

## **Microstim Electric shocks**

The Micostim DBS is not attached to the mains.

It is a battery 9 V, 550mAh (PP3 Alkaline) operated instrument that develops stimuli of 200  $\mu$ s pulse width up to  $\geq 90$  V p-p (100 mA) with 1 K $\Omega$  load, in order to assess the patient's condition under anaesthesia.

In the worst-case failures:

The switch has independent on/off for battery and pulses. It needs physical action on behalf of the user to function.

Continuous output the circuitry, assuming the switches are held on cannot sustain this output for more than a few seconds. Capacitor discharge is visible even during Train of four.

The unit is battery powered with a limited capacity.

There are no current specific standards for Supramaximal Peripheral Nerve Stimulators

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