# MEDCO FORUM®

PRESENTING INNOVATIVE PRODUCTS & SERVICES TO HEALTHCARE PROFESSIONALS

## Medco Forum is Proud to Introduce The Checkpoint® Stimulator/Locator

Recent advances in nerve stimulation technology allow surgeons to practice "neuroprotective surgery" – employing surgical techniques designed to protect and preserve nerves during surgery. The CHECKPOINT® Stimulator/Locator, from Checkpoint Surgical, is a state-of-the-art hand-held, intra-operative nerve and muscle stimulator that helps surgeons locate, identify and evaluate motor nerve tissue and muscle function in surgical procedures that require careful and precise soft tissue dissection or nerve exploration and repair.

Scott H. Kozin, MD, Professor of Orthopaedic Surgery at Temple University, and Chief of Hand Surgery at Shriners Hospitals for Children (Philadelphia, PA), said that prior to having the Checkpoint he used a relatively inexpensive, disposable device that did not reliably or reproducibly provide information to help in his surgical decision making. Dr. Kozin continues, "The Checkpoint, on the other hand, works 100% of the time, provides a bi-phasic current that is adjustable in terms of the dose and pulse width, and it provides consistently reliable information that gives me confidence when making decisions during surgery."

About 50-60% of Dr. Kozin's practice involves pediatric nerve cases, many of which include procedures for brachial plexus injury in infants. Dr. Kozin notes that the Checkpoint makes the surgery more efficient for him, while helping to identify the nerves that are primarily affected by the injury. "When I expose the brachial plexus, I use the Checkpoint to define both normal and abnormal anatomy. I can stimulate the phrenic nerve to make sure it is appropriately mobilized out of the way and working, and then I stimulate the various roots of the brachial plexus to confirm that my surgical findings are consistent with my physical examination prior to surgery. Once I know the uninjured nerves are working and safely mobilized out of the way, I can turn my attention to the damaged nerve segments."

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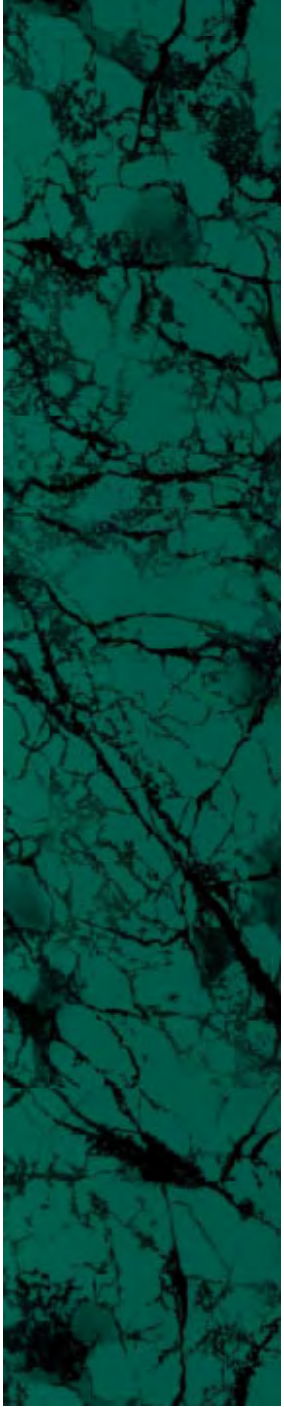
Milan Stevanovic, MD, PhD, Professor of Orthopaedics and Surgery, University of Southern California; Departments of Orthopaedic Surgery and Pediatrics at the Children's Hospital Los Angeles says "With the Checkpoint, you can more efficiently and precisely locate and evaluate the nerves." He uses the Checkpoint in cases involving pediatric patients with brachial plexus palsy, obstetric brachial plexus palsy, as well as adults with traumatic injury of the brachial plexus. "I can also use the Checkpoint if I need to identify the axillary nerve or other nerves in the shoulder if a total joint surgeon needs us to dissect a nerve to prevent any injury around the joints."

Checkpoint® is being used by surgeons in a variety of orthopedic procedures that require careful and precise soft tissue dissection including brachial plexus procedures, shoulder and elbow revision, reverse shoulder arthroplasty, and non-union fracture repair. The Checkpoint is not only a reliable tool for locating and identifying nerves, but also helps surgeons assess nerve and muscle function from initial exposure, throughout the case, and prior to closing. If suboptimal function is observed, the surgeon can assess options to improve function. This kind of feedback allows surgeons to make on-the-spot clinical decisions with greater confidence.

To trial Checkpoint at your hospital or surgery center, you need only call 877-478-9106 or email info@checkpointsurgical.com.

For more information about the Checkpoint® Stimulator Locator visit the website at www.checkpointsurgical.com.

Or visit Checkpoint at the Orthopaedic Surgery Conference (AAOS) at Booth



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