



COOL D-B80

Butterfly (figure 8), Active cooling, No Placebo

The Cool D-B80 coil is used for MagVenture's FDA cleared OCD protocol. It is specifically designed to reach deeper cortical structures and thus suitable for the treatment of OCD. It has a built-in timer and counter indicating the remaining pulses/days.

Contact

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Performance

Number of stimulations, before warm-up at ambient temperature 20°C (68°F): Protocol: 2pps Setup: Output=100%: Number of stimulations before warm-up: Protocol: 75 trains @ 40 pulses/train @ 10pps @ Inter Train Interval: 11s @ Output=75%: Number of stimulations before warm-up: >20.000 pulses

Mechanical Properties

Weight of transducer head	1.8 kg/4.0 lbs
Dimensions of transducer head	2 x ø110 mm/2 x ø4.3 in. Thickness 30 mm/1.2 in.
Angle	120°
Cable length	2 m/6.6 ft.

Coil winding data

Inner diameter	67 mm/2.6 in.
Outer diameter	95 mm/3.7 in.
Winding height	12 mm/0.5 in.
Number of windings	2x (3+4)

Magnetic and electrical properties

Max initial dB/dt (near the coil surface)	31kT/s
Active pulse width (Biphasic)	290µs

Operating period

5 years or max. 27.000.000 EPV

Ordering number

9016E0531