

HYDROPHILIC GUIDEWIRES

Company Name	Product Name	Type	Diameter (inch)	Length (cm)	Tip Type	Comments
AngioDynamics	AquaLiner	Nitinol	0.032, 0.035, 0.038	150, 180, 260	Straight, angled	Available in regular or stiff configurations; advanced coating technology
	Nit-Vu Nitinol Microguidewires		0.014, 0.018	80, 110, 180, 300		Available in standard, intermediate, stiff configurations; advanced coating technology
Asahi Intecc USA, Inc.	Regalia XS 1.0	Stainless steel with polymer sleeve	0.014	180, 300	Straight, J-tip	Hydrophilic-coated polymer wire specifically designed for tortuous anatomy and highly stenosed lesions
Bard Peripheral Vascular, Inc.	Porter	Stainless steel	0.014	195, 300	Straight	Hydrophilic guidewire in various levels of tip stiffness, providing excellent trackability, steerability, visibility, and support for delivery of therapeutic devices
Boston Scientific Corporation	Transend Steerable Guidewire	Stainless steel alloy core	0.014, 0.018	0.014 inch: 135, 165, 190; 0.018 inch: 135 and 165	2-cm shapeable tip	Distal 38 cm contains ICE hydrophilic coating engineered to reduce surface friction to enhance trackability
	ZIPwire Guidewire	Polyurethane jacket with hydrophilic coating; nitinol core	0.018, 0.025, 0.035, 0.038	80, 150, 180, 260	Straight, angled	Available in regular or stiff configurations; dynamic nitinol core engineered to promote pushability to facilitate advancement; precise torque response engineered to enable secure control when subselecting distal and angulated branch vessels
	Fathom-14 Guidewire	Hybrid stainless steel and nitinol	0.014	200, 300	10 cm with 2-cm shapeable or angled tip	Designed for complex, highly tortuous endovascular procedures
	Fathom-16 Guidewire		0.016	140, 180	10 or 20 cm with 2-cm shapeable tip	
Codman Neurovascular	Neuroscout 14 Steerable Guidewire	Stainless steel with hydrophilic coating	0.014	205, 300	Shapeable tip	Specifically designed for excellent tip shaping and shape retention
	Agility 10 Steerable Guidewire		0.010	195		The soft tips enable easy shapeability and safe vessel access; available in standard and soft configurations
	Agility 14 Steerable Guidewire		0.014	205, 350		
	Agility 16 Steerable Guidewire		0.016	175, 205		

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Cook Medical	HiWire	Nitinol core, polyurethane jacket	0.018–0.038	150, 180, 260	Straight, angled	Available in either a standard or stiff shaft configuration		
	Roadrunner PC	Nitinol core with platinum coils, polyurethane jacket	0.035–0.038	145, 180, 260		Angled, 2-mm J	Available in either a standard or stiff shaft configuration and a standard or long taper configuration	
	Roadrunner PC: Connors Modification				Distal 65 cm of wire is hydrophilic-coated polymer; remaining portion is TFE coated			
Cordis Corporation	Aquatrack Hydrophilic Nitinol Guidewire	Nitinol	0.035	150, 180, 260	Straight, angled	Not provided		
Medtronic, Inc.	Cougar LS	Nitinol	0.014	190, 300	J-curved, straight	Cougar Workhorse wire technology, available in hydrophilic and silicone		
	Cougar XT							
	Intuition	Stainless steel		180, 300	Straight	Intuition Advanced Workhorse wire technology, available in hydrophilic and silicone		
	ProVia 3						Designed to cross most demanding lesions, available in hydrophilic and silicone	
	ProVia 6							
	ProVia 9							
	ProVia 12							
	Zinger Light							J-curved, straight
	Zinger Marker						Zinger Workhorse wire technology with marker bands; available in hydrophilic and silicone	
Zinger Medium	Zinger Workhorse wire technology; medium support; available in hydrophilic and silicone							
Zinger Support	Zinger Workhorse wire technology with advanced support; available in hydrophilic and silicone							

