

OTHER DEVICES

CTO DEVICES

Company Name	Product Name	Catheter Size (F)	Wire Size (inch)	Working Length (cm)	Minimum Guiding Catheter ID (inch)	Comments
Baylis Medical Company	PowerWire Radiofrequency Guidewire	N/A	0.035	250	N/A	RF energy delivered through a nitinol core wire with a PTFE coating to a platinum-coated radiopaque tip; available with straight tip, 0.5-cm arc-length 45° angled tip, or 1.5-cm arc length 45° angled tip; new models provide options for distal stiffness of the wire
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- or 140-cm Frontrunner XP CTO catheter
	Outback LTD Re-Entry Catheter	5.9	0.014	120	0.079	Enables re-entry of a guidewire from the subintimal space back into the true lumen via re-entry cannula and highly visible L and T markers
FlowCardia, Inc.	Crosser 14S	4.8 (OTW), 3.9 (RX)	0.014	140 (OTW), 146 (RX)	0.067	Peripheral over-the-wire or rapid-exchange catheters delivering high-frequency vibration for CTO recanalization
	Crosser 14P					
	Crosser 18	4.5	0.018	125	0.08	Peripheral rapid-exchange catheter delivering high-frequency vibration for CTO recanalization
	Crosser 14	3.9	0.014	146	0.067	Coronary rapid-exchange catheter delivering high-frequency vibration for CTO recanalization
	Crosser LP	3.8	N/A		0.053	Coronary catheter delivering high-frequency vibration for CTO recanalization
Medtronic, Inc.	Pioneer Plus IVUS-Guided Re-Entry Catheter	6	0.014	120	0.079	Uses IVUS to facilitate ease of orientation of the re-entry cannula toward the true lumen
Ovalum Vascular Ltd.	Voletex CTO Crossing System	1.9	0.014	140	0.052	Guidewire with dilatable tip and accessory for crossing CTOs
	Voletex CTO Crossing Device	N/A				Guidewire with dilatable tip for crossing CTOs
	Voletex MC Microcatheter	1.9	N/A	126		Metallic support and exchange microcatheter used to aid guidewire manipulation in complex angiographic procedures

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