
Page 1: ASNM BOARD ELECTION CANDIDATE FORM

Q1 Name

Faisal R. Jahangiri, MD

Q2 Credential(s)

MD, CNIM, D.ABNM, FASNM

Q3 Current Position and Organization

1. Vice President of Clinical Affairs,
Axis Neuromonitoring LLC, Dallas, TX.
 2. Board Member-at-Large, ASNM.
 3. Chair, ASNM Membership Committee.
 4. Adjunct Professor, Labouré College, Milton, MA.
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Q4 Education

2018: AANS 2018 Annual Scientific Meeting, New Orleans, LA. 2nd International Brain Mapping Course
2015: "EBM Statistics from Basic to Meta-Analysis" Workshop National & Gulf Center for Evidence Based Health Practice, Riyadh, Saudi Arabia
2014: Scientific Workshop: Functional Neurosurgery, Pain Treatment, Neurodiagnostics, IONM. Inomed, Istanbul, Turkey
2013: Fellow, American Society of Neurophysiological Monitoring (FASNM)
2013: "Qualitative Research: Design and Analysis" Workshop, Riyadh, Saudi Arabia
2012: Certification of International Conference on Harmonization's Good Clinical Practice for Conducting Research
2009: Public Health Administration courses
2003: Diplomate, American Board of Neurophysiological Monitoring (D.ABNM)
2000: Certification in Intraoperative Neurophysiological Monitoring (CNIM)
1996-98: Case Western Reserve University (Graduate Studies in Biomedical Engineering)
1991: Khyber Medical College-KMC, MBBS (MD), Peshawar, Pakistan

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Q5 PROFILE QUESTIONS:How do you feel you can contribute to the leadership of ASNM? What strengths/passions/talents do you hold that would benefit ASNM?

I am in the medical field for more than 27 years now. I believe that my background in surgery, biomedical engineering, education and research has helped me succeed in the field of neuromonitoring. I am a quick learner, a flexible and good listener, and someone who has empathy for others. I have the strength to reach out to all types of people and to bring them together. After performing and supervising thousands of cases over the past two decades, I still consider myself a student of IONM and believe there is much more out there to learn. During my career in IONM, I have worked as a technologist, neurophysiologist, supervisor, trainer /educator, director, and as a reading physician as well. I have personally convinced dozens of people to join the IONM field and have trained more than 300 technologists/neurophysiologists in the USA and internationally. I was elected as a board-member-at-large in 2015 and joined the ASNM board in 2016 for a four-year term. I have a strong passion for the IONM field and my talents and strengths mentioned above make me a stronger and versatile candidate for a leadership position in ASNM.

I have been an active member of ASNM since 2002. I volunteered initially for few committees (membership, education, research, guidelines, monitor, applied philanthropic, etc.) to learn about ASNM and to contribute to the society. In 2013, I was elected as a chairman for the Membership Committee. As a chair for the Membership Committee, my responsibilities included increasing/retaining members, various award nominations, restructuring the committee and creating a fellowship subcommittee, etc. With the help of members, we created rubrics to standardize fellowship and board nominations. I am also a very active volunteer in other ASNM committees including education, research, guideline committees. I have a great passion for education and research and have presented continuously over the past decade at ASNM meetings. I am always willing to help in any capacity and have the ability to lead others to accomplish their goals. I was also conference chair for the 2018 ASNM Annual Meeting and with my co-chair created a new program with multidisciplinary focus sessions including case presentations and panel discussions.

I believe my previous experience in successful leadership roles makes me a strong candidate. My background education, training, teaching, and research is my strength, and my passion for IONM can help me to contribute to ASNM.

Q6 With changes in health care service delivery and reimbursement, how do you feel you can contribute to keep ASNM moving forward in the right direction?

Over the past few years, the healthcare service delivery and reimbursement has undergone a significant change. We, as a society and as professionals have to fight for a fair share of reimbursement. At the same time, we have to make sure we keep the quality of our services higher and give our best for patient safety. I feel that we can move ASNM and our field forward by:

- 1) Publishing IONM-related outcome studies to show the benefits of IONM to everyone.
- 2) Increasing our membership.
- 3) Joining forces with other related organizations.
- 4) Educating the insurance companies about the benefits of IONM.
- 5) Increasing advocacy efforts to lobby for ASNM and IONM related issues.

I am actively involved with some of the IONM courses provided by various institutes. I am actively involved with other IONM, spine, neurosurgery and neurological organizations. If we work together, publish data and increase our membership, we can move in the right direction. ASNM needs leadership which has passion and energy to reach out to other groups and to brings them together.

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Q7 ASNM constantly seeks ideas of how to better serve our membership through education, resources, representation to other professional entities, connections and networking or other means of advancement. What do you think ASNM could offer its members that would provide value?

Over the past many years, first, as a member and later as the chair of the membership committee, I have been continuously in touch with ASNM members. I have tried to get their direct inputs and answer their concerns. The two most important things that ASNM members like to see are education and communication. I have a strong passion for education, research, and better communication. I have published a reference guide of IONM and a flash-card questions/answers set for IONM as an educational resource for the people in the field. ASNM is offering a series of webinars free to its members every year, and it's a huge successful step for ASNM for increasing membership. I have designed and conducted many IONM workshops for technologists, neurophysiologists, orthopedic surgeons and neurosurgeons in the United States and internationally. ASNM is offering webinars only currently. I envision it to offer journal and hands-on workshops to its members and also to educate surgeons, neurologists, and anesthesiologists, etc. This will provide unmatched value.

Q8 Personal Statement: Please provide any additional information to the members.

With my training in surgery and radiology and graduate studies in the field of Biomedical Engineering, my primary focus always remained patient care. I received my CNIM in 2000 and in 2003 I became board certified/Diplomate in Neurophysiologic Monitoring (D.ABNM). In 2013, I was awarded a fellowship (FASNM) by ASNM. In 2013, membership committee nominated and elected me as chairman of the ASNM membership committee. I have been invited as a guest speaker at various national and international conferences and have chaired multiple IONM workshops.

In my career, I have worked as an IONM technologist, neurophysiologist and have provided physician oversight and for a wide range of neurosurgical, spine, ENT and interventional cases ranging from language mapping and brain mapping to brain tumors, spinal cord monitoring, scoliosis, thyroid tumors, spinal embolization, and tethered cord releases. It has given me an insight knowledge about everyone's perspective in our field.