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Company Name	Product Name	Type	Diameter (inch)	Length (cm)	Tip Type	Comments
Medtronic, Inc. (continued)	Thunder Wire	Stainless steel	0.014	190, 300	J-curved, straight, core to tip	Thunder Extra Support wire technology, available in silicone only
	Persuader 3			180, 300	Straight, core to tip	Persuader 3 Crossing wire technology; available in silicone and hydrophilic
	Persuader 6					Persuader 6 Crossing wire technology; available in silicone and hydrophilic
	Persuader 9					Persuader 9 Crossing wire technology; available in silicone and hydrophilic
Merit Medical Systems, Inc.	Laureate Hydrophilic Coated Guide Wire	Nitinol	0.035	80, 150, 180, 260	Straight, angled, and straight long taper; tip flexibility 5 cm; available in standard and stiff configurations	Proprietary nitinol-core wire provides excellent 1:1 torque control; enhanced coating technology provides enduring lubricity for rapid vessel selection
	H2O Hydrophilic Coated Guide Wire		0.018, 0.025, 0.035, 0.038	Straight, angled, and straight long taper; tip flexibility 5 and 8 cm	Nitinol core (for fluoroscopic visualization); polyurethane jacket with hydrophilic coating; standard and stiff shaft	
Navilyst Medical	Charter Guidewire	Stainless steel core wire construction	0.014, 0.018	0.014 inch, 180; 0.018 inch, 140, 180	Shapeable tip	Proprietary manufacturing process for precise control and predictable, consistent tip response and shapeholding memory; 1-piece stainless steel core wire construction; platinum coil tip for flexibility, shapeability, and visibility; Glyce hydrophilic coating
MicroVention Terumo	Headliner Hydrophilic Coated Guidewire	Nitinol	0.012, 0.016	200	45° angle, 90° angle, 90°/150° double angle, 1.5-mm J-tip angle; tip flexibility: 20 and 35 cm	Proprietary Glidewire technology with gold coil at tip for enhanced radiopacity; distal tip specifically engineered for delicate neuro procedures; floppy and standard tip taper available
	Traxcess Neuro Guidewire				Soft, atraumatic tip; shapeable 1.4-cm tip length; straight with 0.012-inch distal diameter to access small vessels	First neuro guidewire to combine nitinol and stainless steel with the Terumo Glide technology, which allows for unlimited shapeability throughout the procedure
St. Jude Medical, Inc.	HydroSteer	Nitinol	0.018	150, 180	Angled, straight	Hydrophilic coating
			0.035, 0.038	150, 180, 260	Angled; straight, J-tip	

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Terumo Interventional Systems	Glidewire: Hydrophilic Coated Guidewire	Nitinol	0.018, 0.025, 0.032, 0.035, 0.038	80, 120, 150, 180, 260	Angled, straight, J-curved, shapeable, proprietary Bolia curve; tip flexibility: 1, 3, 5, 8 cm	Super elastic nitinol core with polyurethane jacket and proprietary Glide technology hydrophilic coating; available in standard and stiff shaft
	Glidewire Gold: Hydrophilic Coated Guidewire for Peripheral		0.018	180	Shape: 45° and 70° angle; tip flexibility: 3, 5 cm	Proprietary Glidewire technology with gold band at tip for enhanced radiopacity; for peripheral applications
	Glidewire GT: Hydrophilic Coated Guidewire for Super-Selectivity				45° angle, 90° angle, 90°/60° double angle, straight (shapeable); tip flexibility: 25 cm	Proprietary Glidewire technology with gold coil at tip for enhanced radiopacity; flexible distal tip designed for super-selectivity; for visceral applications
	Glidewire Advantage	Nitinol core	0.035	180, 260	Angled	25-cm hydrophilic distal portion for navigation; stiffer proximal portion with spiral PTFE coating to support device delivery
	Runthrough NS	Nitinol core to stainless steel	0.014	180, 300	Straight	Hybrid wire that fuses nitinol and stainless steel for exceptional torque control; tip is hydrophilic coated (nonplastic jacket), with a hydrophobic cap for tactile feedback
Vascular Solutions, Inc.	Muskie	Stainless steel	0.014	195, 300	Five options for tip stiffness: 3, 4.5, 6, 9, 12 g	Hydrophilic but not jacketed; 3-cm platinum coil for visibility

PTFE, polytetrafluoroethylene; TFE, tetrafluoroethylene.