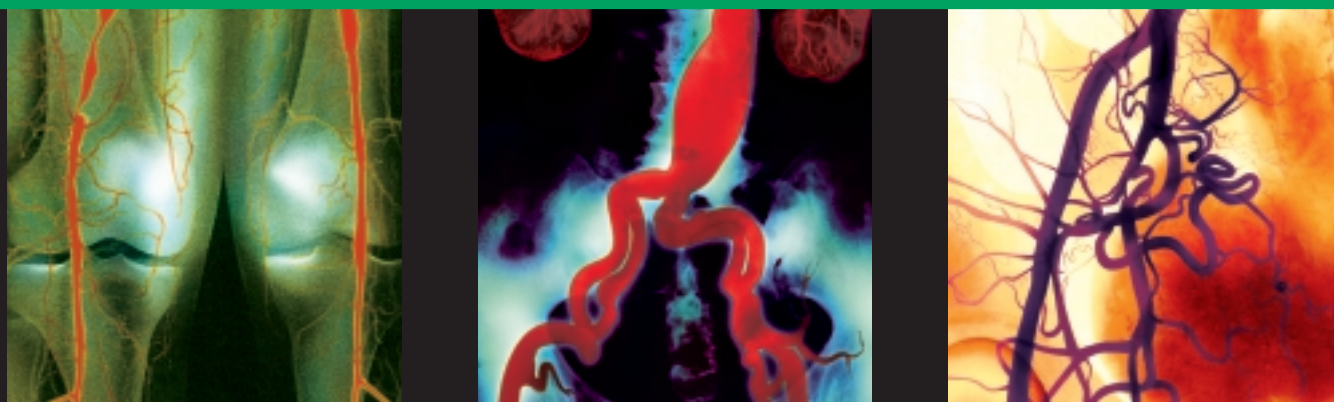


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Terumo Interventional Systems
Product Catalog 2006-2007

 **TERUMO®**

TERUMO INTERVENTIONAL SYSTEMS

Terumo Medical Corporation - Clinical Excellence in an Expanding Interventional Market

Terumo Medical Corporation is the U.S. subsidiary of Tokyo-based Terumo Corporation, one of the world's leading medical device companies, with \$2.3 billion in sales and operations in more than 150 nations. Founded in 1972, Terumo Medical Corporation develops, manufactures and markets high-quality medical devices used in a broad range of applications in numerous healthcare markets. Terumo Interventional Systems is part of Terumo Medical Corporation and sells a full line of guidewires, catheters, introducer sheaths, and embolization products for use in a multitude of interventional procedures.

As of April 1, 2006, Terumo Interventional Systems began direct marketing, sales and distribution of its complete line of endovascular products. This change reflects our commitment to build closer relationships and directly serve the needs of our customers.

For more information, call 800.862.4143 to speak with a Customer Care Representative or visit www.terumomedical.com/interventional.

Introducer Sheaths

Standard Sheaths for Coronary Applications (4 - 11 Fr)	
• Pinnacle® Introducer Sheaths	1
Standard Sheaths for Peripheral Applications (4 - 11 Fr)	
• Pinnacle® Introducer Sheaths	2
Radiopaque Marker Sheaths (6 - 8 Fr)	
• Pinnacle® R/O II Radiopaque Marker Introducer Sheaths	3
Hydrophilic Coated Sheaths (5 - 6 Fr)	
• Glidesheath™ Introducer Sheaths	4
Guiding Sheaths (6 - 7 Fr)	
• Pinnacle® Destination® Guiding Sheaths	5
Micro Accessing Systems (4 - 5 Fr)	
• Glidewire® Accessing Systems with SURFLO® I.V. Catheter	6
• GlideAccess™ Systems	7

Guidewires

Peripheral Guidewires (0.032" - 0.038")	
• Standard Glidewire® Hydrophilic Coated Guidewires	8
• Shapeable Tip Glidewire® Hydrophilic Coated Guidewires	8
• Long Taper Glidewire® Hydrophilic Coated Guidewires	8
• Stiff Shaft Glidewire® Hydrophilic Coated Guidewires	9
• Stiff Shaft Long Taper Glidewire® Hydrophilic Coated Guidewires	9
• J-Tip Glidewire® Hydrophilic Coated Guidewires	9
Small Vessel Guidewires (0.018" - 0.025")	
• Glidewire® Hydrophilic Coated Guidewires	10
• Glidewire® GT Super-Selective Hydrophilic Coated Guidewires	11
• Glidewire® Gold Hydrophilic Coated Guidewires	11
Neuro Guidewires (0.011" - 0.018")	
• Glidewire® Gold Hydrophilic Coated Guidewires for Neuro Applications	12
• Headliner® Hydrophilic Coated Guidewires for Neuro Applications	12

Angiographic Catheters

• Glidecath® 4 Fr Hydrophilic Coated Catheters	13
• Glidecath® XP 5 Fr Hydrophilic Coated Catheters	14
• Glidecath® 5 Fr Hydrophilic Coated Catheters	15

Microcatheters

• Progreat™ Microcatheters with R/O Marker Band (2.8 Fr - 3.0 Fr)	16
• Progreat™ Microcatheters (2.7 Fr - 2.9 Fr)	16
• Progreat™ Coaxial Microcatheter Systems with R/O Marker Band (2.8 Fr - 3.0 Fr)	17
• Progreat™ Coaxial Microcatheter Systems (2.7 Fr - 2.9 Fr)	17

Embolics

• Bead Block™ Compressible Microspheres	18
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Accessories

• Obturators	19
• Torque Devices	19

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Standard Sheaths for Coronary Applications (4 - 11 Fr)