I have a vision for the future of ASNM that can be achieved by leading everyone as a team, providing better education and research opportunities, and by improving communication and inter-society collaboration. If you elect me as your President, I will be honored to serve you and ASNM and offer my firm commitment to the society by utilizing my expertise in education, research and leadership.

Q9 Professional Affiliations

2002-Present: American Society of Neurophysiological Monitoring-ASNM
2008-Present: Southern Society of Electroneurodiagnostic Technologists-SSET
2009-Present: Neurodiagnostic Society – ASET
2012-Present: International Society for Intraoperative Neurophysiology –ISIN
2015-Present: Assistant Editor – The Neurodiagnostic Society (ASET) Journal

Q10 Publications, Awards and Appointments

2018- Present: Vice President of Clinical Affairs
Axis Neuromonitoring LLC, Dallas, TX.

2017-Present: Member, ASNM Guidelines & Standard of Care Committee.

2018: Course director, IONM Hands-on Workshop for Spine Surgeons, 2nd Saudi Spine Society Annual Conference, (Riyadh, Saudi Arabia).

2016-Present: Adjunct Professor, Labouré College, Milton, Mam USA.

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2015-Present: Assistant Editor, The Neurodiagnostic Journal (Official Journal of ASET).

2013-Present: Chairperson, ASNM Membership Committee.

2013-Present: Reviewer: JCNP (Journal of Clinical Neurophysiology), USA.

2012-Present: Reviewer: ESJ (European Spine Journal), Switzerland.

2011-Present: President & CEO: Jahangiri Consulting LLC.

2011-Present: Reviewer: The Neurodiagnostic Journal (Official Journal of ASET).

2008-Present: Member, ASNM Membership committee.

2008-Present: Member, ASNM Education Committee.

2008-Present: Member, ASNM Research Committee.

Past Appointments:

2017: Senior Consultant (Attending) Clinical Neurophysiologist /Reading Physician, Dept. of Neurosurgery, Neuroscience Institute, Hamad Medical Corporation, Doha, Qatar.

2017: Course director, IONM Hands-on Workshop for Spine Surgeons, First Saudi Spine Society Annual Conference, (Riyadh, Saudi Arabia).

2011-17: Consultant (Attending) Clinical Neurophysiologist /Reading Neurologist, Division of Neurology, Dept. of Medicine, Ministry of National Guard Health Affairs, Riyadh, Saudi Arabia.

2017: Visiting Consultant Neurophysiologist (Invited by the Govt. of Pakistan).

2013-15: Board of Trustee, SSET

2011-13: Board of Trustee, SSET

2013-15: Website manager, SSET.

2015: Course director IONM, SSET & TxSET Annual meeting, Dallas, TX.

2015: Course director IONM, First, International IONM Workshop for Spine Surgeons (Rawalpindi, Pakistan).

2013: Course director IONM, SANS 9th Annual Meeting, Pre-Conference IONM Workshop – Horizons of Neurosurgery VII, (Dammam, Saudi Arabia).

2014: Course director IONM, Pre-Conference IONM Workshop – Spine Update 2014 Annual Meeting (Riyadh, Saudi Arabia).

2015: Visiting Consultant Neurophysiologist (Invited by the Govt. of Pakistan).

2008: Visiting Consultant Neurophysiologist (Invited by the Govt. of Pakistan).

2004-11: Senior Clinical Neurophysiologist and Research Coordinator, Inpatient Monitoring Unit, Chestnut Hill, MA

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2004-11: Senior Clinical Neurophysiologist and Research Coordinator, Impulse Monitoring Inc, Charlottesville, VA.

2002-04: Director, Pennsylvania & New Jersey LLCs, Sentient Medical Systems, Philadelphia, PA.

1999-02: Senior Neurophysiologist, Biotronic NeuroNetwork, Ann Arbor, MI.

1997-98: IT Consultant, WHO Collaboration Center, F.P.B. School of Nursing, Case Western Reserve University, Cleveland, OH.

1996-97: Course Instructor, Department of Anatomy, Schools of Dentistry & Medicine, Case Western Reserve University, Cleveland, OH.

1992: House Officer, Dept. of Surgery, Hayat Shaheed Teaching Hospital, University of Peshawar, Pakistan.

1991-92: House Officer, Dept. of Radiology, Hayat Shaheed Teaching Hospital, University of Peshawar, Pakistan.

1989-90: Editor Medical Section, CENNA, Literary Society Magazine, Khyber Medical College, University of Peshawar, Pakistan.

Awards:

1. Feb 2018: 2nd Place Scientific Achievement Award Orlando, FL, USA Lead Author - Research Poster, ASNM Annual Meeting "Motor Evoked Potentials (MEP) Recordings from Urethral Electrodes"

2. April 2017: 3rd Prize, Riyadh, Saudi Arabia

Oral Presentation, the Health Profession Conference 2017 "Benefit of Intraoperative Neurophysiological Monitoring (IONM) in a Pediatric Patient with Spinal Dysmorphism, Split Cord and Scoliosis".

3. Mar 2016: PPQP, Islamabad, Pakistan

Invited by Government of Pakistan to introduce the field of Intra Operative Neurophysiological Monitoring (IONM) in various cities in Pakistan. Invited Under: Presidents Programme for the Care Of Highly Qualified Overseas Pakistanis (PPQP), Ministry of Federal Education and Professional Training, Islamabad, Pakistan.

4. Mar 2016: Chairman (Shield of Honor), Rawalpindi, Pakistan

Second, International Hands-on IONM Workshop for Spine Surgeons.

5. May 2015: Scientific Achievement Award, Chicago, IL, USA

Lead Author - Research Poster, ASNM Annual Meeting, "Utilizing Longer Intramuscular Needle Pair Electrodes: What are we really missing?"

6. Mar 2015: IONM Co-Course Director (Shield of Honor), Rawalpindi, Pakistan

First, International IONM Workshop for Spine Surgeons.

7. May 2013: FASNM, ASNM, Chicago, IL, USA

Fellowship, American Society of Neurophysiological Monitoring

8. Dec 2012: First Prize: NGHA, Riyadh, Saudi Arabia

Oral Presentation, 15th Annual Resident's Day, King Saud Bin Abdulaziz University for Health Sciences, "Establishment of Normal Visual Evoked Potentials (VEPs) Values in Adult Saudi Males".

9. Nov 2008: First Prize: Islamabad, Pakistan

Platform Presentation, 2nd National Neurology Day. SHIFA International Hospital & School of Medicine, "Intra Operative Neurophysiological Monitoring: Luxury or Necessity?"

