0.038 mm	0
	RF-DB45008M	5 Fr / (1.70 mm)	80 cm	1.10 / "0.043 mm	Cobra Small		0.97 / "0.038 mm	0
	RF-DB2500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Cobra Middle		0.97 / "0.038 mm	2
	RF-DB5500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Cobra Middle		0.97 / "0.038 mm	0
	RF-DB55008M	5 Fr / (1.70 mm)	80 cm	1.10 / "0.043 mm	Cobra Middle		0.97 / "0.038 mm	0
	RF-DB3500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Cobra Large		0.97 / "0.038 mm	2
	RF-DB6500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Cobra Large		0.97 / "0.038 mm	0
	RF-DB65008M	5 Fr / (1.70 mm)	80 cm	1.10 / "0.043 mm	Cobra Large		0.97 / "0.038 mm	0
	RF-DC3500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Sheperd Hook 0.8 cm		0.97 / "0.038 mm	0
	RF-DC4500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Sheperd Hook 1.0 cm		0.97 / "0.038 mm	0
	RF-DD4500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	J curve Small		0.97 / "0.038 mm	0
RF-DD5500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	J curve Middle		0.97 / "0.038 mm	0	
RF-DD6500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	J curve Large		0.97 / "0.038 mm	0	
Cerebral shape	RF-EA15010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Simmons 1		0.97 / "0.038 mm	0
	RF-EA25010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Simmons 2		0.97 / "0.038 mm	0
	RF-EA35010M	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-EB15010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Headhunter 1		0.97 / "0.038 mm	0
	RF-EE15010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Bentson-Hanafee-Wilson 1		0.97 / "0.038 mm	0
	RF-EE25010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Bentson-Hanafee-Wilson 2		0.97 / "0.038 mm	0
	RF-EG15010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	MANI		0.97 / "0.038 mm	0
	RF-EH1500GM	5 Fr / (1.70 mm)	65 cm	1.10 / "0.043 mm	Vertebral		0.97 / "0.038 mm	0
	RF*EH15010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Vertebral		0.97 / "0.038 mm	0
RF-EJ15010M	5 Fr / (1.70 mm)	100 cm	1.10 / "0.043 mm	Hinck 1		0.97 / "0.038 mm	0	

IS350/46GB114INDJI

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® 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 (1.70 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-AB4410GM	-
Cobra Small		80 cm	0	RH-AB44108M	RH-AB45108M
Cobra Middle		65 cm	0	RH-AB5410GM	RH-AB5510GM
Cobra Middle		80 cm	0	RH-AB54108M	RH-AB55108M
Cobra Large		80 cm	0	-	RH-AB65108M
J curve Middle		65 cm	0	RH-AD5410GM	RH-AD5510GM
J curve Small		65 cm	0	RH-AD6410GM	-
Simmons / Sidewinder 1		80 cm	0	RH-AE44108M	-
Simmons / Sidewinder 1		65 cm	0	-	RH-AE4510GM
Simmons / Sidewinder (Type S.J)		65 cm	0	-	RH-AED510GM
Straight		90 cm	0	-	RH-5ST0109M

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-BA14110M	-
Simmons / Sidewinder 2		100 cm	0	RH-BA24110M	RH-BA25110M
Simmons / Sidewinder 3		100 cm	0	RH-BA34110M	RH-BA35110M
Hinck headhunter 1		100 cm	0	RH-BB14110M	RH-BB15110M
Hinck headhunter 3		100 cm	0	RH-BB24110M	-
Newton technique 1		100 cm	0	RH-BC14110M	-
Bentson-Hanafee-Wilson 1		100 cm	0	RH-BE14110M	RH-BE15110M
Bentson-Hanafee-Wilson 2		100 cm	0	RH-BE24110M	RH-BE25110M
MANI		100 cm	0	RH-BG14110M	RH-BG15110M
Vertebral		100 cm	0	RH-BH14110M	RH-BH15110M

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-4SP006GM	RH-5SP006GM
Straight Pigtail Flush		80 cm	6	RH-4SP0068M	-
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™