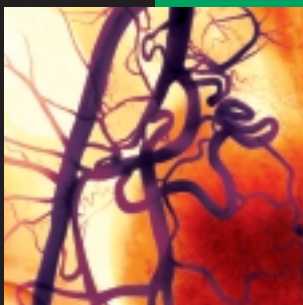
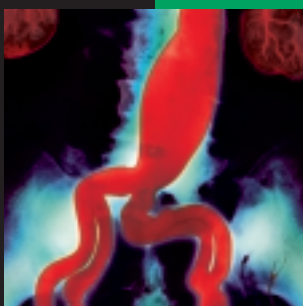
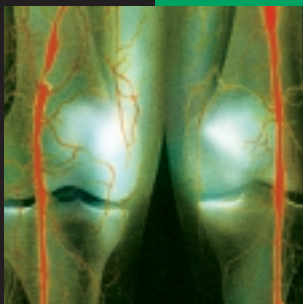
Standard Sheaths for Peripheral Applications (4 - 11 Fr)

Radiopaque Marker Sheaths (6 - 8 Fr)

Hydrophilic Coated Sheaths (5 - 6 Fr)

Guiding Sheaths (6 - 7 Fr)

Micro Accessing Systems (4 - 5 Fr)



Standard Sheaths for Coronary Applications

Pinnacle®

Introducer Sheaths

Terumo® Pinnacle Introducer Sheaths designed for coronary applications are packed 10 per box and include dilator.

- Smooth transition of guidewire-to-dilator and dilator-to-sheath facilitates easy access
- Terumo Cross-Cut Valve maintains uncompromised hemostasis
- Small outside diameter and large inside diameter reduces the size of the access site without compromising ease of device passage
- Kink-resistant design helps maintain lumen patency throughout the procedure

Product Code	Length (cm)	Inner Diameter (Fr)	Dilator Protruding Length (cm)	Mini Guidewire Diameter (in)
RSS402	10	4	2.5	0.035*
RSS502	10	5	2.5	0.038*
RSS602	10	6	2.5	0.038*
RSS702	10	7	2.5	0.038*
RSS802	10	8	2.5	0.038*
RSS902	10	9	2.5	0.038*
RSS002	10	10	2.5	0.038*
RSS102	10	11	2.5	0.038*
RSS404	10	4	2.5	–
RSS504	10	5	2.5	–
RSS604	10	6	2.5	–
RSS704	10	7	2.5	–
RSS804	10	8	2.5	–
RSS904	10	9	2.5	–
RSS004	10	10	2.5	–
RSS104	10	11	2.5	–
RSS506	25	5	2.5	–
RSS606	25	6	2.5	–
RSS706	25	7	2.5	–
RSS806	25	8	2.5	–
RSS906	25	9	2.5	–
RSS006	25	10	2.5	–
RSS106	25	11	2.5	–

*Mini stainless steel spring coil guidewire included.

Standard Sheaths for Peripheral Applications

Pinnacle®

Introducer Sheaths

Terumo® Pinnacle Introducer Sheaths designed for peripheral applications are packed 10 per box and include dilator.

- Smooth transition of guidewire-to-dilator and dilator-to-sheath facilitates easy access
- Terumo Cross-Cut Valve maintains uncompromised hemostasis
- Small outside diameter and large inside diameter reduces the size of the access site without compromising ease of device passage
- Kink-resistant design helps maintain the lumen patency throughout the procedure

Product Code	Length (cm)	Inner Diameter (Fr)	Dilator Protruding Length (cm)	Mini Guidewire Diameter (in)
RSS401	10	4	2.5	0.035*
RSS501	10	5	2.5	0.035*
RSS601	10	6	2.5	0.035*
RSS701	10	7	2.5	0.035*
RSS801	10	8	2.5	0.035*
RSS901	10	9	2.5	0.035*
RSS001	10	10	2.5	0.035*
RSS101	10	11	2.5	0.035*
RSS403	10	4	2.5	–
RSS503	10	5	2.5	–
RSS603	10	6	2.5	–
RSS703	10	7	2.5	–
RSS803	10	8	2.5	–
RSS903	10	9	2.5	–
RSS003	10	10	2.5	–
RSS103	10	11	2.5	–
RSS505	25	5	2.5	–
RSS605	25	6	2.5	–
RSS705	25	7	2.5	–
RSS805	25	8	2.5	–
RSS905	25	9	2.5	–
RSS005	25	10	2.5	–
RSS105	25	11	2.5	–

*Mini stainless steel spring coil guidewire included.

Radiopaque Marker Sheaths

Pinnacle® R/O II

Radiopaque Marker Introducer Sheaths

Terumo® Pinnacle Introducer Sheaths are packed 10 per box and include dilator.

- Radiopaque marker shows precise location of distal tip
- Smooth transition over platinum/iridium band for ease of insertion
- 6 cm sheath available for procedures that require shorter lengths

Product Code	Length (cm)	Inner Diameter (Fr)	Dilator Protruding Length (cm)
RSB601	6	6	2.5
RSB701	6	7	2.5
RSB801	6	8	2.5
RSB602	10	6	2.5
RSB702	10	7	2.5
RSB802	10	8	2.5
RSB603	25	6	2.5
RSB703	25	7	2.5
RSB803	25	8	2.5

Hydrophilic Coated Sheaths

Glidesheath[™]**Hydrophilic Coated Introducer Sheaths**

Terumo® Glidesheath Introducer Sheaths are packed 5 per box and include a spring wire.

- Terumo Glide Technology™ hydrophilic coating allows easy insertion and effortless removal
- Optimal flexibility for resisting kinks
- Smooth wire/dilator/sheath transitions for minimized resistance and atraumatic insertion
- Cross-Cut Valve for easy insertion of catheters and devices, as well as uncompromised hemostasis

Product Code	Sheath Size (Fr)	Sheath Inner Diameter (in)	Tip Inner Diameter (in)	Sheath Length (cm)	Guidewire Size (in)	Guidewire Length (cm)	Guidewire Type*
RM*BF5F10PA	5	0.074	0.068	10	0.021	45	Spring/Straight
RM*BF5F16PA	5	0.074	0.068	16	0.021	80	Spring/Straight
RM*BF5F25PA	5	0.074	0.068	25	0.021	80	Spring/Straight
RM*BF6F10PA	6	0.087	0.082	10	0.021	45	Spring/Straight
RM*BF6F16PA	6	0.087	0.082	16	0.021	80	Spring/Straight
RM*BF6F25PA	6	0.087	0.082	25	0.021	80	Spring/Straight

*Mini stainless steel spring coil guidewire with straight tip included.