10. Jun-Jul 2008: Islamabad, Pakistan

Invited by Government of Pakistan to introduce the field of Intra Operative Neurophysiological Monitoring (IONM) in various cities in Pakistan. Under the program: National Talent Pool "Visits of Expatriate Pakistani Consultants for Short Duration Assignments in Pakistan (VEPCON)".

11. Sep 2003: Achievement Award of Excellence, Cockeysville, MD, USA

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11. Sep 2005: Achievement Award of Excellence, Cockeysville, MD, USA

Sentient Medical Systems.

12. Sep 1990: Chief Organizer, Gold Medal, Peshawar, Pakistan

By Governor of NWFP: Fund Raising drive for "Peshawar Mental Health Association".

13. April 1988: Volunteer of the year Award, Peshawar, Pakistan

By Chief Minister of NWFP. Fatimid Foundation: Hemophilia / Thalassemia Blood Services.

Publications:

Books Published:

1. Surgical Neurophysiology: First Edition

"A Reference Guide to Intraoperative Neurophysiological Monitoring (IONM)"

Amazon Printing Press: November 2011; page count: 328, ISBN: 1466297131.

2. Surgical Neurophysiology: Second Edition

"A Reference Guide to Intraoperative Neurophysiological Monitoring (IONM)"

Amazon Printing Press: April 2012; page count: 410, ISBN147516498X.

Chapters Published:

The Cervical Spine,

Faisal R. Jahangiri;

Chapter 11: Neurophysiological Monitoring of the Cervical Spine

Drs. Francis H. Shen's, Dino Samartzis' and Richard G. Fessler,
First Edition, Elsevier Press, Philadelphia, PA, Nov 2014.

Flashcards Published:

Q & A Flashcard Study System for Intraoperative Monitoring

Set 1/ Stack 1

ASET, Kansas City, MO, USA. May 2016

250 questions and answers flashcards for IONM exam study.

Papers Published:

1. Waveform Window #39: Sudden Unexpected Change of Latency During Median Nerve Phase Reversal

Faisal R. Jahangiri, M.D., CNIM, D.ABNM, FASN1, Kathryn Overzet, MS, CNIM1, Thomas Crosier, CNIM1, Izabela Tarasiewicz M.D., F.R.C.S.(C)2

1Axis Neuromonitoring LLC, Richardson, TX, USA; 2Dept. of Neurosurgery, University of Texas Health Science Center, San Antonio, TX, USA.

(In PRINT) The Neurodiagnostic Journal. Sep 2018, Issue 58 (3), Pages ASET, Missouri, USA.

2 Benefit of Intraoperative Neurophysiological Monitoring (IONM) in a Pediatric Patient With Spinal Dysmorphism: Split Cord and

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2. Benefit of Intraoperative Neurophysiological Monitoring (IONM) in a Pediatric Patient with Spinal Dysmorphism, Spinal Cord and Scoliosis

Faisal R. Jahangiri^{1,2,3}, Samir Al Sayegh⁴, Moutasem Azzubi⁵, Abdulrahman M. Alrajhi⁶, Monerah M. Annaim⁷, Shmoukh A. Al Sharif⁷, Tanweer Aziz⁸, Sami Al Eissa⁴

¹Division of Neurology, Dept. of Medicine; ⁴Division of Orthopedics, Dept. of Surgery; ⁵Division of Neurosurgery, Dept. of Surgery; ⁶College of Medicine-Female, KSAU-HS; ⁷Department of Anesthesia, King AbdulAziz Medical City, Ministry of National Guard Health Affairs, Riyadh, Saudi Arabia; ⁷College of Medicine – King Saud University, Riyadh, Saudi Arabia; ⁸Dept. of Anesthesia; ²Dept. of Neurosurgery, Neuroscience Institute, Hamad Medical City, Doha, Qatar; ³Jahangiri Consulting LLC, Charlottesville, Virginia, USA.

The Neurodiagnostic Journal. Dec 2017, Issue 57 (4), Pages 295-307. ASET, Missouri, USA.

3. Vertebral Column Resection for Kyphoscoliosis in a Patient with Ehlers-Danlos Syndrome: An Intraoperative Neurophysiological Monitoring Alert.

Faisal R. Jahangiri¹, Sami Al Eissa², Samir Sayegh², Fahad Al Helal², Shomoukh A. Al-Sharif³, Monerah M. Annaim³, Sheryar Muhammad⁴, Tanweer Aziz⁴.

¹Division of Neurology, Department of Medicine, King Abdulaziz Medical City, Ministry of National Guard Health Affairs; ²Division of Orthopedics, Department of Surgery, King Abdulaziz Medical City, Ministry of National Guard Health Affairs; ²Division of Orthopedics, Department of Surgery, King Abdulaziz Medical City, Ministry of National Guard Health Affairs; ³College of Medicine - Female, KSAU-HS 5. Department of Anesthesia, King Abdul Aziz Medical City; ⁴Anesthesia, King Abdulaziz Medical City National Guard Health Affairs, Riyadh, Saudi Arabia.

Cureus 8(8): e759. DOI 10.7759/cureus.759. August 31, 2016.

4. “Computer Assisted Navigation During Anterior-Posterior En Bloc Resection of Sacral Tumor”

Sami Al Eissa¹, Amro F. Al-Habib², Faisal R Jahangiri³;

¹Division of Orthopedics, Department of Surgery; King Abdulaziz Medical City, Ministry of National Guard Health Affairs; ²Neurosurgery Division, Department of Surgery, College of Medicine, King Saud University, ³Division of Neurology, Department of Medicine, King Abdulaziz Medical City, Ministry of National Guard Health Affairs; Riyadh, Saudi Arabia.

Muacevic A, Adler JR, eds. Cureus. 2015;7(11):e373. doi:10.7759/cureus.373.

5. “Intraoperative Neurophysiological Monitoring (IONM) For Cordotomy Procedures”

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN^{1,2};

¹Division of Neurology, Department of Medicine; Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia; ²Jahangiri Consulting LLC, Charlottesville, VA, USA.

The Neurodiagnostic Journal. Sep 2015, Issue 55 (3), Pages 169-179. ASET, Missouri, USA.

