A Different Kind of Monitoring
For a New Era of Patient Safety

Monitoring | Interpretation | Education

axisneuro.com
A Different Kind of Neuromonitoring Group.
Real Time Monitoring. Real Time Results.

WHO WE ARE:
AXIS Neuromonitoring is committed to giving you superior patient care each and every day. Our highly trained staff reflects this attitude in the way we work with our patients, surgeons and hospitals. AXIS Neuromonitoring creates an atmosphere of mutual respect and consideration. Patient safety is our top concern.

WHAT WE DO:
AXIS Neuromonitoring provides intraoperative neurophysiological monitoring (IONM) services to patients, surgeons and hospitals. Our on-site technologist uses the industry’s best equipment to monitor the neurological responses of your patient and transmits the data real-time via online communication to dedicated interpreting physicians. This allows our staff to instantly communicate directly to the surgeon to let him or her know of any changes in the neurophysiological data, either as a consequence of the surgical manipulation or the surgical environment. This information is critical to a surgeon who may be repairing a nerve or avoiding unintended damage to one. AXIS Neuromonitoring is a leader in the neuromonitoring field, and also offers world-class education for technologists from across the industry.

WHAT AXIS CAN DO FOR YOU:
The opportunity to intervene during the surgical procedure utilizing skilled neurophysiology teams has significantly improved surgical outcomes and is documented widely in current literature.

Preventing neurological complications can save healthcare dollars by:

- Decreasing overall surgery time
- Decreasing length of stay
- Reducing complication rates: surgical manipulation or environment
- Minimizing re-admissions and revision procedures

AXIS keeps you prepared.

At AXIS, we understand the need for adaptability. Our understanding of minimally invasive techniques and lateral lumbar approaches means we will always be prepared and have the ability to develop a customized system for each technique. Our close working relationships with vendors means we will have the tools necessary to work with any implant vendors’ instrumentation.
AXIS has extensive experience with lateral lumbar techniques (XLIF or DLIF type) from several manufacturers, and we have equipment to connect to their instrumentation as needed.

AXIS technologists are educated on how to properly perform pedicle screw tests through MIS systems.

AXIS stays current with market changes and can respond quickly.

Dynamic instrumentation is available through multi stage leads, clips, custom stimulated instruments or powered drill/drivers.

### 24/7 Real Time Physician Data Interpretation.

Physician oversight is a key component of high-quality IONM. To add the most value, information is shared in real time during the surgical procedure to allow immediate communication between the technologist and the physician interpreting the data. AXIS provides a 24/7 physician team specializing in interpreting neurophysiological data, reading data in real time supplied by the highly trained technologist via a HIPAA-compliant internet-based connection. Additionally, the data captured in real time has rigid security protocols for maximum medico-legal protection.

### INDUSTRY-BEST TECHNOLOGY

AXIS works with top of the line manufacturers and software companies to equip our technologists with the most advanced neuromonitoring systems available.

Utilizing 16 and 32 channel computers, which is the gold standard for IONM computer equipment, the computers are capable of monitoring multiple modalities simultaneously: SEPs, MEPs, ABRs, VEPs, EMG, TEMG, EEG and TOF.

All equipment used by AXIS is durable, dependable and portable. In accordance to AXIS’ strict quality standard guidelines, all IONM equipment is biomed checked every 6 months with total system refurbishment and computer upgrades, by the manufacturer, every 2 years.

### CLASS-LEADING CONTINUING EDUCATION

AXIS offers continuing education programs designed to optimize patient care, providing the most up-to-date information and techniques to help techs maintain, develop and increase their knowledge, skills and professional performance. These are required learning for AXIS technologists, and are offered to technologists from across the country.

**AXIS in-house education program consists of:**
- Biweekly webinars and 2 two-day seminars each year.

**AXIS technologists also attend:**
- Nationally recognized education courses at least bi-annually such as ASET, Cadwell, WSET and ASNM.

All AXIS technologists receive CNIM certifications from ABRET.

AXIS also provides Nursing CEU courses for hospital staff on generic intraoperative neurophysiology techniques and applications.
Putting AXIS Neuromonitoring to work for you can mean better outcomes for your patients. We are committed to superior patient care each and every day. Patient care is our first concern.