

OTHER DEVICES

CEREBRAL COILS

| Company | Product | Materials Used (Bare Platinum, Next-Generation) | Coil Type (Framing, Standard, Finishing Coil, Soft Coil) | Method of Detachment | Key Benefits | FDA Market Cleared |
|---------------------------------|--------------------------------------|--|--|--|---|--------------------|
| Boston Scientific Corporation | GDC, Matrix | GDC: Bare platinum Matrix: PGLA, bare platinum | GDC 3D, GDC 360, GDC Standard, GDC Soft, GDC Soft SR, GDC UltraSoft, Matrix Firm, Matrix 3D, Matrix 360, Matrix Soft, Matrix SR, Matrix UltraSoft | Electrolytic detachment (GDC, Matrix) | Durable aneurysm occlusion and benefits of healing mechanisms with Matrix biopolymer coating | Yes (GDC, Matrix) |
| Cordis Neurovascular, Inc. | TruFill DCS Orbit Detachable Coil | Bare platinum | Complex Fill, Complex Standard, Mini Complex Fill, Helical Fill, Complex Fill (Tight Distal Loop), Complex Standard (Tight Distal Loop) | Hydraulic detachment | Excellent conformability and concentric filling for outstanding packing density | Yes |
| ev3, Inc. | Axium Detachable Coils | Bare platinum | Framing, filling, finishing | Linear release | Smooth effortless delivery; precise conformable deployment; instant reliable detachment | Yes |
| MicroVention, Inc. | 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: .75 seconds | Hydrogel provides increased filling and greater mechanical stability; platinum coils provide versatile framework, stability, and conformability | Yes |
| Micrus Endovascular Corporation | Micrus Endovascular Microcoil System | Stretch-resistant bare-platinum and Cerecyte-PGA coils | Micrusphere, Presidio, and Cashmere 3D Coils; Helipaq, Ultipaq, and Interpaq 2D Coils | Mechanical detachment using resistive heating | Frontline framing and filling coils; excellent conformability with increased packing volume; Cerecyte line of enhanced embolic coils | Yes |

VASCULAR PLUGS

| Company Name | Product Name | Material Used | Size (mm) | Delivery Cable Length (cm) | Recommended Guide Catheter Size Inner Diameter (inch) | Indicated Use |
|-------------------------|----------------------------|---------------|-----------|----------------------------|---|---|
| AGA Medical Corporation | Amplatzer Vascular Plug | Nitinol | 4–8 | 135 | .056 | Arterial and venous embolizations in the peripheral vasculature |
| | | | 10–12 | | .067 | |
| | | | 14–16 | | .088 | |
| | Amplatzer Vascular Plug II | Nitinol | 3–8 | 135 | .056 | |
| | | | 10–12 | | .07 | |
| | | | 14–16 | | .086 | |
| | | | 18–22 | | .098 | |