2018 ASNM Annual Meeting

Walt Disney World
Swan & Dolphin Resort
Lake Buena Vista, Florida

Optimizing IONM by Cross-collaboration

February 23 - 25, 2018

Meeting Objectives

Attendees should come away with:

1. A clearer understanding of the methodologies and practice of IONM from the neurophysiologist, technologist, anesthesiologist and surgeon perspective.
2. A stronger understanding of how IONM data can be used to advance the field of IONM.
3. Information about the current research and evidence for IONM.
4. How Cross-collaboration can strengthen IONM effectiveness.

Target Audience

Beginner to advanced IONM practitioners, which includes technologists, neurophysiologists, physicians, anesthesiologists, surgeons and individuals involved in the business aspect of intraoperative neuromonitoring.

Planning Committee

Faisal R. Jahangiri, MD, CNIM, DABNM, FASNM
Lawrence Wierzbowski, AuD, DABNM, FASNM
Carol Ingmanson, MBA - Executive Director, ASNM

2018 Fall Symposium

September 15 -16
DoubleTree by Hilton Nashville Downtown - Nashville, Tennessee

Continuing Education

ASNM Continuing Education Credit

ASNM is an ABRET approved provider of continuing education for their IONM related credentials. ABRET is the credentialing board for Electroencephalographic (EEG) Technologists, Evoked Potential (EP) Technologists, and Neurophysiologic Intraoperative Monitoring (CNIM) Technologists, Long Term Monitoring (CLTM) Technologists, and Autonomic Testing Professionals (CAP). Such crediting, however, should not be construed by program participants as endorsement of any type of instruments or supplies mentioned or involved in these presentations. Please be advised that for continuing education hours to apply towards the EEG test, they must be ASET CEUs; however, ASNM CEUs are eligible for the recertification of the EEG credential as well as towards CNIM and EP credentials and recertification.

Continuing Medical Education Credit (CME)

The American Society of Neurophysiological Monitoring (ASNM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ASNM designates this live activity for a maximum of 19.5 *AMA PRA Category 1™ Credits*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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The American Society of Neurophysiological Monitoring is approved by the American Academy of Audiology to offer Academy CEUs for this activity. The program is approved for a maximum 1.8 CEUs. Academy approval of this continuing education activity is based on course content only and does not imply endorsement of course content, specific products, or clinical procedure, or adherence of the event to the Academy's Code of Ethics. Any views that are presented are those of the presenter/ CE Provider and not necessarily of the American Academy of Audiology.

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Thursday, February 22nd

8:00 AM - 5:00 PM
ASNM Board of Directors Meeting
Swan 7-9

6:00 PM - 8:00 PM
Registration Open
Swan Lobby

6:00 PM - 8:00 PM
ABNM Board Prep (additional charge)
Jeffrey Balzer, PhD, FASNM, DABNM
Macaw I

6:00 PM - 8:30 PM
CNIM Board Prep (additional charge)
James Watt, Jr., CNIM, R.EPT
Macaw II

Friday, February 23rd

6:45 AM - 7:30 AM
Breakfast with Exhibitors
Swan 5 & 6

Track I
Swan 7-10

Peripheral Nerve Monitoring
Moderators: Matthew Eccher, MD, MS
Zahid Abro, MD, CNIM

7:30 AM Anesthesia: Christoph Seubert, MD, PhD, DABNM
7:45 AM Surgeon: Lynda Jun-San Yang, MD, PhD
8:15 AM Technique: Leo Happel, PhD
8:45 AM E-poster: Kathryn Overzet, MS, CNIM
8:50 AM Panel Discussion

Track II
Mockingbird

Principals of IONM for Carotid Endarterectomies for the Beginners & Experts
Moderator: Clare Gale, CNIM, R.EEG/EPT, FASNM, FASET

7:30 AM Anesthesia: Laura Hemmer, MD
7:45 AM Technique: Jeffrey Balzer, PhD, DABNM, FASNM
8:45 AM Panel Discussion

