

# CTO DEVICES

Company Name	Product Name	Catheter Size (F)	Working Length (cm)	Minimum Guiding Catheter ID (inch)	Comments
Lumend Inc.	Fronrunner XP CTO Catheter	3.1	90, 140	.067	2.3-mm, straight distal tip
	Fronrunner Micro Guide Catheter	4.5	82, 127	.078	Support catheter for use with 90-cm or 140-cm Fronrunner XP CTO catheter
	Outback LTD Re-Entry Catheter	5.9	120	.079	
Medtronic	Pioneer IVUS-Guided Re-Entry Catheter	7	120	.092	64 phased array IVUS for accurate needle placement