



Intraoperative neurophysiological monitoring (IONM)

is used during spinal, orthopaedic and brain-related surgeries to detect neurological compromise, identify nervous system structures, and demonstrate which tracts or nerves are still functional.

Using recordings of electrical potentials from the nervous system during surgical operations, IONM provides early warning and avoidance of injury to structures of the nervous system.



But for IONM to be effective, it must be dependable, efficient and cost-effective. Impulse Monitoring provides the highest quality outsourced IONM services available anywhere. And we do so using methodologies designed to offer our clients better insight

during surgery to help them make the best decisions and, ultimately, enable them to practice the best medicine possible.

Real-Time Monitoring	Impulse provides real-time physician oversight, and senior neurophysiologist and IT support via a unique one-to-many and many-to-one IONM practice. This is achieved through a network connectivity model that allows real-time data transport from the operating room using industry standard encryption methods.
Full Case Range	Impulse offers a full range of monitoring to fill the needs of any facility's caseload.
Training	The Impulse neurophysiologist training program is comprehensive and auditable, making it the best in the industry. Each neurophysiologist must complete a rigorous 4-month training program of internal courses that are accredited for CME by ABRET.
Credentialing	Impulse internally credentials neurophysiologists for specific types of cases and monitoring modalities so that their capabilities match case complexity.
Scheduling	Scheduling is critical for IONM. Impulse provides easy access proprietary Web-based scheduling. You or your support staff can check at any time whether a case is scheduled.
Dependability	Impulse provides full night and weekend coverage. Our neurophysiologists are locally located to ensure flexible and fast response time for emergencies.
Unified Reporting	Impulse provides a standardized reporting format with 'easy read' features that can be ported across multiple equipment types.
Internal Quality Assurance	Because we store all of our data in electronic format, we can track results including true positive, true negative, and false positive events and investigate them to promote high-quality monitoring.
HIPAA Compliance	All Impulse processes are HIPAA compliant. Patient data is automatically removed from monitoring machines to protect privacy and is stored in a secure manner.
Research & Quality Assurance	Impulse's information transfer is built on a standard database backbone, allowing us to provide support for research initiatives as well as internal and external quality assurance.
Billing	Impulse billing is automated, allowing for consistent application of CMS or institution guidelines to every single case.
Management	Because we database our cases, automated cumulative reporting of cases can be provided at regular intervals.

Impulse Monitoring: The Logical Choice for IONM

Making the decision to outsource anything, let alone something as important as a component of patient care, requires careful consideration. The reasons hospitals and other institutions outsource their IONM services to Impulse are pretty simple: our unique infrastructure allows us to deliver the highest standards of patient care, while providing benefits that include:

- Lower cost of maintenance than an internal program
- Flexibility to deal with varying demand levels
- Wide scope of complex monitoring
- Availability of trained personnel
- Off-hours availability

About Impulse Monitoring, Inc.

Impulse Monitoring, Inc. provides intra-operative neuro-monitoring services to hospitals and other facilities for spinal and brain-related surgeries, among other procedures. The company employs neurophysiologists who provide monitoring in the operating room and contracts with physicians at remote locations who provide professional oversight and interpretation of the neurophysiological data gathered by the monitoring.

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