

OTHER DEVICES

CEREBRAL COILS

Company Name	Product Name	Materials Used	Coil Type	Method of Detachment	Key Benefits	FDA Market Cleared
Boston Scientific Corporation	GDC	Bare platinum	GDC 3D, GDC 360, GDC standard, GDC soft, GDC soft SR, GDC UltraSoft	Electrolytic detachment	Aneurysm occlusion with Matrix biopolymer coating	Yes
	Matrix	PGLA, bare platinum	Matrix firm, Matrix 3D, Matrix 360, Matrix soft, Matrix SR, Matrix UltraSoft			
Codman Neurovascular	Trufill DCS Orbit Detachable Coil	Bare platinum	Complex fill, complex standard, mini complex fill, helical fill, tight distal loop technology	Hydraulic detachment	Excellent conformability and concentric filling for outstanding packing density	Yes
ev3 Inc.	Axium Detachable Coils	Bare platinum, PGLA Microfilament, and Nylon Microfilament	Framing, filling, finishing	Mechanical detachment	Stretch-resistance, optimal balance of softness, stability, and volume for increased packing volume, instant detachment	Yes
MicroVention Terumo	HydroCoil MicroPlex	Bare platinum and platinum hydrogel-coated coils	MicroPlex coil system (compass/complex for framing helical coils for filling HyperSoft for finishing); HydroCoil embolic system, which combines platinum coils and hydrogel technology (HydroSoft for filling/finishing)	V-Grip detachment controller; self-contained integrated power supply; rapid coil detachment: 0.75 seconds	Hydrogel provides increased filling and greater mechanical stability; platinum coils provide versatile framework, stability, and conformability	Yes
Micrus Endovascular	Micrus Endovascular Microcoil System	Stretch-resistant bare-platinum and Cerecyte-PGA coils	Micrusphere, Presidio, and Cashmere three-dimensional framing coils; Delta Wind filling and finishing Coils; Ultipaq and Helipaq two-dimensional filling coils	Mechanical detachment using resistive heating	Frontline framing and filling coils; excellent conformability with increased packing volume; Cerecyte line of enhanced embolic coils	Yes

GDC, Guglielmi Detachable Coil; PGA, polyglycolic acid; PLGA, polylactic-co-glycolic acid