Guiding Sheaths

Pinnacle® Destination®

Guiding Sheaths

Terumo® Pinnacle Destination Guiding Sheaths are packed 1 per box and include dilator. All dilators are 0.038" wire compatible.

- Smooth wire-to-dilator and dilator-to-sheath transitions for easy insertion and decreased resistance
- Triple radiopacity – sheath, dilator, and gold coil all contribute to visualization for precise positioning
- Unique atraumatic tip minimizes vessel damage while allowing smooth transitions and easy penetration
- Two valve options – Cross-Cut and Tuohy-Borst

Product Code	Length (cm)	Inner Diameter (Fr)	Valve Type	Curve Style
RSR01	45	6	Cross-Cut	Straight
RSR02	45	6	Cross-Cut	Hockey Stick
RSR03	45	6	Cross-Cut	Multi-Purpose
RSR04	45	7	Cross-Cut	Straight
RSR05	45	7	Cross-Cut	Hockey Stick
RSR06	45	7	Cross-Cut	Multi-Purpose
RSR07	45	6	Tuohy-Borst	Straight
RSR08	45	6	Tuohy-Borst	Hockey Stick
RSR09	45	6	Tuohy-Borst	Multi-Purpose
RSR10	45	7	Tuohy-Borst	Straight
RSR11	45	7	Tuohy-Borst	Hockey Stick
RSR12	45	7	Tuohy-Borst	Multi-Purpose
RSR13	45	6	Cross-Cut	RDC
RSR14	45	6	Cross-Cut	LIMA
RSR15	45	7	Cross-Cut	RDC
RSR16	45	7	Cross-Cut	LIMA
RSR17	45	6	Tuohy-Borst	RDC
RSR18	45	6	Tuohy-Borst	LIMA
RSR19	45	7	Tuohy-Borst	RDC
RSR20	45	7	Tuohy-Borst	LIMA
RSP01	65	6	Cross-Cut	Straight
RSP02	65	7	Cross-Cut	Straight
RSP03	65	6	Tuohy-Borst	Straight
RSP04	65	7	Tuohy-Borst	Straight
RSC01	90	6	Tuohy-Borst	Straight
RSC02	90	7	Tuohy-Borst	Straight
RSC03	90	6	Tuohy-Borst	Multi-Purpose
RSC04	90	7	Tuohy-Borst	Multi-Purpose
RSC05	90	6	Cross-Cut	Straight
RSC06	90	7	Cross-Cut	Straight
RSC07	90	6	Cross-Cut	Multi-Purpose
RSC08	90	7	Cross-Cut	Multi-Purpose

Glidewire® Access Systems

Micro Accessing Systems with SURFLO® I.V. Catheter

Terumo® Micro Accessing Systems are packed 10 per box.

- Includes 0.018" hydrophilic coated Terumo Glidewire®
 - Terumo Glide Technology™ hydrophilic coating allows smooth passage through challenging access sites
 - Nitinol core resists kinking
- Smaller 22-gauge internal metal needle for less invasive initial puncturing
- Coaxial dilators in 4 Fr and 5 Fr

Product Code	Coaxial Diameter (Fr)	Wire	Wire Length (cm)	Wire Diameter (in)
RSM09	4	Glidewire	52.5	0.018
RSM10	5	Glidewire	52.5	0.018

Micro Accessing Systems

*GlideAccess™ Systems***Micro Accessing Systems**

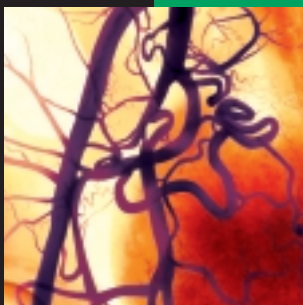
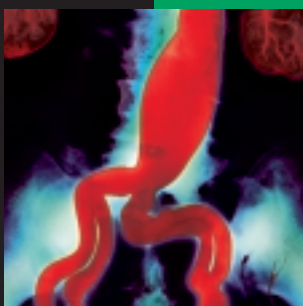
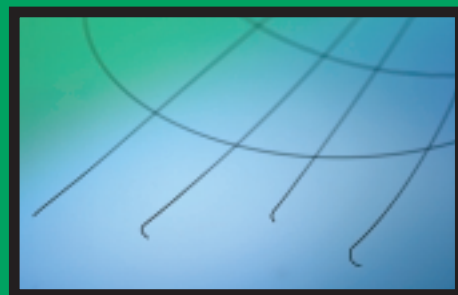
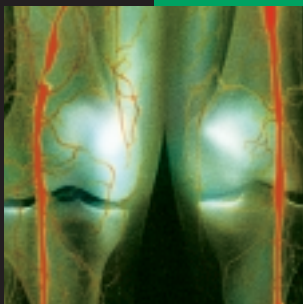
Terumo® Micro Accessing Systems are packed 10 per box.

- Choice of 4 Fr and 5 Fr coaxial dilators
- Choice of stainless steel or platinum-tipped nitinol 0.018" guidewire
- Choice of 21-gauge needles
 - Non-echogenic for a smooth transition
 - Echogenic for higher visibility

	Product Code	Coaxial Diameter (Fr)	Wire	Wire Length (cm)	Wire Diameter (in)
GlideAccess Systems with 21-gauge Non-echogenic Needle	RSM01	4	Stainless Steel	40	0.018
	RSM02	5	Stainless Steel	40	0.018
	RSM03	4	Platinum-Tipped Nitinol	40	0.018
	RSM04	5	Platinum-Tipped Nitinol	40	0.018
	Product Code	Coaxial Diameter (Fr)	Wire	Wire Length (cm)	Wire Diameter (in)
GlideAccess Systems with 21-gauge Echogenic Needle	RSM05	4	Stainless Steel	40	0.018
	RSM06	5	Stainless Steel	40	0.018
	RSM07	4	Platinum-Tipped Nitinol	40	0.018
	RSM08	5	Platinum-Tipped Nitinol	40	0.018

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Peripheral Guidewires (0.032" - 0.038")
Small Vessel Guidewires (0.018" - 0.025")
Neuro Guidewires (0.011" - 0.018")



Peripheral Guidewires (0.032" - 0.038")

Glidewire®

Hydrophilic Coated Guidewires

Terumo® Glidewire Guidewires are packed 5 per box.

