Download Intraoperative Neurophysiological Monitoring

Intraoperative neurophysiological monitoring (IONM) or intraoperative neuromonitoring is the use of electrophysiological methods such as electroencephalography (EEG), electromyography (EMG), and evoked potentials to monitor the functional integrity of certain neural structures (e.g., nerves, spinal cord and parts of the brain) during surgery.About Intraoperative Neurophysiological Monitoring: Since the 1970s, somatosensory evoked potentials (SSEPs) have been used to monitor spinal cord function by stimulating a nerve distal to the surgery and recording responses from the cerebral cortex or other locations rostral to the surgery.About Intraoperative Neurophysiological Monitoring: Since the 1970s, somatosensory evoked potentials (SSEPs) have been used to monitor spinal cord function by stimulating a nerve distal to the surgery and recording responses from the cerebral cortex or other locations rostral to the surgery.Evokes, Inc provides intraoperative monitoring, remote physician oversight, in house security support in Ohio and Kentucky. - Intraoperative Neurophysiological Monitoring