9:15 AM - 10:00 AM
Break with Exhibitors
Swan 5 & 6

Endovascular Surgeries
Moderator: W. Bryan Wilent, PhD, DABNM

10:00 AM Anesthesia: Antoun Koht, MD
10:15 AM Technique: Joshua Mergos, MS, CNIM
10:45 AM Surgeon: Aaron S. Dumont, MD
11:15 AM E-poster: Tom Epplin-Zapf, MS, MA, CNIM
11:20 AM Panel Discussion

CPA Tumor
Moderator: Jeffrey R. Balzer, PhD, DABNM, FASNM

10:00 AM Anesthesia: Laura Hemmer, MD
10:15 AM Cranial Nerves IONM: Laura Hemmer, MD
10:45 AM Technique:Lawrence Wierzbowski,AuD DABNM FASNM
11:15 AM E-poster: M. Ángeles Sánchez-Roldán, MD
Lawrence Wierzbowski, AuD, DABNM, FASNM
11:20 AM Panel Discussion

11:45 AM - 1:45 PM
Lunch on your own

Cervical Spine Surgeries
Moderator: Lawrence Wierzbowski, AuD, DABNM, FASNM

1:45 PM Anesthesia: Christoph Seubert, MD, PhD, DABNM
2:00 PM Technique: Marat Avshalumov, PhD, DABNM, CNIM
2:30 PM Surgeon: Daniel Hoh, MD
3:00 PM E-poster: Maria Zuccaro, PhD, CNIM
3:05 PM Panel Discussion

Pediatric Neurosurgical Procedures
Moderator: Faisal R. Jahangiri, MD, CNIM, DABNM, FASNM

1:45 PM Anesthesia: Veronica Busso, MD
2:00 PM Technique: Anthony Sestokas, PhD, DABNM, FASNM
2:30 PM Surgeon: George Jallo, MD
3:00 PM E-poster: Yinchen Song, PhD
3:05 PM: E-poster: Shuiping Dai, PhD, CNIM
3:10 PM: Panel Discussion

Friday, February 23rd

3:30 PM - 4:00 PM
Break with Exhibitors
Swan 5 & 6

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Cortical Mapping
Moderator: Christopher Pace, PhD, CNIM

4:00 PM Anesthesia: Nasser Tawfeeq, MD, FRCPC
4:15 PM Neurologist: Matthew Eccher, MD, MS
4:40 PM Technique: Faisal Riaz Jahangiri, MD, CNIM, DABNM, FASNM
5:05 PM E-poster: James Zuccaro, DC, DABNM, CNIM
5:10 PM Panel Discussion

Deep Brain Stimulation
Moderator: Marat Avshalumov, PhD, DABNM, CNIM

4:00 PM Anesthesia: Antoun Koht, MD
4:15 PM Neurologist: Claire Henchcliffe, MD, DPhil
4:40 PM Technique: Jay Shils, PhD
5:05 PM Panel Discussion

5:30 PM - 7:00 PM
Networking Reception with Exhibitors
Swan 5 & 6

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Saturday, February 24th

6:45 AM - 7:30 AM
Breakfast with Experts
Macaw 1 & 2

Neuromonitoring for Intracranial Aneurysms
Jeffrey Balzer, PhD, DABNM, FASNM

Alternative Electrode Placement: Optimization of IONM Data
Clare Gale, CNIM, R.EEG/EPT, FASNM, FASET

Neuromonitoring for Awake Surgeries
Jeff Gertsch, MD

Real-Time Monitoring for IONM
George R. "Trey" Lee, III, MD

Neuromonitoring for Interventional Procedures
Joshua Mergos, MS, CNIM

Technical Issues during Neuromonitoring
Brett Netherton, MS, CNIM, FASNM, FASET

Pediatric Spine Surgeries
Moderator: Gene Balzer, PhD
Swan 7-10

7:30 AM Neurologist: Gloria Galloway, MD, MBA, FACNS
7:45 AM Technique: James Watt, Jr., CNIM, R.EPT
8:15 AM Surgeon: Jahangir Asghar, MD
8:45 AM E-poster: Chen-Ya Yang
8:50 AM: E-poster: Maria Zuccaro, PhD, CNIM
8:55 AM Panel Discussion