6. “Early detection of pedicle screw related spinal cord injury by continuous intraoperative neurophysiological monitoring (IONM)”

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN¹; Muhammad Sheryar, MBBS²; Yaser Al Behairy, MD, FRCSC³

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1Division of Neurology, Department of Medicine; 2Department Anesthesia; 3Division of Orthopedics, Department of Surgery; King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia;

The Neurodiagnostic Journal. Dec 2014, Issue 54 (4), Pages 323-337. ASET, Missouri, USA.

7. "Fulminant Acute Disseminated Encephalomyelitis"

Hassan A. Alayafi¹; Faisal R. Jahangiri¹; Mukki Almontashri²

1Division of Neurology, Department of Medicine; 2Department of Neuroradiology; King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia;

Pak J Med Res. Vol. 53, No. 3, July-Sep. 2014.

8. "Neurophysiological Monitoring of the Spinal Sensory and Motor Pathways during Embolization of Spinal Arterio-Venous Malformation: Propofol a Safe Alternate"

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN¹; Muhammad Sheryar, MBBS²; Riyadh Al Okaili, MD³

1Division of Neurology, Department of Medicine; 2Department Anesthesia; 3Department of Radiology; King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia;

The Neurodiagnostic Journal. June 2014, Issue 54 (2), Pages 125-137. ASET, Missouri, USA.

9. "Anterior-Posterior Resection of Sacral Tumor with Computer Navigation System"

Jahangiri, AF¹; Jahangiri, FR²;

1Department of Experimental Medicine, King Abdullah International Medical Research Center; 2Division of Neurology, Department of Medicine, King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia;

Bioengineering Conference (NEBEC), 2014 40th Annual Northeast. 2014, 1-2. Accessed: Oct 20, 2015:
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6972822>. 10.1109/NEBEC.2014.6972822

10. "Intraoperative Neurophysiological Monitoring during Sacrectomy Procedures"

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN¹; Sami Al Eissa, MD²; Anila F Jahangiri, PhD³; Amro Al-Habib, MD, FRCSC, MPH⁴

1Division of Neurology, Department of Medicine; 2Division of Orthopedics, Department of Surgery; 3King Abdullah International Medical Research Center; King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia; 4Neurosurgery Division, Department of Surgery, College of Medicine, King Saud University, Riyadh, Saudi Arabia.

The Neurodiagnostic Journal. Dec 2013, Issue 53 (4), Pages 312-322. ASET, Missouri, USA.

11. "Multimodality Neurophysiological Monitoring during Tibial/Fibular Osteotomies for Preventing Peripheral Nerve Injuries"

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Faisal R. Jahangiri, MD, CNIM, D.ABNM1

1Division of Neurology, Dept. of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia;

The Neurodiagnostic Journal. June 2013, Issue 53 (2), Pages 153-168. ASET, Missouri, USA.

12. "Preventing lower cranial nerve injuries during fourth ventricle tumor resection by utilizing intraoperative neurophysiological monitoring"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1, 2; Mazhar Minhas, MD, CNIM1; John Jane Jr, MD3

1Division of Neurology, Dept. of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia; 2Impulse Monitoring Inc., Columbia, MD, USA; 3University of Virginia Medical Center, Dept. of Neurosurgery, Charlottesville, VA, USA.

The Neurodiagnostic Journal. Dec 2012, Issue 52 (4), Pages. ASET, Missouri, USA.

13. Intra Operative Neurophysiological Monitoring (IONM): "Lessons Learned from 32 Case Events in 2069 Spine Cases"

Matthew Eager, MD1; Adam Shimer, MD1; Faisal R. Jahangiri, MD, CNIM, D.ABNM2;
Francis Shen, MD1; Vincent Arlet, MD1, 3

1University of Virginia Medical Center, Department of Orthopedic Surgery, Charlottesville, VA; 2Impulse Monitoring Inc., Columbia, MD; 3University of Virginia Medical Center, Department of Neurosurgery, Charlottesville, VA, USA.

AJET (American Journal of Electroneurodiagnostic Technology); Dec 2011, Issue 51 (4), Pages 247-263.
ASET, Missouri, USA.

14. "Limiting the current density during Localization of the Primary Motor Cortex by using a Tangential-Radial Cortical SSEP Model, DECS and Electrocorticography"

Faisal R. Jahangiri, MD1; Jonathan H. Sherman, MD2; Jason Sheehan, MD2; Mark Shaffrey, MD2; Aaron Dumont, MD2; Michael Vengrow, MD3; Francisco Vega-Bermudez, MD3

1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA, 3American Neuromonitoring Associates, Columbia, MD, USA.

Neurosurgery; 69:893-898, October 2011

15. "Preventing Position-Related Brachial Plexus Injury with Intraoperative Somatosensory Evoked Potentials (SSEP) and Trans-Cranial Electrical Motor Evoked Potentials (TCeMEP) during Anterior Cervical Spine Surgery"

Faisal R. Jahangiri, MD1, Andrea Holmberg, CNIM1, Vincent Arlet, MD2, Francisco Vega-Bermudez, MD3.

1Impulse Monitoring Inc., Columbia, MD, 2Department of Orthopedic Surgery, University of Virginia Medical Center, Charlottesville, VA, USA.

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AJET (American Journal of Electroneurodiagnostic Technology); Sept. 2011, Issue 51 (3), Pages 198-205. ASET, Missouri

16. "Protecting the Genitofemoral Nerve during Direct Lateral Interbody Fusion (DLIF/XLIF) Procedures"

Faisal R. Jahangiri, MD1, Jonathan H. Sherman, MD2, Andrea Holmberg, CNIM1, Robert Louis, MD2, Jeff Elias, MD2, Francisco Vega-Bermudez, MD3.

1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA, USA. AJET (American Journal of Electroneurodiagnostic Technology); Dec 2010, Issue 50 (4), Pages 321-335. ASET, Missouri, USA.

17. "Intraoperative Neuromonitoring: Lessons learned from 32 case events in 2095 spine cases"

Eager M1, Jahangiri F2, Shimer A1, Shen F1, Arlet V1.

1University of Virginia Health System, Department of Orthopedic Surgery, Division of Spine Surgery, Charlottesville, Virginia; 2Impulse Monitoring Inc., Columbia, MD, USA.

Evid Based Spine Care J. 2010 Aug; 1(2):58-61.

18. Predicting surgical outcome by Somatosensory Evoked Potentials and Trans-Cranial Electric Motor Evoked Potentials in a Cervical-Medullary Junction Hemangioblastoma

Faisal Jahangiri, MD1, R. Webster Crowley, MD2; James Persyn, CNIM1; Neal F. Kassell, MD2; Francisco Vega-Bermudez, MD3
1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA,
3American Neuromonitoring Associates, Columbia, MD, USA;

AJET (American Journal of Electroneurodiagnostic Technology); June 2010, Issue 50, Pages 101-110. ASET, Missouri, USA.

