



Medtronic

This information is intended for media professionals and investors

Medtronic Surgical Technologies Media Contact:

Natalie St. Denis, Senior Manager, Corporate Communications and eMarketing 720-890-3314

NIM-Eclipse® Nerve Monitoring System

Spinal surgeries carry a risk of spinal cord, nerve and blood vessel injury. Neurological deficits after spinal procedures can cause paralysis, muscle weakness, pain, bladder/bowel disturbances and sexual dysfunction. The primary method for minimizing the effects of intra-operative neurological injury is through prevention of direct injury. Early recognition of secondary neurological injury is critical so that appropriate treatment can be initiated to minimize the potential indirect injury consequences.

Intra-operative neuromonitoring (IONM) using electrophysiological techniques may help surgeons predict an increased risk of injury during surgery by assessing changes in electrical potentials in the nerves. IONM systems such as the Medtronic NIM® Eclipse system alert surgeons of changes in nerve potentials – a possible indicator of nerve injury – allowing them to make immediate adjustments, such as reducing the remainder of surgery or adjusting hardware.

The NIM-Eclipse® system allows tailoring of different IONM approaches to particular surgeries and enables the surgical team to react quickly to alerts. The NIM-Eclipse® family of IONM products are available as a Surgeon Directed (SD) version and as a Neurophysiologist Supported (NS, NP) version. For more information visit www.medtronicneurosurgery.com