Saturday, February 24th

9:15 AM - 10:00 AM
Break with Exhibitors
Swan 5 & 6

All subsequent presentations will take place in Swan 7 - 10

IONM - A Multidisciplinary Cross Collaboration Approach

Moderator: Joseph Moreira, MD
10:00 AM - Aatif M. Husain, MD

Presidential Speaker Session

Moderator: Joseph Moreira, MD

10:45 AM Presidential Speaker: Larry Badler, MBA, LSS-BB
11:15 AM Panel Discussion

Larry Badler, MBA, LSS-BB	Aatif Husain, MD	Faisal Riaz Jahangiri, MD, CNIM, DABNM, FASNM
Joseph Moreira, MD	Brett Netherton, MS, CNIM, FASNM, FASET	Lawrence Wierzbowski, AuD, DABNM, FASNM

12:00 PM - 2:00 PM
Business Luncheon
Swan 1 - 4

Minimally Invasive Procedures

Moderator: James Watt, Jr., CNIM, R.EPT

2:00 PM Anesthesia: Adam Schiavi, MD, PhD
2:30 PM Technique: James Zuccaro, DC, DABNM
3:00 PM Panel Discussion:

4:00 PM - 4:30 PM
Break with Exhibitors
Swan 5 & 6

Neuromonitoring During Spinal Surgeries - Case Studies

Moderator: Jay Shils, PhD

4:30 PM Technique: Justin Silverstein, DHSc, CNIM
5:00 PM Case Reports: Faisal Riaz Jahangiri, MD, CNIM, DABNM, FASNM
Justin Silverstein, DHSc, CNIM
5:30 PM E-poster: Faisal Riaz Jahangiri, MD, CNIM, DABNM, FASNM
5:35 PM: E-poster: Kathryn Overzet, MS, CNIM
5:40 PM Panel Discussion

Sunday, February 25th

6:45 AM - 7:30 AM
Breakfast
Swan Lobby

Optimizing IONM
Moderator: Faisal Riaz Jahangiri, MD, CNIM, DABNM, FASNM

7:30 AM - 8:00 AM
The Future of IOM, How Do We Prepare Ourselves for the Coming Ten Years
Antoun Koht, MD

8:00 AM - 8:30 AM
TCD for Beginners: Role of TCD in the Operating Room
Alexander Razumovsky, PhD, FAHA

8:30 AM - 9:00 AM
Professional Neurophysiologic Oversight
Joseph Moreira, MD

9:00 AM - 9:30 AM
Panel Discussion
Faisal Riaz Jahangiri, MD, CNIM, DABNM, FASNM
Antoun Koht, MD
Joseph Moreira, MD
Alex Razumovsky, PhD, FAHA

9:30 AM - 10:00 AM
Break
Swan 5 & 6

10:00 AM - 10:30 AM
Practice Management for IONM Professionals
Denise Bates, R.EPT, CNIM, MBA/HCM, DHAc
Shashivadan Kerai, CNIM

10:30 AM - 11:00 AM
IONM Stimulation
Brett Netherton, MS, CNIM, FASNM, FASET

11:00 AM - 11:30 AM
Radiation Exposure During Surgical Procedures: Who is Safe?
Patty Warf, RN, MS, CNIM, LSSGB, FASNM, FASET

Sunday, February 25th

11:30 AM - 12:00 PM

Future and Planning for the IONM Research

Robert Holdefer, PhD

12:00 PM - 1:00 PM

Research Presentations

Moderator: Lawrence Wierzbowski, AuD, DABNM, FASNM

12:00 PM Lanjun Guo, MD, MSc, DABNM

12:05 PM James Zuccaro, DC, DABNM

12:10 PM Peguy Luma, DDS, CNIM, SFA

12:15 PM: Maria Zuccaro, PhD, CNIM

12:20 PM: James Zuccaro, DC, DABNM

12:20 PM: Maria Zuccaro, PhD, CNIM

1:00 PM - 1:30 PM

Award Presentations

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E-Posters

ABR Evaluation Under General Anesthesia For Young Children With Pervasive Developmental Disorders
Lawrence R Wierzbowski AuD DABNM FASNM