- Terumo Glide Technology™ hydrophilic coating for smooth, rapid movement through tortuous vessels and crossability over difficult lesions
- Core-to-tip design provides 1:1 torque ratio
- Super-elastic nitinol core for optimal performance
 - Resists kinks to maintain device integrity
 - Retains shape for consistent reliability through procedure
- Tungsten in polyurethane jacket enhances radiopacity

	Product Code	Wire Type	Diameter (in)	Total Length (cm)	Flexible Tip Length (cm)	Tip Shape
Standard Glidewire	GR3202	Standard	0.032	150	3	Angle
	GR3201	Standard	0.032	150	3	Straight
	GR3505	Standard	0.035	120	3	Angle
	GR3506	Standard	0.035	150	3	Angle
	GR3508	Standard	0.035	180	3	Angle
	GR3509	Standard	0.035	260	3	Angle
	GR3501	Standard	0.035	150	3	Straight
	GR3503	Standard	0.035	180	3	Straight
	GR3504	Standard	0.035	260	3	Straight
	GR3805	Standard	0.038	120	3	Angle
	GR3806	Standard	0.038	150	3	Angle
	GR3808	Standard	0.038	180	3	Angle
	GR3809	Standard	0.038	260	3	Angle
	GR3801	Standard	0.038	150	3	Straight
	GR3803	Standard	0.038	180	3	Straight
GR3804	Standard	0.038	260	3	Straight	
Shapeable Tip Glidewire	GE3501	Shapeable	0.035	150	3	Straight/Shapeable
	GE3502	Shapeable	0.035	180	3	Straight/Shapeable
	GE3801	Shapeable	0.038	150	3	Straight/Shapeable
Long Taper Glidewire	GR3507	Long Taper	0.035	150	8	Angle
	GR3502	Long Taper	0.035	150	8	Straight
	GR3807	Long Taper	0.038	150	8	Angle
	GR3802	Long Taper	0.038	150	8	Straight

Peripheral Guidewires (0.032" - 0.038")

Glidewire®

Hydrophilic Coated Guidewires

Terumo® Glidewire Guidewires are packed 5 per box.

	Product Code	Wire Type	Diameter (in)	Total Length (cm)	Flexible Tip Length (cm)	Tip Shape
Stiff Shaft Glidewire	GS3505	Stiff	0.035	80	3	Angle
	GS3506	Stiff	0.035	150	3	Angle
	GS3508	Stiff	0.035	180	3	Angle
	GS3509	Stiff	0.035	260	3	Angle
	GS3501	Stiff	0.035	150	3	Straight
	GS3503	Stiff	0.035	180	3	Straight
	GS3504	Stiff	0.035	260	3	Straight
	GS3804	Stiff	0.038	80	3	Angle
	GS3805	Stiff	0.038	150	3	Angle
	GS3807	Stiff	0.038	180	3	Angle
	GS3801	Stiff	0.038	150	3	Straight
	GS3803	Stiff	0.038	180	3	Straight
Stiff Shaft Long Taper Glidewire	GS3507	Stiff	0.035	150	5	Angle
	GS3510	Stiff	0.035	260	5	Angle
	GS3502	Stiff	0.035	150	5	Straight
	GS3806	Stiff	0.038	150	5	Angle
	GS3802	Stiff	0.038	150	5	Straight
J-Tip Glidewire	GR3510	Standard	0.035	150	3	J-Tip
	GR3810	Standard	0.038	150	3	J-Tip

Small Vessel Guidewires (0.018" - 0.025")

Glidewire®

Hydrophilic Coated Guidewires

Terumo® Glidewire Guidewires are packed 5 per box.

- Terumo Glide Technology™ hydrophilic coating for smooth, rapid movement through tortuous vessels and crossability over difficult lesions
- Core-to-tip design provides 1:1 torque ratio
- Super-elastic nitinol core for optimal performance
 - Resists kinks to maintain device integrity
 - Retains shape for consistent reliability through procedure
- Tungsten in polyurethane jacket enhances radiopacity

	Product Code	Wire Type	Diameter (in)	Total Length (cm)	Flexible Tip Length (cm)	Tip Shape
Standard Glidewire	GR1805	Standard	0.018	150	3	Angle
	GR1806	Standard	0.018	180	3	Angle
	GR1802	Standard	0.018	150	3	Straight
	GR1803	Standard	0.018	180	3	Straight
	GR2504	Standard	0.025	150	3	Angle
	GR2505	Standard	0.025	180	3	Angle
	GR2506	Standard	0.025	260	3	Angle
	GR2501	Standard	0.025	150	3	Straight
	GR2502	Standard	0.025	180	3	Straight
	GR2503	Standard	0.025	260	3	Straight
Shapeable Tip Glidewire	GE1801	Shapeable	0.018	150	3	Straight/Shapeable





Small Vessel Guidewires (0.018" - 0.025")

Glidewire® GT

Super-Selective Hydrophilic Coated Guidewires

Terumo® Glidewire GT Guidewires are packed 1 per box and include a torque device.

- All the benefits of Terumo Glidewire®, as well as:
 - 25 cm flexible distal end with gold coil enhances selectivity and minimizes risk of vessel trauma
 - 20 mm gold coil tip for exceptional visibility

Product Code	Diameter (in)	Total Length (cm)	Flexible Tip Type	Grind Length (cm)	Radiopaque Length (mm)	Tip Shape
RG*GA1818SA	0.018	180	Standard	25	20	45° Angle 
RG*GE1818SA	0.018	180	Standard	25	20	90° Angle 
RG*GW1818SA	0.018	180	Standard	25	20	90°/60° Double Angle† 
RG*ES1818SA	0.018	180	Standard	25	20	Straight/Shapeable 

†Distal/proximal.

Glidewire® Gold

Hydrophilic Coated Guidewires

Terumo Glidewire Gold Guidewires are packed 1 per box and include a torque device.

