

CORPORATE OVERVIEW

Established:

Impulse Monitoring, Inc. (IMI) was founded in 2002 to enable onsite and web-based monitoring of neurological systems of patients undergoing spinal and brain-related surgeries. Intraoperative neurophysiological monitoring (IONM) changed the standards of care for these patients by reducing the risk of permanent neurological damage. In 2009, IMI acquired the IONM and autotransfusion assets of Hendersonville, TN-based NVMS, LLC (NVMS) also known as Nursing Visioned Medical Services.

Locations:

Corporate Headquarters/Marketing and Sales
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Description:

IMI provides surgeons, hospitals and medical centers with complete outsourced solutions for IONM and Autotransfusion (AT). IONM uses recordings of electrical potentials from the nervous system during surgical operations to provide early warning and avoidance of injury to structures of the nervous system during spinal and brain-related surgeries, among other procedures. IONM detects neurological compromise, identifies nervous system structures, and demonstrates which tracts or nerves are still functional. Among the most commonly monitored surgeries are spinal surgery; certain types of brain surgery; some

Ear, Nose and Throat (ENT) procedures; peripheral nerve surgery; and vascular surgeries, such as carotid endarterectomies.

IMI employs trained neurophysiologists who provide monitoring in the operating room and retains experienced physicians who provide web-based professional oversight and contemporaneous interpretation of the neurophysiologic data gathered by the monitoring neurophysiologist.

Autotransfusion is a process by which the blood lost by a patient during and after surgery is collected, cleaned and recycled back into the patient's body, as it is needed. AT removes the risks of infectious disease and allergic reactions that can be the result of transfusions and ensures that the blood type is a perfect match. AT therapists employed by IMI join the surgical team in the operating room to provide autotransfusion services before and during surgical procedures.

About IMI IONM:

Benefits

By providing warning and avoidance, IONM provides reassurance to the surgeon that no identifiable complication has been detected up to a certain point, allowing the surgeon to proceed further and provide a more thorough and effective intervention than would have been provided in the absence of monitoring.

In short, IONM can substantially improve patient care delivery at many levels, including:

- Reduced patient neurological deficits
- Markedly reduced surgical morbidity and mortality
- Reduced hospital stay and medical costs
- Reduced overall insurance burden

It is believed that numerous types of surgeries can benefit from IONM, including orthopedic, neurosurgical, cardiac, otolaryngological, plastic (peripheral nerve), and urologic.

Key Features

Physician Oversight

IMI provides real-time web-based physician oversight of multiple patients, which offers the following advantages:

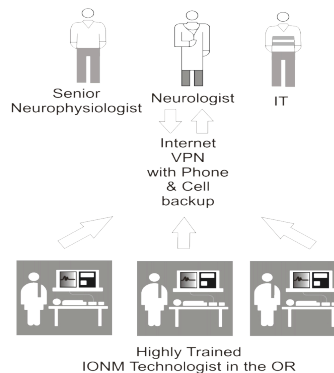
- highly qualified professional interpretation of data;
- access to highly competent and specialized monitoring physicians
- extension of scarce professional resources
- enhanced patient safety by enabling monitoring of more at risk cases than would otherwise be possible
- technologically appropriate advancements that facilitate real-time, online supervision by a physician with access to instantaneous communication with the on-site neurophysiologist

Training and Credentials

IMI's neurophysiologists undergo rigorous internal training and continuing education programs in not just one modality, but all of the various intraoperative protocols used in IONM. Additionally, IMI requires neurophysiologists to obtain external professional credentials that minimally include CNIM (Certification in Neurophysiologic Intraoperative Monitoring). Many of our neurophysiologists, however, present PhD and D. ABNM (Diplomate, American Board of Neurophysiological Monitoring) qualifications.

Technology

IMI uses a real-time web-based oversight method for multiple patients that is consistent with CPT code description and is fast becoming the standard of care for delivery of IONM oversight.



Data Security and Storage

IMI transfers IOM data to a remote central location for real-time professional oversight and interpretation. All data is encrypted and sent through a Virtual Private Network meeting HIPAA security requirements.

Research and Development

IMI actively supports research and development projects that are expanding the application of neuromonitoring beyond traditional orthopedic spine and complex neurosurgery cases. IMI has made large investments in clinical education and training, as well as communication infrastructure to deliver information and data in a timely and efficient manner.

About IMI Autotransfusion:

Benefits

The AT process removes the risk of infectious disease and ensures that the blood type is a perfect match. The risk of allergic reactions, therefore, is drastically reduced. Even after surgery, all of the blood that goes into the patient is made by the patient. In addition to the direct personal benefits, AT helps save other lives, since every pint of donor blood that is not used can be used to save the lives of three other people.

Key Features

Intraoperative and Postoperative Cell Salvage: This process recovers the blood lost in a surgery and prepares it to be returned to the patient. This is achieved by using a cell saver machine, which collects the blood lost by a patient and spins it to capture just the Red Blood Cells (RBCs). It then washes and filters the patient's own RBCs for return to their circulatory system.

Platelet Rich Plasma (PRP) / Autologous Platelet Gel (APG): PRP and APG are byproducts of blood (plasma) that is rich in platelets. PRP/APG allows the body to heal faster and more efficiently by taking advantage of the normal healing pathways at a greatly accelerated rate.

Fibrin Glue: Fibrin Glue is a pasty substance made from the patient's own blood and applied directly to a wound to stop bleeding that cannot be controlled by other means. Fibrin glue is very useful in several areas of surgical treatment, such as in areas where sutures cannot stop the bleeding.

CORPORATE MANAGEMENT

Gene Cattarina	President and Chief Executive Officer
Mark D'Addato, CPA, MBA	Chief Financial Officer/VP Operations
Thomas Conley, MD	Chief Medical Officer
Richard O'Brien, MD, FRCP (C), MBA	Vice President and Medical Director
Rob Snow	Senior Vice President - Marketing
Janine Gregory	Corporate Counsel
Chris Brown	Vice President - Sales

BOARD OF DIRECTORS

Gene Cattarina	Roger Conley
Joseph Clark Executive Vice President/COO Surgical Care Affiliates	Thomas Conley, MD Founder
	Lewis H. Ferguson Partner Gibson, Dunn & Crutcher LLP

For more information, contact:

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