Advances in Neurophysiological Intraoperative Monitoring During Selective Dorsal Rhizotomy
Yinchen Song, PhD; Stephanie A. Ferri, CNIM; Erik J. Kobylarz, MD, PhD;
George P. Thomas Jr., MD, PhD; David F. Bauer, MD

Bladder Manometry and Multiple Modalities of Intraoperative Neurophysiological Monitoring in a Tethered Cord Release Surgery
Shuiping Dai PhD, CNIM

Changes in Neuromonitoring Data Resulting from Spinal Cord Perfusion
Maria Zuccaro, PhD, CNIM; James Zuccaro, DC, DABNM

Contraindications for TceMEPs
Maria Zuccaro, PhD, CNIM; James Zuccaro, DC, DABNM

Effects of Pre-surgical Muscle Grade on Baseline TceMEPs
James Zuccaro DC, DABNM; Maria Zuccaro PhD, CNIM

Incidence Of IONM Data Changes Due To Positioning In 4577 Surgeries
Kathryn Overzet, MS, CNIM; Faisal R. Jahangiri, MD, CNIM, DABNM, F.ASNM

IONM During Hip Arthroscopic Repair Surgeries
Kathryn Overzet, MS, CNIM; Mark Kazewych, MD; Faisal R. Jahangiri, MD, CNIM, D.ABNM, F.ASNM

Motor Evoked Potential Recordings from Urethral Electrodes
Faisal R. JahangirI, MD, CNIM, D.ABNM, FASNM; Justin W. Silverstein, DHSC, CNIM; Zachariah M. George, MD; Sami Al Eissa, MD

Multimodality Monitoring: Prognostic Value of Neuromonitoring Alerts
Maria Zuccaro, PhD, CNIM; James Zuccaro, DC, DABNM

Perioperative Cerebrovascular Accidents: Frequent Multimodal Monitoring for Early Detection and Interpretation
Tom J. Epplin-Zapf, MS, MA, CNIM

Positioning Related SSEPs Changes
Peguy Luma, DDS, CNIM, SFA

Preoperative Motor Function Predicts Ability to Record Muscle Motor Evoked Potentials
Lanjun Guo; Yan Li; Ruquan Han; Adrain Gelb

Resection of Motor Strip Tumor with Neuromonitoring Mapping and Changes
James Zuccaro DC, DABNM; Maria Zuccaro PhD, CNIM

Somatosensory Evoked Potential Sensitivity
James Zuccaro, DC, DABNM; Maria Zuccaro, PhD, CNIM

E-Posters

Subcortical Stimulation Combining with Multiple Intraoperative Neurophysiological Modalities to Identify the Internal Capsule during Craniotomy of Tumor Resection (a case report)
Shuiping Dai PhD, CNIM

The Laryngeal Adductor Reflex Is A New Methodology For Monitoring Thyroid Surgeries That May Predict Long Term Outcome Of Vocal Fold Function
M. Ángeles Sánchez-Roldán, MD; Maria J. Téllez, MD; Catherine F. Sinclair, MD; Sedat Ulkatan, MD

Transcranial Electric Motor Evoked Potential Alert Criteria
Maria Zuccaro, PhD, CNIM; James Zuccaro, DC, DABNM

Using a Subdural Strip to Define Functional Sensory Nerves and the Most Inferior Functional Portion of the Conus Medullaris During Detethering Surgeries for Tethered Cord Syndrome
Chen-Ya Yang; Tsui-Fen Yang; Muh-Lii Liang; Hsin-Hung Chen[2]; Jan-Wei Chiu

In April 2017, Trusted Neurodiagnostics Academy partnered with the Larry Head Institute.

