

Nameer R. Haider MD, FAAPMR, AQPM, DABPM
Fellow American Academy of Physical Medicine & Rehabilitation
Additional Qualification in Pain Medicine American Board of Anesthesiology
Diplomate American Board of Pain Medicine

EXPERIENCE:

Director of Interventional Pain Management: Omni Pain & Precision Medicine, Spinal & Skeletal Pain Medicine and Minimally Invasive Pain Institute, with offices in New York and Metropolitan Washington, DC.

Chairman, Department of PM&R: Mohawk Valley Healthcare, Utica, NY.

Past President: New York Society of Interventional Pain Physicians.

Fellowship Director: Interventional Pain Medicine, Omni Pain & Precision Medicine, Spinal & Skeletal Pain Medicine and Minimally Invasive Pain Institute.

Founder: Advanced Physical Medicine & Rehabilitation PLLC (DBA Omni Pain and Precision Medicine), Utica, NY and Killpain, Washington DC. Founder of an outpatient interventional pain medicine/physical medicine practice providing Musculoskeletal, Orthopedic, Occupational, Industrial Medicine (www.killpain.com).

Founder: Washington Institute of Surgical Engineering (WISE), a nationally recognized bioskills lab, which conducts clinical research and surgical training (www.wisebioskills.com).

Founder: Omni Surgery Center, an outpatient Ambulatory Surgery Center with Four Class C Operating rooms, fully equipped with Ultrasound and Fluoroscopy, dedicated to Pain Management, Orthopedics, and Neurosurgery (www.omnisurgery.com).

Founder: Precision Clinical Laboratories, an outpatient clinical lab, which provided diagnostic testing using Mass Spectrometry (LCMS), Immunoassay, and DNA/Genomics (www.precisiondx.com).

Founder: Medical device and cybersecurity data management operating system (DMOS) (www.mice-360.com).

EDUCATION:

Chief Resident: Northshore University: Long Island Jewish Health System
Albert Einstein College of Medicine, New Hyde Park, NY
Department of Physical Medicine and Rehabilitation
Training and Experience in Electrodiagnosis/EMG, Musculoskeletal Medicine and Manipulation, Interventional/Fluoroscopic Pain Management, and Occupational Medicine.

Resident: Northshore University: Long Island Jewish Health System
Albert Einstein College of Medicine, New Hyde Park, NY
Department of Physical Medicine and Rehabilitation
Training and Experience in Inpatient/Outpatient Rehabilitation, Geriatric and Pediatric Rehabilitation, Consultation Service, TBI, SCI, and Burn Rehabilitation.

Intern: East Carolina University Medical Center, Greenville, NC
Departments of Orthopedic, Trauma and Plastic Surgery, Neurology, Rheumatology, Emergency Medicine, Internal Medicine, and Pediatrics.

MD: New York State Department of Health.

MBBS: Baccalaureate Medicine, Baccalaureate Surgery (M.B., B.S.) King Edward Medical University.

BSc: Baccalaureate in Science (B.Sc.) University of Punjab.

CERTIFYING EXAMINATIONS:

USMLE I, USMLE II, USMLE III

American Board of PM&R, Diplomate – Certification # 6973

American Board of Pain Medicine, Diplomate – Certification # 13803

American Board of Anesthesiology / ABPMR, Subspecialty in Pain Medicine, Diplomate – Certification # 443

PUBLICATIONS:

Haider, Nameer Razvi, et al. “5. Rehabilitation In Miller Fischer Variant Of Guillain-Barre Syndrome.” *American Journal of Physical Medicine & Rehabilitation*, vol. 77, no. 2, Apr. 1998, p. 177., doi:10.1097/00002060-199803000-00057.

Haider NR, Syed RA, Dermady D. Osteitis pubis: an important pain generator in women with lower pelvic or abdominal pain: a case report and literature review. *Pain Physician*. 2005 Jan;8(1):145-7. PubMed PMID: 16850051.

Ali, R., & Haider, N. (2008). Coccydynia Treated with Spinal Cord Stimulation: A Case Report. *Pain Medicine*, 9.

Ali, R., & Haider, N. (2009). Caudal Approach for Percutaneous Spinal Cord Stimulator Implantation. *Pain Medicine*, 10.

Ali, R., & Haider, N. (2009). Intractable Vulvodynia Treated with Spinal Cord Stimulation: A Case Report. *Pain Medicine*, 10.

Ali, R., Cheryala, M., Haider, N., & Ko, S.M. (2009). PA43 An Unusual Presentation of Ankle Pain Secondary to Saphenous Neuropathy, Following an Ankle Surgery: A Case Report. *Pain Practice*, 9.

