

## CTO DEVICES

Company Name	Product Name	Catheter Size (F)	Wire Size (inch)	Working Length (cm)	Minimum Guiding Catheter ID (inch)	Comments
Avinger	Wildcat	6	0.035	110	N/A	OTW CTO crossing catheter with 6 modes of operation; Juicebox compatible
Bard Peripheral Vascular, Inc.	Crosser 14S	4.8 (OTW), 3.9 (RX)	0.014	146 (OTW), 146 (RX)	0.067	Peripheral over-the-wire or rapid-exchange catheters utilize high-frequency, mechanical vibration to cross CTOs via atherectomy
	Crosser 14P					
	Crosser S6	3.9	N/A	154	0.053	High-performance CTO recanalization catheter delivering enhanced efficiency, flexibility, and steerability to facilitate recanalization of peripheral occlusion via atherectomy
Baylis Medical Company	PowerWire Radiofrequency Guidewire	N/A	0.035	250	N/A	RF energy delivered through a nitinol core wire with a low-friction PTFE coating to a radiopaque tip; tapered distal profile and variable options for distal stiffness facilitate crossing of challenging occlusions in the peripheral vasculature; straight and angled models available
Boston Scientific Corporation	TruePath CTO Device	N/A	0.018	165	0.018	0.018-inch guidewire with 0.017-inch diamond-coated, rotating distal tip; shaping tool allows for 15° angle; extension capability to 335 cm; compatible with any 0.018-inch compatible catheters ≤ 135 cm
Cordis Corporation	Frontrunner XP CTO Catheter	3.1	N/A	90, 140	0.039	Actuating distal tip creates a channel through occlusions via blunt microdissection
	Micro Guide Catheter	4.5		82, 132	0.078	Support catheter for use with 90-cm or 140-cm Frontrunner XP CTO catheter
	Outback LTD Re-Entry Catheter	5.9	0.014	120	0.079	Enables reentry of a guidewire from the subintimal space back into the true lumen via reentry cannula and highly visible L and T markers
Medtronic, Inc.	Pioneer Plus IVUS-Guided Re-Entry Catheter	6	0.014	120	0.087	Uses IVUS to facilitate ease of orientation of the reentry cannula toward the true lumen

CTO, chronic total occlusion; IVUS, intravascular ultrasound; OTW, over the wire; PTFE, polytetrafluoroethylene; RF, radiofrequency; RX, rapid exchange.