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NuVasive Clinical Services (NCS) and SafePassage have combined to become the nation's leading provider of intraoperative neuromonitoring (IOM) services to surgeons and healthcare facilities, through the combination of Impulse Monitoring and Biotronic NeuroNetwork, along with the recent acquisition of SafePassage. With its industry-leading service offering, our services division is committed to providing hospitals, surgeons, and patients a best-in-class IOM experience. We combine industry-leading technology, service, and quality to serve over 100,000 cases annually with more than 550 neurophysiologists and 30 physicians on staff. Following our integration, we look forward to growing our status as the largest IOM provider, but also as the most highly coveted employer in the industry.

Rhythmlink International, LLC (www.rhythmlink.com)

Rhythmlink International is a medical device manufacturing company specializing in devices that help connect patients to machines to record or elicit physiologic information. Rhythmlink designs, manufactures and distributes a variety of medical devices for intraoperative neuromonitoring, electroencephalography, evoked potentials, polysomnography, long-term monitoring epilepsy and critical care units. Founded by neurodiagnostic technicians and engineers in 2002, Rhythmlink enhances patient care worldwide by transforming medical device technology that links patients to equipment. Rhythmlink also offers custom packaging, custom products, private labeling and contract manufacturing services.

Signal Gear (www.signalgear.com)

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Apex IONM Solutions is committed to helping your intraoperative neuromonitoring company succeed. Years of experience in running a successful IONM company have given this brains trust the knowledge, skills and abilities to help support your IONM business. Apex offers turn-key solutions that can help enhance your time and profitability, including best-in-class, billing services; ABRET CEU-approved educational offerings; technology solutions; and administrative leadership such as credentialing, contracts, and more.

Cadwell (www.cadwell.com)

Established. Focused. Global. At Cadwell®, we are passionate about enabling quality, informed outcomes for your patient care. Our neurodiagnostic and neuromonitoring solutions are designed to deliver efficient work-flow, quality data, reliable performance and easy reporting wherever and whenever you need it. Our brands include Arc EEG, LTM and ICU cEEG; Sierra® EMG and EP with integrated ultrasound; Cascade® IONM; Easy® PSG and CadLink™ data management. Our global sales and support teams serve physicians and medical centers worldwide. We take pride in combining customer input with our employees' expertise and USA-made components to provide the best solutions in the industry.

Consolidated Neuro Supply (www.neurosupply.com)

Located in the heart of the technology district in Milford, OH, Consolidated Neuro Supply, Inc. is a leading provider of healthcare products used to monitor critical neurological structures during high-risk surgical procedures. With nearly $5 million in annual sales, product offerings include subdermal needle electrodes, pedicle screw and direct nerve stimulators, laryngeal electrodes, surface electrodes, and other IONM accessories. Our line includes our own brands as well as those from other industry leaders. The company has been in business since June 2003.

Ideal Health Careers, Inc. (www.idealhealthcareers.com)

Ideal Health Careers is a specialty recruitment firm focused exclusively on the field of Neurophysiology. Our mission is to assist both technologists and neurologists in fulfilling career objectives in IOM by providing a unique approach that is confidential, discreet, and individually tailored to meet your career needs. We have placed over 100 neurophysiology professionals since 2005 in meaningful positions, from entry-level technologists to experienced reading physicians. Whether you are a job candidate seeking a more meaningful career or an employer seeking top talent, please stop by our booth and see how we can help. You have nothing to lose and everything to gain.

Max Neuro Supply (www.maxneurosupplyinc.com)

Max Neuro Supply Inc. is a provider of health-care products used to diagnose neurological disorders, and monitor critical neurological structures during high-risk surgical procedures. The product line includes sub-dermal needles, surface electrodes, disposable bipolar, mono-polar, and concentric direct nerve probes.

Silver Sponsors

Medtronic (www.medtronic.com)

Medtronic is the world's largest medical technology company, offering an unprecedented breadth and depth of innovative therapies to alleviate pain, restore health, and extend life. Surgical Technologies business comprises our Ear, Nose, and Throat (ENT); Neurosurgery; & Advanced Energy organizations. Our products and procedural solutions encompass a broad variety of surgical applications, including neurosurgical spine, cranial, and orthopaedics; ENT; and surgical oncology – more than any other Medtronic business. Our core products include advanced surgical navigation and imaging solutions, powered surgical tools and systems, intraoperative nerve monitoring devices, advanced energy-based tools for hemostatic sealing & tissue dissection, and implantable hydrocephalus management products.