- All the benefits of Terumo Glidewire, as well as:
 - 2 mm gold band enhances radiopacity of tip
 - 3 cm, 5 cm distal tip taper enhances selectivity and minimizes vessel trauma

Product Code	Diameter (in)	Total Length (cm)	Flexible Tip Length (cm)	Radiopaque Length (mm)	Tip Shape
GM1811	0.018	180	3	2	45° Angle
GM1813	0.018	180	3	2	70° Angle
GM1812	0.018	180	5	2	45° Angle
GM1814	0.018	180	5	2	70° Angle

Neuro Guidewires (0.011" - 0.018")

Glidewire® Gold

Hydrophilic Coated Guidewires for Neuro Applications

Terumo® Glidewire Gold Guidewires are packed 1 per box and include a torque device.

- All the benefits of Terumo Glidewire®, as well as:
 - 2 mm gold band enhances radiopacity of tip
 - 8 cm distal taper enhances selectivity

Product Code	Diameter (in)	Total Length (cm)	Flexible Tip Length (cm)	Radiopaque Length (mm)	Tip Shape
GM1001	0.011	180	8	2	45° Angle
GM1002	0.011	180	8	2	70° Angle
GM1401	0.014	180	8	2	45° Angle
GM1402	0.014	180	8	2	70° Angle
GM1601	0.016	180	8	2	45° Angle
GM1602	0.016	180	8	2	70° Angle
GM1801	0.018	180	8	2	45° Angle
GM1802	0.018	180	8	2	70° Angle

Headliner®

Hydrophilic Coated Guidewires for Neuro Applications

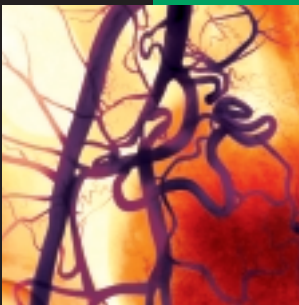
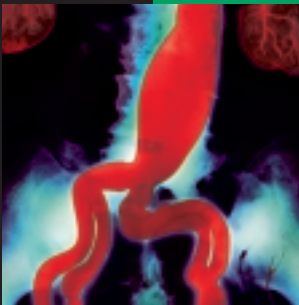
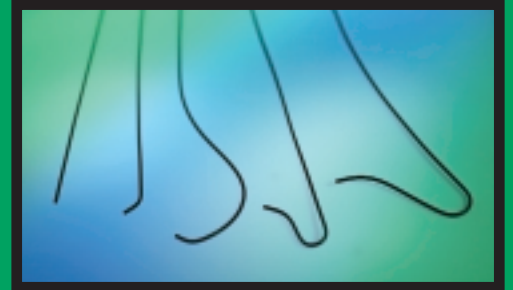
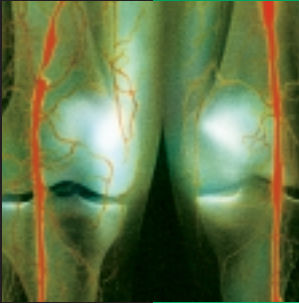
Terumo Headliner Guidewires are packed 1 per box and include a torque device.

- All the benefits of Terumo Glidewire, as well as:
 - 20 mm distal gold coil enhances radiopacity of tip
 - 20 cm, 35 cm distal taper enhances selectivity and minimizes vessel trauma

Product Code	Diameter (in)	Total Length (cm)	Flexible Tip Type	Grind Length (cm)	Radiopaque Length (mm)	Tip Shape
GM1221	0.012	200	Standard	20	20	45° Angle
GM1222	0.012	200	Standard	20	20	90° Angle
GM1224	0.012	200	Standard	20	20	90°/60° Double Angle
GM1223	0.012	200	Standard	20	20	1.5 mm J-Tip Angle
GM1621	0.016	200	Floppy	35	20	45° Angle
GM1622	0.016	200	Floppy	35	20	90° Angle
GM1624	0.016	200	Floppy	35	20	90°/60° Double Angle
GM1623	0.016	200	Floppy	35	20	1.5 mm J-Tip Angle

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4 Fr Hydrophilic Coated Catheters
5 Fr Hydrophilic Coated Catheters





















Glidecath® 4 Fr

Hydrophilic Coated Catheters

Terumo® Glidecath 4 Fr Hydrophilic Coated Catheters are 0.038" guidewire compatible and packed 5 per box.

- Terumo Glide Technology™ hydrophilic coated distal tip (15 cm) for smooth passage through tortuous vasculature
- Double-braided stainless steel mesh middle layer for increased shaft rigidity and torque transmission
- Nylon-rich polyurethane inner layer for smooth flow of therapeutic agents and 0.035"/0.038" embolization coils
- Less invasive, allows use of smaller sheath

Product Code	Catheter Size (Fr)	Total Length (cm)	Flow Rate* (mL/sec)	Hydrophilic Coating Length (cm)	Tip Shape	
CG412	4	65	15	15	Straight	
CG415	4	65	15	15	Angle	
CG408	4	65	15	15	C1	
CG409	4	65	15	15	C2	
CG411	4	65	15	15	J-Tip	
CG413	4	100	13	15	Straight	
CG416	4	100	13	15	Angle	
CG410	4	100	13	15	C2	
CG418	4	100	13	15	MP	
CG401	4	100	13	15	Sim 1	
CG402	4	100	13	15	Sim 2	
CG403	4	100	13	15	Sim 3	
CG404	4	100	13	15	H1	
CG405	4	100	13	15	JB1	
CG406	4	100	13	15	JB2	
CG407	4	100	13	15	Mani	
CG414	4	120	11	15	Straight	
CG417	4	120	11	15	Angle	









*All measurements taken at 750 psi and 37° using Renografin® 76.

Glidecath® XP 5 Fr

Hydrophilic Coated Catheters

Terumo® Glidecath XP 5 Fr Hydrophilic Coated Catheters are 0.038" guidewire compatible and packed 5 per box.