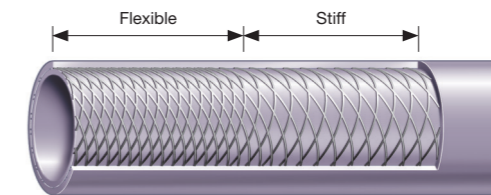
Angiographic Catheter

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	RQ-AB54108M

▶ 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	RQ-BA14110M
Simmons / Sidewinder 2		100 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-BA24110M
Vertebral		100 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-BH14110M
Vertebral Modified		100 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-BHA4110M

▶ 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	RQ-4SP008GM
Straight pigtail		90 cm	8	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ-4SP0089M

▶ 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	RQ*BH94102M
Mini-Cath Standard		30 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ*BH94103M
Mini-Cath 60 degree angle		20 cm	0	4 Fr / 1.40 mm	0.041" / 1.05 mm	RQ*BHA4102M

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" polymer
Inner Diameter 4 Fr	0.041" (1.03 mm)
Inner diameter 5 Fr	0.043" (1.10 mm)
Lengths (cm)	65, 80, 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-ZB4410GM
4 Fr / 1.40 mm	80 cm	15 cm	Cobra Small	0	RF-ZB44108M
5 Fr / 1.70 mm	65 cm	25 cm	Cobra Small	0	RF-XB4510GM
5 Fr / 1.70 mm	80 cm	40 cm	Cobra Small	0	RF-XB45108M
5 Fr / 1.70 mm	80 cm	40 cm	Cobra Small	2	RF-XB15108M
4 Fr / 1.40 mm	65 cm	15 cm	Cobra Middle	0	RF-ZB5410GM
4 Fr / 1.40 mm	80 cm	15 cm	Cobra Middle	0	RF-ZB54108M
4 Fr / 1.40 mm	100 cm	15 cm	Cobra Middle	0	RF-ZB54110M
5 Fr / 1.70 mm	65 cm	25 cm	Cobra Middle	0	RF-XB5510GM
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-XB55110M
4 Fr / 1.40 mm	65 cm	15 cm	Cobra Large	0	RF-ZB6410GM
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-XB6510GM
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-ZD4410GM
5 Fr / 1.70 mm	65 cm	25 cm	J curve Large	0	RF-XD4510GM
5 Fr / 1.70 mm	70 cm	25 cm	Yashiro	0	RF*XG95107M
4 Fr / 1.40 mm	65 cm	15 cm	Straight	0	RF-ZM7410GM
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-ZM74110M
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*ZM74115JM
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*XI7510GM
5 Fr / 1.70 mm	80 cm	40 cm	Straight tapered	0	RF*XI75108M
5 Fr / 1.70 mm	100 cm	40 cm	Straight tapered	0	RF*XI75110M
4 Fr / 1.40 mm	65 cm	15 cm	Non-tapered angled	0	RF-ZV9410GM
4 Fr / 1.40 mm	100 cm	15 cm	Non-tapered angled	0	RF-ZV94110M
4 Fr / 1.40 mm	110 cm	15 cm	Non-tapered angled	0	RF*ZV94111M
4 Fr / 1.40 mm	150 cm	40 cm	Non-tapered angled	0	RF*ZV94115JM
5 Fr / 1.70 mm	110 cm	40 cm	Non-tapered angled	0	RF*XV95111M
5 Fr / 1.70 mm	65 cm	25 cm	Non-tapered angled type T90	2	RF-XVZ510GM
5 Fr / 1.70 mm	65 cm	25 cm	Angled tapered	0	RF*XL9510GM
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-ZW34110M
5 Fr / 1.70 mm	100 cm	40 cm	Multipurpose	0	RF-XW35110M
4 Fr / 1.40 mm	80 cm	15 cm	COE 2	5	RF-ZWD4108M
5 Fr / 1.70 mm	100 cm	40 cm	Internal Mammary short tip	0	RF-XIR5110M