Medsurant Health. (www.medsurantmonitoring.com)

Medsurant Health promotes a team culture encompassing the highest standard of care through clinical excellence and patient centered assurance. Our clinical personnel are the driving force and foundation of the organization. We continually strive to support our staff with career building opportunities such as: CNIM board prep, training academy, continuing education, society memberships, access to research committee and journal reviews with industry experts. Leadership development, team building activities, employee recognition, education and career growth support are all part of the innovative Medsurant culture. Employment and career growth opportunities are extensive and available throughout the country. We are looking for motivated individuals who are eager to learn and grow in the fast paced, ever changing environment of intraoperative neuromonitoring and neurodiagnostic care.

Rochester Electro-Medical, Inc. (www.rochestermed.com)

For over 50 years, Rochester has been your source for affordable, high quality Neurodiagnostic Products, and Customer Service with a personal touch. Featured products include customizable lines of Single, Paired, and Ribbon Horizon™ Subdermal Needle Electrodes that combine excellent performance and value. Contact Rochester for information on their full range of Disposable Products, Probes, Electrodes, Needles, Sensors and Accessories.

US Monitoring, Inc (USMON) (www.usmon.com)

USMON (U.S. Monitoring, Inc.) is the ultimate HIPAA compliant, ONC Certified EHR, work-flow solution for companies who need to manage medical data. USMON features a simple, user-customizable interface, along with a comprehensive, high performing, robust work-flow system that dynamically links users with the resources and applications necessary to do their jobs. With our consistent, automated processes and integrated insurance billing software, USMON provides all the services you need at an affordable price, saving you time and money.

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Ad-Tech Medical Instrument Corporation (www.adtechmedical.com)

Since 1983, Ad-Tech Medical has provided the finest devices for the surgical treatment of epilepsy as well as devices for neurosurgery. Ad-Tech's epilepsy monitoring products have become known as the "gold standard". Today, Ad-Tech's devices are registered and approved for use in over 60 countries. As Ad-Tech Medical enters its 32nd year serving the neurological/neurosurgical market, it continues its commitment to develop the next level of technology for neuro-monitoring devices.

Encompass Healthcare Billing (http://encompasshb.com)

Encompass Healthcare Billing offers full service medical billing for your practice, specializing in Intraoperative Monitoring (IOM) billing and collections. With over 30 years experience in medical billing, our staff excels in our goal to maximize reimbursements for all healthcare practices for both in and out of network billing. We have developed a proprietary system to link our clients to our billing professionals. This allows for quicker and more efficient processing and collections. We look forward to working with you.

Labouré College (www.laboure.edu)

Labouré College in Massachusetts has been educating Neurodiagnostic Technologists (NDT) for over 42 years, locally and online across the country. Labouré's NDT program is fully accredited and now offers an IONM Program. We need your help to urge facilities to collaborate with us for our IONM clinical rotations! Please visit us at our booth for more details on how you can impact quality IONM training.

Natus Neuro (www.natus.com)

Natus Neuro provides leading solutions for the neurodiagnostic, neurosurgery, and neurocritical care markets. Neurodiagnostic solutions enhance the diagnosis and monitoring of various neurological conditions such as epilepsy, sleep disorders, and neuromuscular diseases. Neurosurgery and neurocritical care solutions limit uncertainty with advanced fluid drainage, shunts and intracranial pressure monitoring systems.

NeuroGen Network, LLC (www.myneurogen.com)

NeuroGen Network is located in Dallas, TX and led by 2 passionate founders. The NGN mission is to take the neuromonitoring industry to the next level with quality software that combines an unmatched user experience and advanced back-end processing. We offer users of all technical skill level a window into their data through our reporting and analytics software that can change everyday business decisions into data-founded executive strategies. Whether your company is interested in research or analyzing billing trends, we have reporting for your every need. Secure hosting in the cloud with HIPAA compliant services and a dedication to great customer service makes NeuroGen Network a clear choice.

