

Compatibility Trials.

Clinical evaluation of the Microstim DB – Manchester RI Medical Physics Dept.

Manchester RI Medical Physics Department compared the outputs of the Microstim to existing Nerve Stimulators during the design phase.

- The Microstim was found to provide an output current superior to other stimulators on the market. (1984/85) under normal patient load conditions i.e. resistive load of approximately 1K ohms or less.
- Investigation took place to compare the response of wave shape and current levels under abnormal loads of resistance and capacitance i.e. poor connection to the patient.
- Photo's and comparison curves show the Microstim behaving similar to other stimulators on the market. Although the stimulators would not be expected to function effectively under high patient impedances it was important to know that nothing dramatic occurred to the output or to the circuit components of the Microstim.