19. Intraoperative microvascular doppler ultrasound monitoring in an ovine model of acute spinal cord injury

Qingze Wu1, Lisa Klopp, MD2, Alexander Y. Razumovsky, PhD1, Thoms G. Lowe, MD3, Lucas Wilson, MS3, Katrina Layman, MS4, Faisal R. Jahangiri, MD4, Jeffrey H. Owen, PhD4

1Sentient Medical Systems, Inc. (Maryland), Cockeysville, MD, USA; 2Colorado State University, Ft. Collins, CO, USA; 3Woodridge Spine Center, Denver CO, Wheat Ridge, CO, USA; 4Sentient Medical Systems, Cockeysville, MD, USA.

The Spine Journal, 10 September 2004 (Vol. 4, Issue 5, Pages S16-S17)

Abstracts Published:

1. Motor Evoked Potentials (MEP) Recordings from Urethral Sphincter Muscles (USMEP).

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASNM1,2; Justin W. Silverstein, DHSC, CNIM3; Zachariah M. George MD4; Sami Al Eissa, MD5

1Axis Neuromonitoring LLC, Richardson, TX; 2Division of Neurology, King Abdulaziz Medical City, Riyadh, Saudi Arabia;

3Neuroprotective Solutions, Long Island, NY; 4Neurological Surgery PC, Long Island, NY; 5Division of Orthopedics, Dept. of Surgery,

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King Abdulaziz Medical City, Riyadh, Saudi Arabia; Abstracts published in proceeding of ASET annual meeting 2018. New Orleans, LA, Aug 2018.

2. Incidence of IONM Data Changes Due to Positioning in 4577 Surgeries.

Kathryn Overzet CNIM1; Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1;

1Axis Neuromonitoring LLC, Richardson, TX. Abstracts published in proceeding of ASET annual meeting 2018. New Orleans, LA, Aug 2018.

3. IONM During Hip Arthroscopic Repair Surgeries.

Kathryn Overzet CNIM1; Mark Kazewych MD2; Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1;

1Axis Neuromonitoring LLC, Richardson, TX; 2Baylor Orthopedic and Spine Hospital, Arlington, TX. Abstracts published in proceeding of ASET annual meeting 2018. New Orleans, LA, Aug 2018.

4. Motor Evoked Potentials (MEP) Recordings from Urethral Electrodes.

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1,2; Justin W. Silverstein, DHSC, CNIM3; Zachariah M. George MD4; Sami Al Eissa, MD5

1Axis Neuromonitoring LLC, Richardson, TX; 2Division of Neurology, King Abdulaziz Medical City, Riyadh, Saudi Arabia; 3Neuroprotective Solutions, Long Island, NY; 4Neurological Surgery PC, Long Island, NY; 5Division of Orthopedics, Dept. of Surgery, King Abdulaziz Medical City, Riyadh, Saudi Arabia; Abstracts published in proceeding of ASNM annual meeting 2018. Orlando, FL, Feb 2018.

5. Incidence of IONM Data Changes Due to Positioning in 4577 Surgeries.

Kathryn Overzet CNIM1; Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1;

1Axis Neuromonitoring LLC, Richardson, TX. Abstracts published in proceeding of ASNM annual meeting 2018. Orlando, FL, Feb 2018.

6. IONM During Hip Arthroscopic Repair Surgeries.

Kathryn Overzet CNIM1; Mark Kazewych MD2; Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1;

1Axis Neuromonitoring LLC, Richardson, TX; 2Baylor Orthopedic and Spine Hospital, Arlington, TX. Abstracts published in proceeding of ASNM annual meeting 2018. Orlando, FL, Feb 2018.

7. Benefit of Intraoperative Neurophysiological Monitoring (IONM) in a Pediatric Patient With Spinal Dysmorphism, Split Cord and Scoliosis

Faisal R. Jahangiri,1, 2, Samir Al Sayegh3, Moutasem Azzubi4, Abdulrahman M. Alrajhi5, Monerah M. Annaim6, Shmoukh A. Al Sharif6, Tanweer Aziz7, Sami Al Eissa3

1Division of Neurology, Dept. of Medicine; 3Division of Orthopedics, Dept. of Surgery; 4Division of Neurosurgery, Dept. of Surgery; 6College of Medicine-Female, KSAU-HS; 7Department of Anesthesia, King AbdulAziz Medical City, Ministry of National Guard Health Affairs, Riyadh, Saudi Arabia; 5College of Medicine – King Saud University, Riyadh, Saudi Arabia; 2Jahangiri Consulting LLC, Charlottesville, Virginia, USA. Abstracts published in proceeding of ASET annual meeting 2017. Tuscon, AZ. Aug 2017.

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8. A Vertebral Column Resection (VCR) for Kyphoscoliosis: An Intraoperative Neurophysiological Monitoring (IONM) Alert

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1; Sami Al Eissa, MD2; Samir Al Sayegh, MD2; Fahad Al Helal, MD2; Shmoukh A. M. Al-Sharif3; Monerah M. Annaim3; Tanweer Aziz, MD4

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9. A Vertebral Column Resection (VCR) for Kyphoscoliosis: An Intraoperative Neurophysiological Monitoring (IONM) Alert

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1; Sami Al Eissa, MD2; Samir Al Sayegh, MD2; Fahad Al Helal, MD2; Shmoukh A. M. Al-Sharif3; Monerah M. Annaim3; Tanweer Aziz, MD4

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10. "Utilizing Longer Intramuscular Needle Pair Electrodes: What are we really missing in our Intraoperative Muscle Recordings?"

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1;

Division of Neurology, Department of Medicine; Department of Surgery King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia. Abstracts published in proceeding of ASET annual meeting 2015. Weston, FL. July-Aug 2015.

11. "Continuous Intraoperative Neurophysiological Monitoring (IONM) For Early Detection of Pedicle Screw related Spinal Cord Injury".

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Muhammad Sheryar, MBBS2; Yaser Al Behairy, MD, FRCSC4

1Division of Neurology, Department of Medicine; 2Department of Anesthesia; 3Division of Orthopedics, Department of Surgery King Fahad National Guard Hospital, King Abdulaziz Medical City, Riyadh, Saudi Arabia. Abstracts published in proceeding of ISIN (International Society of Neurophysiological Monitoring) annual meeting 2014. Istanbul, Turkey. Oct 2014. Page.