- Terumo Glide Technology™ hydrophilic coated distal tip (15 cm) for smooth passage through tortuous vasculature
- Double-braided stainless steel mesh middle layer for increased shaft rigidity and torque transmission
- Nylon-rich polyurethane inner layer for smooth flow of therapeutic agents and 0.035"/0.038" embolization coils
- Large lumen for high flow rate

Product Code	Catheter Size (Fr)	Flow Rate* (mL/sec)	Total Length (cm)	Hydrophilic Coating Length (cm)	Tip Shape	
RF*ZM7510GM	5	24	65	15	Straight	
RF*ZV9510GM	5	24	65	15	Angle	
RF*ZB5510GM	5	24	65	15	C2	
RF*ZM75110M	5	21	100	15	Straight	
RF*ZV95110M	5	21	100	15	Angle	
RF*WA15110M	5	21	100	15	S1	
RF*WA25110M	5	21	100	15	S2	
RF*WB15110M	5	21	100	15	H1	

















*All measurements taken at 1000 psi and 37° using Renografin® 76.

Glidecath® 5 Fr

Hydrophilic Coated Catheters

Terumo® Glidecath 5 Fr Hydrophilic Coated Catheters are 0.038" guidewire compatible and packed 5 per box.

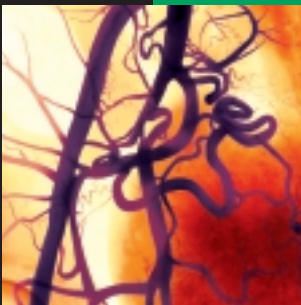
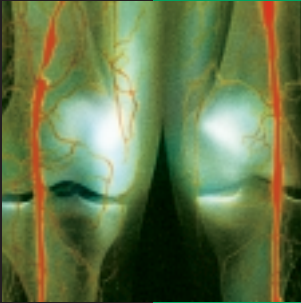
- Terumo Glide Technology™ hydrophilic coated distal tip (25 cm to 40 cm) for smooth passage through tortuous vasculature
- Single-braided stainless steel construction and tapered tip enhances trackability

Product Code	Catheter Size (Fr)	Total Length (in)	Flow Rate* (mL/sec)	Hydrophilic Coating Length (cm)	Tip Shape	
CG505	5	65	21	25	Straight Taper	
CG507	5	65	21	25	Angle Taper	
CG501	5	65	21	25	C1	
CG502	5	65	21	25	C2	
CG504	5	65	21	25	J-Tip	
CG506	5	100	18	40	Straight Taper	
CG508	5	100	18	40	Angle Taper	
CG503	5	100	18	40	C2	
CG510	5	100	18	40	Sim 1	
CG511	5	100	18	40	Sim 2	
CG512	5	100	18	40	Sim 3	
CG513	5	100	18	40	H1	
CG514	5	100	18	40	JB1	
CG515	5	100	18	40	JB2	
CG516	5	100	18	40	Mani	
CG509	5	100	18	40	MP	

*5 Fr- All measurements taken at 1000 psi and 37° using Renografin® 76.

This is TERUMO Territory.™

Microcatheters
Coaxial Microcatheter Systems



Progreat[™] Ω

Microcatheters with R/O Marker Band

Terumo[®] Progreat Microcatheters are packed 1 per box.

- Unique tungsten coil for kink resistance and exceptional trackability
- Terumo Glide Technology[™] hydrophilic coating for enhanced navigation
- Shapeable tip for optimal vessel access
- Large lumen and PTFE inner layer for virtually frictionless delivery of coils, microspheres, PVA particles and other therapeutic agents
- Superior pressure resistance

Product Code	Total Length (cm)	Outer Diameter				Inner Diameter		Flexible Tip (cm)	Max GW (in)	Max Pressure (psi)	Coating Length (cm)	Flow Rate [†] (mL/sec)
		Distal (Fr)	Distal (mm)	Proximal (Fr)	Proximal (mm)	(in)	(mm)					
MC*PB2811Y	110	2.8	0.93	3.0	1.00	0.027	0.70	17	0.021	900	50	4.7
MC*PB2813Y	130	2.8	0.93	3.0	1.00	0.027	0.70	17	0.021	900	70	4.3

Progreat[™] Microcatheters have a 0.7 mm platinum marker band.
[†]Flow rates taken at 900 psi and 37°C using Isovue 300.

Progreat[™]

Microcatheters

Terumo Progreat Microcatheters are packed 1 per box.

- Unique tungsten coil for kink resistance and exceptional trackability
- Terumo Glide Technology hydrophilic coating for enhanced navigation
- Shapeable tip for optimal vessel access
- Large lumen and PTFE inner layer for virtually frictionless delivery of coils, microspheres, PVA particles and other therapeutic agents

Product Code	Total Length (cm)	Outer Diameter				Inner Diameter		Flexible Tip (cm)	Max GW (in)	Max Pressure (psi)	Coating Length (cm)	Flow Rate [†] (mL/sec)
		Distal (Fr)	Distal (mm)	Proximal (Fr)	Proximal (mm)	(in)	(mm)					
MC*PC2711Y	110	2.7	0.90	2.9	0.97	0.025	0.65	17	0.021	750	50	3.5
MC*PC2713Y	130	2.7	0.90	2.9	0.97	0.025	0.65	17	0.021	750	70	3.2

[†]Flow rates taken at 750 psi and 37°C using Isovue 300.

Progreat™ Ω

Coaxial Microcatheter Systems with R/O Marker Band

Each system includes one Progreat Microcatheter in specified size, one Glidewire® GT 0.021" core guidewire, one wire stopper and one guidewire introducer.

- Progreat Microcatheter features a unique tungsten coil middle layer for kink resistance and exceptional trackability
- 0.021" Glidewire GT is pre-assembled in the microcatheter and fixed onto the microcatheter hub
- Coaxial system reduces procedural steps and therefore saves time
- Simultaneous tracking of the Glidewire GT and microcatheter to the targeted site
- Coaxial system is appropriate in interventional procedures requiring a guidewire and microcatheter

Product Code	Total Length (cm)	Outer Diameter				Inner Diameter		Flexible Tip (cm)	Max GW (in)	Max Pressure (psi)	Coating Length (cm)	Flow Rate [†] (mL/sec)
		Distal (Fr)	Distal (mm)	Proximal (Fr)	Proximal (mm)	(in)	(mm)					
MC*PE28111YB	110	2.8	0.93	3.0	1.0	0.027	0.7	17	0.021	900	50	4.7
MC*PE28131YB	130	2.8	0.93	3.0	1.0	0.027	0.7	17	0.021	900	70	4.3

Progreat Coaxial Microcatheters have a 0.7 mm platinum marker band.
[†]Flow rates taken at 900 psi and 37°C using Isovue 300.