Event Sponsors

Spes Medica (www.spesmedica.com)

Spes Medica is pleased to announce its official launch into the United States. Spes Medica specializes in the production of electromedical devices. We offer our customers innovative solutions to be used in Neurodiagnostics, Intraoperative Monitoring, Cardiology and Physiotherapy fields. We have offices in 13 cities around the world. Thanks to our 18 years of experience and our collaboration with research organizations/ hospitals, we were able to develop and consolidate our know-how. Our goal is building high quality products to improve the quality of diagnostic tests and therapies.

Trusted Neurodiagnostics Academy
(http://trustedacademy.com and http://www.trustedneuro.com)

Trusted Neurodiagnostics Academy is dedicated to bringing the technologist in the electroneurodiagnostic field to the highest level. We offer online courses that meet ABRET's education requirements and the essentials that a technologist will need to sit for the board. Experienced technologists can choose any of our ASET approved courses for their CEU needs as well. The courses are completed on the technologist's time without the cost of travel or loss of case coverage for their training. Reports are available for supervisors to check the status of their employees progress during their membership.

Not-for-Profit Associations

ABRET (www.abret.org)

ABRET Neurodiagnostic Credentialing & Accreditation offers five credentials (R. EEG T.®, R. EP T.®, CNIM®, CLTM®, CAP®) the CMEG certificate program, and three laboratory accreditation programs (LAB-EEG, LAB-NIOM, and LAB-LTM.) Learn more about credentialing, laboratory accreditation, view resources and receive assistance in recruiting neurodiagnostic technologists.

ASET (www.aset.org)

The American Society of Electroneurodiagnostic Technologists is the largest national professional association for individuals involved in the study and recording of electrical activity in the brain and nervous system. Organized in 1959, ASET's mission is to provide leadership, advocacy and professional excellence for our members, creating greater awareness of the profession and establishing standards and best practices to ensure quality patient care.

ASNM CREDIT WEBINARS

All Webinars are approved for (1) hour of of ASNM-CEUs and *AMA PRA Category 1 Credit™*

Intra-operative Neuromonitoring for Neuromodulation Procedures

Wednesday, March 14, 2018 • 7:00 PM Eastern

Steven M. Falowski, MD, FAANS
Director, Functional Neurosurgery, St. Lukes University Health Network

The use of IONM for neuromodulation is not only used as a modality for safety, but is also used as a confirmation of lead placement with spinal cord stimulators. It is this factor that is most important given the need to have a marker of proper lead position in an asleep patient. Newer protocols have also determined methods of lead placement with DRG stimulators. Newer research has examined the spinal and cortical responses of various programming waveforms, and has given an ability to have human spinal recording data.

Spinal Cord Stimulator Placement for Treatment of Neuropathic Pain

Date: TBA

Jay Shils, PhD, DABNM, FASNM, FACNS
Director, IONM and Associate Professor, Anesthesiology, Rush University Medical Center

Essentials of Intraoperative Auditory Brainstem Response Monitoring

Wednesday, August 22, 2018 • 7:00 PM Eastern

Lawrence Wierzbowski AuD, DABNM, FASNM
President & Owner, Avatrode, LLC
IONM Consulting and Education

Transcranial Electric Stimulation Motor Evoked Potential Monitoring Update

Date: TBA

David B. McDonald, MD, FRCP(C), ABCN
Section of Neurophysiology, Department of Neurosciences
King Faisal Specialist Hospital & Research Center
Riyadh, Saudi Arabia

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S81025-A-24RM - Single, 2.5 m, 24/Box

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360300 - 3mm Ball Tip Probes, 10/Box
400800 - 2.3mm Ball Tip Probes, 10/Box

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S82025-PT3-20RM - Twisted, 2.5 m, 20 Pairs/Box

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