12. "Early Detection of Pedicle Screw related Spinal Cord Injury by Intraoperative Neurophysiological Monitoring (IONM)".

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Muhammad Sheryar, MBBS2; Yaser Al Behairy, MD, FRCSC4

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13. "Early Detection of Pedicle Screw related Spinal Cord Injury by Intraoperative Neurophysiological Monitoring (IONM)".

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Muhammad Sheryar, MBBS2; Yaser Al Behairy, MD, FRCSC4

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14. "Intraoperative Neurophysiological Monitoring during Sacrectomy Procedures"

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Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Sami Al Eissa, MD2; Anila F Jahangiri, PhD3; Amro Al-Habib, MD, FRCSC, MPH4

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15. "Anterior-Posterior Resection of Sacral Tumor with Computer Navigation System"

Anila F Jahangiri, PhD1, 2; Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN2, 3

1Department of Experimental Medicine, King Abdullah International Medical Research Center, Riyadh, Saudi Arabia; 2Jahangiri Consulting LLC, Charlottesville, VA, USA; 2Division of Neurology, Department of Medicine; King Fahad National Guard Hospital, Riyadh, Saudi Arabia; Abstracts published in proceeding of NEBEC 2014: 40th Annual Northeast Bioengineering Conference. Boston, MA. April 2014.

16. "Preventing Lower Cranial Nerve Injuries during Fourth Ventricle Tumor Resection by IONM"

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASN1; Mazhar Minhas, MD, CNIM2; John Jane Jr, MD3

1Division of Neurology, Dept. of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia; 2Impulse Monitoring Inc., Columbia, MD, USA; 3University of Virginia Medical Center, Dept. of Neurosurgery, Charlottesville, VA, USA. Abstract published in proceedings of 8th Saudi Association of Neurological Surgery (SANS) & National Neuroscience Institute (NNI-KFMC) Annual Meeting, Riyadh, Saudi Arabia. April 15-17, 2014, (F8) page 108.

17. "Intraoperative Neurophysiological Monitoring during Sacrectomy Procedures"

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Sami Al Eissa, MD2; Anila F Jahangiri, PhD3; Amro Al-Habib, MD, FRCSC, MPH4

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18 "Early Detection of Pedicle Screw related Spinal Cord Injury by Intraoperative Neurophysiological Monitoring (IONM)".

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Muhammad Sheryar, MBBS2; Anila F Jahangiri, PhD3; Yaser Al Behairy, MD, FRCSC4

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19. "Localization of Cortical Language Areas by Direct Cortical Motor Stimulation (DECS) and Electroencephalography (EEG)".

Faisal R Jahangiri, MD, CNIM, D.ABNM, FASN1; Anila F Jahangiri, PhD2; Ahmed Abulaban, MBBS1; Nasser Tawfeeq, MD3; Merdas H. Alotaibi, MD4

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1Division of Neurology, Department of Medicine; 2King Abdullah International Medical Research Center; 3Department of Anesthesiology; 4Division of Neurosurgery, Department of Surgery; King Abdulaziz Medical City, Riyadh, Saudi Arabia

Abstracts published in proceeding of 16th Resident's Day, Postgraduate Medical Education & Academic Affairs, King Abdulaziz Medical City; Riyadh, Saudi Arabia.

20. "Multimodality Neurophysiological Monitoring in Tibial/Fibular Osteotomies for preventing Peripheral Nerve Injuries".

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASNMM.

Division of Neurology, Department of Medicine; 2Department of Neurosurgery; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstracts published in proceeding of Department of Medicine: 14th Research Day, Riyadh, Saudi Arabia. May 22, 2013; page 26.

21. "Neurophysiologic Monitoring during Spine Surgeries: A luxury or Necessity?"

Faisal R. Jahangiri, MD, CNIM, D.ABNM, FASNMM.

Division of Neurology, Department of Medicine; 2Department of Neurosurgery; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstracts published in proceeding of Department of Medicine: 14th Research Day, Riyadh, Saudi Arabia. May 22, 2013; page 28.

22. "Intraoperative Neurophysiological Monitoring during High Risk Skull Base Surgeries"

Faisal R. Jahangiri, MD, CNIM, D.ABNM.

Division of Neurology, Department of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstracts published in proceedings of Annual American Society of Neurophysiological Monitoring (ASNM) meeting. Boston, MA USA. May 3-5, 2013.

23. "Preventing Cranial Nerve Injuries during High Risk Brain Surgeries"

Faisal R. Jahangiri, MD, CNIM, D.ABNM.

Division of Neurology, Department of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstract published in proceedings of 2nd Saudi International Conference on Intra Operative Neurophysiology, Tufts School of Medicine & King Fahad Medical City, Riyadh, Saudi Arabia. March 18, 2013, page 31.

24. "Neurophysiologic Monitoring during Spine Surgeries: A luxury or Necessity?"

Faisal R. Jahangiri, MD, CNIM, D.ABNM.

Division of Neurology, Department of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstract published in proceedings of 2nd Saudi International Conference on Intra Operative Neurophysiology, Tufts School of Medicine & King Fahad Medical City, Riyadh, Saudi Arabia. March 18, 2013, page 46.

25. "Establishment of Normal Visual Evoked Potentials (VEPs) Values in Adult Saudi Males"

Ahmed Abulaban, MBBS¹; Faisal R. Jahangiri, MD, CNIM, D.ABNM¹, Hussein Malibary².

¹Division of Neurology, Department of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia; ²Department of Medicine; King Abdulaziz University Hospital, Jeddah, Saudi Arabia. Abstracts published in proceeding of King Saud Bin Abdulaziz University for Health Sciences 15th Resident's Day, Riyadh, National Guard Health Affairs, Saudi Arabia. Dec 4th, 2012, page 36.

26. "Localization of Central Sulcus by Cortical Sensory Mapping, Direct Cortical Motor Stimulation and Electro-corticography"

Faisal R. Jahangiri, MD, CNIM, D.ABNM¹, Yasser A. Bahai, MD², Mudhed Ajmi¹, Mervan H. Alotaibi, MD²

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27. "Protecting the Visual Pathways during Optic Nerve Surgery Using Neurophysiological Monitoring"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1; Yaser A. Babgi, MD2; Abdullah Bishi2; Mudhed Ajmi2; Neville Russell, MD2.