Progreat™

Coaxial Microcatheter Systems

Each system includes one Progreat Microcatheter in specified size, one Glidewire GT 0.021" core guidewire, one wire stopper and one guidewire introducer.

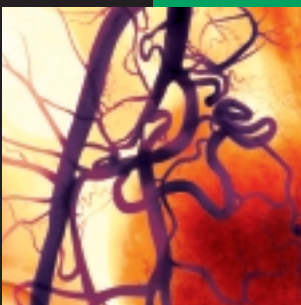
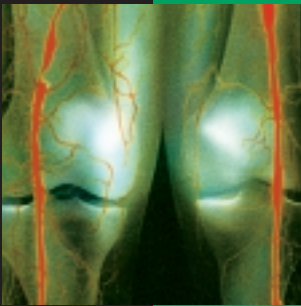
- Progreat Microcatheter features a unique tungsten coil middle layer for kink resistance and exceptional trackability
- 0.021" Glidewire GT is pre-assembled in the microcatheter and fixed onto the microcatheter hub
- Coaxial system reduces procedural steps and therefore saves time
- Simultaneous tracking of the Glidewire GT and microcatheter to the targeted site
- Coaxial system is appropriate in interventional procedures requiring a guidewire and microcatheter

Product Code	Total Length (cm)	Outer Diameter				Inner Diameter		Flexible Tip (cm)	Max GW (in)	Max Pressure (psi)	Coating Length (cm)	Flow Rate [†] (mL/sec)
		Distal (Fr)	Distal (mm)	Proximal (Fr)	Proximal (mm)	(in)	(mm)					
MC*PE27111Y	110	2.7	0.9	2.9	0.97	0.025	0.65	17	0.021	750	50	3.5
MC*PE27131Y	130	2.7	0.9	2.9	0.97	0.025	0.65	17	0.021	750	70	3.2

[†]Flow rates taken at 750 psi and 37°C using Isovue 300.

This is TERUMO Territory.™

Compressible Microspheres





Compressible Microspheres

Bead Block Microspheres are packed in 1 and 5 pack boxes.

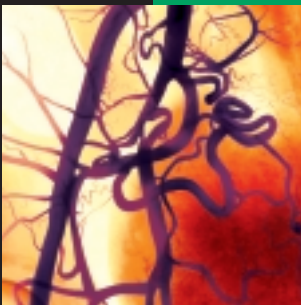
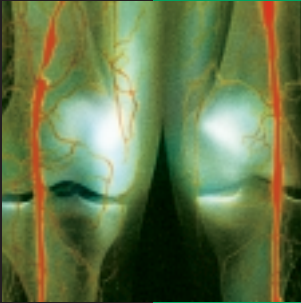
- Proven PVA microporous hydrospheres
- Robust spherical design minimizes attrition
- Hydrophilic surface prevents aggregation of catheters and microcatheters
- Pre-filled color coded syringes for added procedural safety and efficiency
- Broad range of calibrated bead sizes to precisely match targeted vessel lumen

	1 mL 1 Pack Product Code	1 mL 5 Pack Product Code	2 mL 1 Pack Product Code	2 mL 5 Pack Product Code	Size Range (μm)	Color Code
	EB1S103	5EB1S103	EB2S103	5EB2S103	100 – 300	Yellow
	EB1S305	5EB1S305	EB2S305	5EB2S305	300 – 500	Blue
	EB1S507	5EB1S507	EB2S507	5EB2S507	500 – 700	Red
	EB1S709	5EB1S709	EB2S709	5EB2S709	700 – 900	Green
	EB1S912	5EB1S912	EB2S912	5EB2S912	900 – 1200	Purple

1 mL volume of Bead Block Microspheres is suspended in physiological buffered saline in a 20 mL syringe.
2 mL volume of Bead Block Microspheres is suspended in physiological buffered saline in a 20 mL syringe.

This is TERUMO Territory.™

Obturator
Torque Devices



Obturator

Obturator are packed 10 per box.

Product Code	Length (cm)	Diameter (Fr)	Protruding Length (mm)
XX501	10	5	5
XX601	10	6	5
XX701	10	7	5
XX801	10	8	5
XX901	10	9	5
XX502	25	5	5
XX602	25	6	5
XX702	25	7	5
XX802	25	8	5
XX902	25	9	5

Torque Devices

Torque Devices are packed 5 per box.

Product Code	
TD01	Accommodates wires with a diameter from 0.010 to 0.038 inches.

Index by Code

Introducer Sheaths

Product Code

RM*BF5F10PA	p. 4
RM*BF5F16PA	p. 4
RM*BF5F25PA	p. 4
RM*BF6F10PA	p. 4
RM*BF6F16PA	p. 4
RM*BF6F25PA	p. 4
RSB601	p. 3
RSB602	p. 3
RSB603	p. 3
RSB701	p. 3
RSB702	p. 3
RSB703	p. 3
RSB801	p. 3
RSB802	p. 3
RSB803	p. 3
RSC01	p. 5
RSC02	p. 5
RSC03	p. 5
RSC04	p. 5
RSC05	p. 5
RSC06	p. 5
RSC07	p. 5
RSC08	p. 5
RSM01	p. 7
RSM02	p. 7
RSM03	p. 7
RSM04	p. 7
RSM05	p. 7
RSM06	p. 7
RSM07	p. 7
RSM08	p. 7
RSM09	p. 6
RSM10	p. 6
RSP01	p. 5
RSP02	p. 5
RSP03	p. 5
RSP04	p. 5
RSR01	p. 5
RSR02	p. 5
RSR03	p. 5
RSR04	p. 5
RSR05	p. 5
RSR06	p. 5
RSR07	p. 5
RSR08	p. 5
RSR09	p. 5
RSR10	p. 5
RSR11	p. 5
RSR12	p. 5
RSR13	p. 5
RSR14	p. 5
RSR15	p. 5
RSR16	p. 5
RSR17	p. 5
RSR18	p. 5