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 / Sidewinder 1	0	RF-WA14110M
5 Fr / 1.70 mm	100 cm	40 cm	Simmons / Sidewinder 1	0	RF-YA15110M
4 Fr / 1.40 mm	100 cm	15 cm	Simmons / Sidewinder 2	0	RF-WA24110M
5 Fr / 1.70 mm	100 cm	40 cm	Simmons / Sidewinder 2	0	RF-YA25110M
5 Fr / 1.70 mm	100 cm	40 cm	Simmons / Sidewinder 3	0	RF-YA35110M
4 Fr / 1.40 mm	100 cm	15 cm	Hinck Headhunter 1	0	RF-WB14110M
5 Fr / 1.70 mm	100 cm	40 cm	Hinck Headhunter 1	0	RF-YB15110M
4 Fr / 1.40 mm	100 cm	15 cm	Bentson-Hanafee-Wilson 1	0	RF-WE14110M
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-WE24110M
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*WEA4111M
4 Fr / 1.40 mm	100 cm	15 cm	MANI	0	RF-WG14110M
4 Fr / 1.40 mm	100 cm	15 cm	Vertebral	0	RF-WH14110M
4 Fr / 1.40 mm	120 cm	15 cm	Vertebral	0	RF*WH14112M
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.

ISS50/49GBE114/MDI

ISS50/11GBE114/MDI

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	XX*RF06
Large size - 29 cm	XX*RF06L

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

Terumo trademarks used in this catalogue are:

AZUR®
 Accuforce®
 Crosswire® NT
 Destination®
 Eliminate™
 FastView®
 Finecross® MG
 Glidesheath Slender®
 Heartrail® II
 Hiryu®
 Kaname®
 LifePearl®
 Lunawave®
 Misago®
 Muso® Wire
 NaviCross®
 Nobori®
 Optitorque®
 Outlook™
 Progreat®
 Radifocus®
 Radifocus® Glidecath®
 Radifocus® Glidewire® Advantage™
 Radifocus® Optitorque®
 Renma®
 Runthrough® NS
 RX Muso®
 Ryujin™ Plus
 Senri®
 Solopath™
 Tazuna®
 Tercross®
 TR Band®
 Tsunami®
 Tsunami® Gold
 Ultimaster®
 Roadsaver®

Other trademarks used in this catalogue are:

BSD Medical: MicroThermX®
 Pendracare: Climber®
 Shanghai Antong Medical Technology Co Ltd. / Angiocare: Iberis®

Please note that ® means "registered community trademark"

ISSN 05060615MDV



Terumo Corporation
44-1, 2-chome, Hatagaya
Shibuya-ku, Tokyo 151-0072, Japan
Tel.: +81 3 3374 8111
Fax: +81 3 3374 8196

Terumo Europe N.V.
Interleuvenlaan 40
3001 Leuven, Belgium
Tel.: +32 16 38 12 11
Fax: +32 16 40 02 49

**Terumo Europe
Interventional Systems
Liaison Office**
Immeuble Krebs
8, rue Jean-Pierre Timbaud
CS 10720
78067 Saint Quentin
en Yvelines Cedex, France
Tel.: +33 139 30 95 75
Fax: +33 139 30 95 70

**Terumo Europe N.V.
Benelux Sales Division**
Belgium:
Tel.: +32 16 39 25 80
The Netherlands:
Tel.: 0800 0220396

**Terumo Europe N.V.
Emerging Markets Division**
Tel.: +32 16 38 13 08

Terumo Deutschland GmbH
Tel.: +49 6196 80 230

**Terumo Deutschland GmbH
Zweigniederlassung Spreitenbach**
Tel.: +41 56 419 10 10

**Terumo Deutschland GmbH
Zweigniederlassung Österreich
Interventional Systems**
Tel.: +43 2236 378020

Laboratoires Terumo France S.A.
Tel.: +33 130 96 13 00

Terumo Italia S.r.l.
Tel.: +39 0651 96 14 20

Terumo Europe España SL
Tel.: +34 9021 01 298

Terumo UK Ltd
Tel.: +44 1276 480440

Terumo Russia LLC
Tel.: +7 495 988 4740

Terumo Sweden AB
Tel.: +46 3174 85 880

**Terumo Denmark
Filial of Terumo Sweden AB**
Tel.: +45 7020 93 80

**Terumo Corporation Dubai Branch
(Middle East and Africa)**
Tel.: +971 4 221 2220



© Registered Trademark
Published by Terumo Europe N.V.