1Division of Neurology, Department of Medicine; 2Department of Neurosurgery; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstracts published in proceeding of Department of Medicine: 13th Research Day, Riyadh, Saudi Arabia. May 23, 2012, page 32.

28. "Multimodality Neurophysiological Monitoring in Tibial/Fibular Osteotomies for preventing Peripheral Nerve Injuries"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1,2; Robert Wimberly, MD3.

1Division of Neurology, Department of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia; 2Impulse Monitoring Inc., Columbia, MD, USA; 3Children National Medical Center, Orthopedic Surgery, Washington DC, USA. Abstracts published in proceedings of Saudi Physical Therapy Conference. Riyadh, Saudi Arabia. May 15-16, 2012, page 34.

29. "Preventing lower cranial nerve injuries during fourth ventricle tumor resection by utilizing IOM"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1,2; Mazhar Minhas, MS, MD2; Brian Williams, MD3; John Jane Jr., MD3.

1Division of Neurology, Department of Medicine; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia; 2Impulse Monitoring Inc., Columbia, MD, USA; 3Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA, USA. Abstracts published in proceedings of Annual American Society of Neurophysiological Monitoring (ASNM) meeting. Salt Lake City, UT, USA. May 4-6, 2012.

30. "Protecting the Spinal Cord Sensory and Motor Functions during Cordotomy Procedures"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1,2, Gautam Mehta MD3, Jeff Elias, MD3, Barbara Landesman, MD, FRCP(C)4.

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31. "Localization of Central Sulcus by Cortical Sensory Mapping, Direct Cortical Motor Stimulation and Electroencephalography"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1, Yaser A. Babgi, MD2; Mudhed Ajmi1, Merdas H. AlOtaibi, MD2.

1Division of Neurology, Department of Medicine; 2Department of Neurosurgery; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstracts published in the abstract book of 6th (Saudi Association of Neurological Surgeons) SANS annual meeting 2012: Horizons of Neurosurgery V. Alkhobar, Saudi Arabia. Apr 3-5, 2012, page 71.

32. "Preventing the Visual Pathways during Optic Nerve Surgery Using Neurophysiological Monitoring"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1; Yaser A. Babgi, MD2; Abdullah Bishi2; Mudhed Ajmi2; Neville Russell, MD2.

1Division of Neurology, Department of Medicine; 2Department of Neurosurgery; King Abdulaziz Medical City, King Fahad National Guard Hospital, Riyadh, Saudi Arabia. Abstracts published in the abstract book of 6th (Saudi Association of Neurological Surgeons) SANS annual meeting 2012: Horizons of Neurosurgery V. Alkhobar, Saudi Arabia. Apr 3-5, 2012, page 72.

33. "Localization of the Primary Motor Cortex by using a Tangential-Radial Cortical SSEP Model, DECS, and Electroencephalography"

Faisal Jahangiri, MD, CNIM, D.ABNM1; R Webster Crowley, MD2; Jeff Elias, MD2;

1Impulse Monitoring Inc., Columbia, MD; 2University of Virginia Medical Center, Department of Neurosurgery, Charlottesville, VA, USA. Abstracts published in the abstract book of the meeting "ASET (Neurodiagnostic Society) 2011 Annual Conference", Co-sponsored by SSET (Southern Society of Electroneurodiagnostic Technologists), Atlanta, GA, USA July 27-30, 2011, page 11.

34. "Protecting the Spinal Cord Sensory and Motor Functions during Cordotomy Procedures"

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34. "Protecting the Spinal Cord Sensory and Motor Functions during Cordotomy Procedures"

Faisal Jahangiri, MD, CNIM, D.ABNM1; Gautam U. Mehta, MD2; Jeff Elias, MD2; Barbara Landesman, MD FRCP(C)3.
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35. "Intraoperative Neuromonitoring: Lessons learned from 32 case events in 2095 spine cases".

M Eager, MD1, A Shimer, MD1, F Jahangiri, MD, D.ABNM2, FH Shen, MD1, V Arlet, MD1.
1University of Virginia Medical Center, Department of Orthopaedic Surgery, Charlottesville, VA; 2Impulse Monitoring Inc., Columbia, MD; USA. Abstracts published in proceeding of 22nd ASNM annual meeting 2011. Orlando, FL.

36. "Protecting the Spinal Cord Sensory and Motor functions during Cordotomy Procedures".

Faisal R. Jahangiri, MD, CNIM, D.ABNM1, Gautam Mehta MD2, Jeff Elias, MD2, Barbara Landesman, MD, FRCP(C)3.
1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA,
3Pacific Neuromonitoring Associates, Columbia, MD, USA. Abstracts published in proceeding of 22nd ASNM annual meeting 2011. Orlando, FL.

37. "Limiting the current density during Localization of the Primary Motor Cortex by using a Tangential-Radial Cortical SSEP Model, DECS and Electroocortigraphy"

Faisal R. Jahangiri, MD1; Jonathan H. Sherman, MD2; Jason Sheehan, MD2; Mark Shaffrey, MD2; Aaron Dumont, MD2; Michael Vengrow, MD3; Francisco Vega-Bermudez, MD3.
1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA,
3American Neuromonitoring Associates, Columbia, MD, USA. Abstracts published in proceeding of 22nd ASNM annual meeting 2011. Orlando, FL, USA

38. "Monitoring in Underdeveloped countries".

Faisal R. Jahangiri, MD1; James Watt, CNIM2;
1Impulse Monitoring Inc., Columbia, MD, 2Biotronic NeuroNetwork . Abstracts published in proceeding of 22nd ASNM annual meeting 2011. Orlando, FL, USA

39. "Limiting the current density during Localization of the Primary Motor Cortex by using a Tangential-Radial Cortical SSEP Model, DECS and Electroocortigraphy".

Faisal R. Jahangiri, MD1; Jonathan H. Sherman, MD2; Jason Sheehan, MD2; Mark Shaffrey, MD2; Aaron Dumont, MD2; Michael Vengrow, MD3; Francisco Vega-Bermudez, MD3.
1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA,
3American Neuromonitoring Associates, Columbia, MD, USA. Abstracts published in proceeding of the meeting, Congress (<http://www.cns.org/guide/findAuthorsDetails.aspx?lname=48507>).

40. "Intraoperative Neuromonitoring: Lessons learned from 32 case events in 2095 spine cases".