RSR19	p. 5
RSR20	p. 5
RSS001	p. 2
RSS002	p. 1
RSS003	p. 2
RSS004	p. 1
RSS005	p. 2
RSS006	p. 1
RSS101	p. 2
RSS102	p. 1
RSS103	p. 2
RSS104	p. 1
RSS105	p. 2
RSS106	p. 1
RSS401	p. 2
RSS402	p. 1
RSS403	p. 2
RSS404	p. 1
RSS501	p. 2
RSS502	p. 1
RSS503	p. 2
RSS504	p. 1
RSS505	p. 2
RSS506	p. 1
RSS601	p. 2
RSS602	p. 1
RSS603	p. 2
RSS604	p. 1
RSS605	p. 2
RSS606	p. 1
RSS701	p. 2
RSS702	p. 1
RSS703	p. 2
RSS704	p. 1
RSS705	p. 2
RSS706	p. 1
RSS801	p. 2
RSS802	p. 1
RSS803	p. 2
RSS804	p. 1
RSS805	p. 2
RSS806	p. 1
RSS901	p. 2
RSS902	p. 1
RSS903	p. 2
RSS904	p. 1
RSS905	p. 2
RSS906	p. 1

Guidewires

Product Code

GE1801	p. 10
GE3501	p. 8
GE3502	p. 8
GE3801	p. 8
GM1001	p. 12
GM1002	p. 12

GM1221	p. 12
GM1222	p. 12
GM1223	p. 12
GM1224	p. 12
GM1401	p. 12
GM1402	p. 12
GM1601	p. 12
GM1602	p. 12
GM1621	p. 12
GM1622	p. 12
GM1623	p. 12
GM1624	p. 12
GM1801	p. 12
GM1802	p. 12
GM1811	p. 11
GM1812	p. 11
GM1813	p. 11
GM1814	p. 11
GR1802	p. 10
GR1803	p. 10
GR1805	p. 10
GR1806	p. 10
GR2501	p. 10
GR2502	p. 10
GR2503	p. 10
GR2504	p. 10
GR2505	p. 10
GR2506	p. 10
GR3201	p. 8
GR3202	p. 8
GR3501	p. 8
GR3502	p. 8
GR3503	p. 8
GR3504	p. 8
GR3505	p. 8
GR3506	p. 8
GR3507	p. 8
GR3508	p. 8
GR3509	p. 8
GR3510	p. 9
GR3801	p. 8
GR3802	p. 8
GR3803	p. 8
GR3804	p. 8
GR3805	p. 8
GR3806	p. 8
GR3807	p. 8
GR3808	p. 8
GR3809	p. 8
GR3810	p. 9
GS3501	p. 9
GS3502	p. 9
GS3503	p. 9
GS3505	p. 9
GS3504	p. 9
GS3506	p. 9
GS3507	p. 9
GS3508	p. 9

GS3509	p. 9
GS3510	p. 9
GS3801	p. 9
GS3802	p. 9
GS3803	p. 9
GS3804	p. 9
GS3805	p. 9
GS3806	p. 9
GS3807	p. 9
RG*ES1818SA	p. 11
RG*GA1818SA	p. 11
RG*GE1818SA	p. 11
RG*GW1818SA	p. 11

Angiographic Catheters

Product Code

CG401	p. 13
CG402	p. 13
CG403	p. 13
CG404	p. 13
CG405	p. 13
CG406	p. 13
CG407	p. 13
CG408	p. 13
CG409	p. 13
CG410	p. 13
CG411	p. 13
CG412	p. 13
CG413	p. 13
CG414	p. 13
CG415	p. 13
CG416	p. 13
CG417	p. 13
CG418	p. 13
CG501	p. 15
CG502	p. 15
CG503	p. 15
CG504	p. 15
CG505	p. 15
CG506	p. 15
CG507	p. 15
CG508	p. 15
CG509	p. 15
CG510	p. 15
CG511	p. 15
CG512	p. 15
CG513	p. 15
CG514	p. 15
CG515	p. 15
CG516	p. 15
RF*WA15110M	p. 14
RF*WA25110M	p. 14
RF*WB15110M	p. 14
RF*ZB5510GM	p. 14
RF*ZM7510GM	p. 14
RF*ZM75110M	p. 14

RF*ZV9510GM	p. 14
RF*ZV95110M	p. 14

Microcatheters

Product Code

MC*PB2811Y	p. 16
MC*PB2813Y	p. 16
MC*PC2711Y	p. 16
MC*PC2713Y	p. 16
MC*PE27111Y	p. 17
MC*PE27131Y	p. 17
MC*PE28111YB	p. 17
MC*PE28131YB	p. 17

Embolics

Product Code

EB1S103	p. 18
EB1S305	p. 18
EB1S507	p. 18
EB1S709	p. 18
EB1S912	p. 18
EB2S103	p. 18
EB2S305	p. 18
EB2S507	p. 18
EB2S709	p. 18
EB2S912	p. 18
5EB1S103	p. 18
5EB1S305	p. 18
5EB1S507	p. 18
5EB1S709	p. 18
5EB1S912	p. 18
5EB2S103	p. 18
5EB2S305	p. 18
5EB2S507	p. 18
5EB2S709	p. 18
5EB2S912	p. 18

Accessories

Product Code

TD01	p. 19
XX501	p. 19
XX502	p. 19
XX601	p. 19
XX602	p. 19
XX701	p. 19
XX702	p. 19
XX801	p. 19
XX802	p. 19
XX901	p. 19
XX902	p. 19

For more information, call 800.862.4143 to speak to a Customer Care Representative,
or visit www.terumomedical.com/interventional

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TERUMO INTERVENTIONAL SYSTEMS