M Eager, MD1, A Shimer, MD1, F Jahangiri, MD, D.ABNM2, FH Shen, MD1, V Arlet, MD1.1University of Virginia Medical Center, Department of Orthopaedic Surgery, Charlottesville, VA; 2Impulse Monitoring Inc., Columbia, MD, USA. Abstract published in Eur Spine J (2010) 19 (Suppl 3):S233–S364. Page 32-34. From the issue entitled "EuroSpine 2010, Annual Meeting of the European Spine Society, 15-17- September 2010, Vienna, Austria - Abstracts"

41. "Protecting the Sensory and Motor Spinal Pathways during the Embolization of Spinal AVM in INR Suite"

Faisal Jahangiri, MD, CNIM, D.ABNM1; Pervez Khan, MD2; Andrea Holmberg, CNIM1; Aaron Dumont, MD2; Malia Willis, CNIM1; Francisco Vega-Bermudez, MD3.
1Impulse Monitoring Inc., Columbia, MD; 2University of Virginia Medical Center, Department of Neurosurgery, Charlottesville, VA;
3American Neuromonitoring Associates, Columbia, MD, USA. Abstracts published in proceeding of the meeting "ASET 2010 Annual Conference". Louisville. KY. August 4-7. 2010. Page 12.

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42. "Protecting the Genitofemoral Nerve during Direct Lateral Interbody Fusion (DLIF/XLIF) Procedures"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1, Jonathan H. Sherman, MD2, Robert Louis, MD2, Jeff Elias, MD2, Francisco Vega-Bermudez, MD3.

1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA, USA.

Abstracts published in proceeding of the meeting "ASET 2010 Annual Conference", Louisville, KY, August 4-7, 2010.

43. "Protecting the Genitofemoral Nerve during Direct Lateral Interbody Fusion (DLIF/XLIF) Procedures".

Faisal R. Jahangiri, MD, CNIM, D.ABNM1, Jonathan H. Sherman, MD2, Robert Louis, MD2, Jeff Elias, MD2, Francisco Vega-Bermudez, MD3.

1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA, USA.

Abstracts published in proceeding of the meeting "ASNM 21st Annual Meeting of ASNM", Nashville, TN, April 23-25, 2010. P367.

44. "Use of Intraoperative Neurophysiological Monitoring during Selective Dorsal Root Rhizotomies for treatment of Spasticity in patient with Cerebral Palsy".

Faisal R. Jahangiri, MD1, CNIM, D.ABNM1, Jeff Elias, MD2.

1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, University of Virginia Medical Center, Charlottesville, VA, USA.

Abstracts published in proceeding of the meeting "ASET 2009 Annual Conference, The Gold Standard", Phoenix, AZ, August 5-8, 2009. Page 10.

45. "Predicting surgical outcome by Somatosensory Evoked Potentials and Trans-Cranial Electric Motor Evoked Potentials in a Cervical-Medullary Junction Hemangioblastoma"

Faisal R. Jahangiri, MD, CNIM, D.ABNM1, R. Webster Crowley, MD2; James Persyn, CNIM1; Neal F. Kassell, MD2; Francisco Vega-Bermudez, MD3

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3American Neuromonitoring Associates, Columbia, MD, USA. Abstracts published in proceeding of the meeting "ASET 2009 Annual Conference, The Gold Standard, Phoenix, AZ, August 5-8, 2009. Page 11

46. "Multimodality Neurophysiological Monitoring in Tibial/Fibular Osteotomies for preventing Peripheral Nerve Injuries".

Faisal Jahangiri, MD1, John Contreras, CNIM1; Robert Wimberly, M.D.2; Shannon McClure, M.D.2; Laurel Blakemore, M.D.2.

1Impulse Monitoring Inc., Columbia, MD, 2Children National Medical Center, Orthopedic Surgery, Washington DC, USA. Abstracts published in proceeding of the 19th Annual ASNM Meeting: Research Paper, Chicago, IL. May 2008. American Society of Neurophysiological Monitoring.

47. "Use of Intraoperative Monitoring during Selective Dorsal Root Rhizotomies for treatment of severe thoracic pain".

Faisal Jahangiri, MD1, Zachary Levine, MD2,

1Impulse Monitoring Inc., Columbia, MD, 2Department of Neurosurgery, Washington Hospital Center, Washington DC, USA. Abstracts Specialty section on Surgical Neuromonitoring, Journal of Clinical Monitoring and Computing, Volume 21, Number 1 / February, 2007, Pages 63-69

48. "Multimodality Neurophysiological Monitoring in Tibial/Fibular Osteotomies for preventing Peripheral Nerve Injuries"

F. Jahangiri, MD, CNIM, D.ABNM1; R. Wimberly, M.D.2; S. McClure, M.D.2; L. Blakemore, M.D.2

1Impulse Monitoring Inc., Columbia, MD, USA 2Children National Medical Center, Orthopedic Surgery, Washington DC, USA. Abstracts of the 28th International Congress of Clinical Neurophysiology. Edinburgh, Scotland. 10-14 September 2006. Volume 117, Supplement 1, Pages 114-115 (S121-S336).

49. "Tangential-Radial Cortical SSEP Model, DECS and ECoG Localization in Posterior Frontal Metastatic Adenocarcinoma".

Kevin McCarthy1, Faisal Jahangiri, MD1, Peter Balousek, MD2; 1Impulse monitoring Inc., Columbia, MD, 2Department of Neurosurgery, Valley Medical Center, Seattle, WA, USA. Abstracts Specialty section on Surgical Neuromonitoring, Journal of Clinical Monitoring and Computing, Volume 20, Number 1 / February, 2006, pages 57-65.

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50. "Intraoperative microvascular doppler ultrasound monitoring in an ovine model of acute spinal cord injury".

Qingze Wu¹, Lisa Klopp, MD², Alexander Y. Razumovsky, PhD¹, Thoms G. Lowe, MD³, Lucas Wilson, MS³, Katrina Layman, MS⁴, Faisal R. Jahangiri, MD⁴, Jeffrey H. Owen, PhD⁴.

¹Sentient Medical Systems, Inc. (Maryland), Cockeysville, MD, USA; ²Colorado State University, Ft. Collins, CO, USA; ³Woodridge Spine Center, Denver CO, Wheat Ridge, CO, USA; ⁴Sentient Medical Systems, Cockeysville, MD, USA. Proceedings of the NASS 19th Annual Meeting / The Spine Journal 4 (2004) 3S–119S. The Spine Journal, 10 September 2004 (Vol. 4, Issue 5, Pages S16-S17)