Ali, R., Haider, N., Khan, K., & Prasad, M. (2009). PA44 Misdiagnosis of Monoarticular Lyme Disease and Unnecessary Knee Surgery: A Case Report. *Pain Practice*, 9.

Ali, R., Cheryala, M., Haider, N., & Ko, S.M. (2009). PA119 Functional Brown-Sequard Syndrome: A Case Report. *Pain Practice*, 9.

Ali, R., & Haider, N. (2009). PA125 A Case of Pseudotumor Cerebri, Diagnosed after Provocative and Functional Anesthetic Discography Procedure for the Evaluation of Axial Back Pain: A Case Report. *Pain Practice*, 9.

Deer TR, Skaribas IM, Haider N, Salmon J, Kim C, Nelson C, Tracy J, Espinet A, Lininger TE, Tiso R, Archacki MA, Washburn SN. Effectiveness of cervical spinal cord stimulation for the management of chronic pain. *Neuromodulation*. 2014 Apr;17(3):265-71; discussion 271. doi: 10.1111/ner.12119. Epub 2013 Sep 24. Review. PubMed PMID: 24112709.

Veizi E, Hayek SM, North J, Brent Chafin T, Yearwood TL, Raso L, Frey R, Cairns K, Berg A, Brendel J, Haider N, McCarty M, Vucetic H, Sherman A, Chen L, Mekel-Bobrov N. Spinal Cord Stimulation (SCS) with Anatomically Guided (3D) Neural Targeting Shows Superior Chronic Axial Low Back Pain Relief Compared to Traditional SCS-LUMINA Study. *Pain Med*. 2017 Aug 1;18(8):1534-1548. doi: 10.1093/pm/pnw286. PubMed PMID: 28108641.

Pope JE, Deer TR, Falowski S, Provenzano D, Hanes M, Hayek SM, Amrani J, Carlson J, Skaribas I, Parchuri K, McRoberts WP, Bolash R, Haider N, Hamza M, Amirdelfan K, Graham S, Hunter C, Lee E, Li S, Yang M, Campos L, Costandi S, Levy R, Mekhail N. Multicenter Retrospective Study of Neurostimulation With Exit of Therapy by Explant. *Neuromodulation*. 2017 Aug;20(6):543-552. doi: 10.1111/ner.12634. Epub 2017 Jul 17. PubMed PMID: 28714533.

Haider N, Ligham D, Quave B, Harum KE, Garcia EA, Gilmore CA, Miller N, Moore GA, Bains A, Lechleiter K, Jain R. Spinal Cord Stimulation (SCS) Trial Outcomes After Conversion to a Multiple Waveform SCS System. *Neuromodulation*. 2018 Jul;21(5):504-507. doi: 10.1111/ner.12783. Epub 2018 Jun 11. PubMed PMID: 29889356.

POSTER PRESENTATIONS:

Haider NR. Caudal approach for SCS. Poster presented at: The North American Neuromodulation Society Annual Meeting; December 2008; Las Vegas, NV.

Haider, NR. SCS for Vulvodynia. Poster presented at: The North American Neuromodulation Society Annual Meeting; December 2008; Las Vegas, NV.

Haider, NR. Coccydynia Treated with Spinal Cord Stimulation; A Case Report. Poster presented at: The 24th Annual Meeting of The American Academy of Pain Medicine; February 14, 2008; Orlando, FL.

Haider, NR. Neuromodulation in the treatment of chronic testicular pain. Poster presented at: The North American Neuromodulation Society; December 2009; Las Vegas, NV.

Haider, NR. Peripheral Nerve Stimulation for Chronic Lower Abdominal Pain: A Case Series Report. Poster presented at: The American Academy of Pain Medicine's 27th Annual Meeting; March 24-27, 2011; Washington, DC.

Haider, NR. 360 Degree Cranial Neurostimulator Implantation for Migraine Headaches using a 32 contact IPG and 4 leads (Haider 360 Halo). Poster presented at: The International Neuromodulation Society 11th World Congress; June 8-13, 2013; Berlin, Germany.

Haider, NR. Spectra multiple independent current control (MICC) and patient-specific optimization of stimulation. Poster presented at: The North American Neuromodulation Society Annual Meeting; December 5-8, 2013; Las Vegas, NV.

Haider, NR. Clinically significant outcomes with precision spectra using the 16-contact Infineon lead. Poster presented at: The North American Neuromodulation Society Annual Meeting; December 5-8 2013, Las Vegas, NV.

Haider, NR. Peripheral Nerve Stimulation for Chronic Lower Abdominal Pain: A Case Series Report. Poster presented at: The North American Neuromodulation Society's 17th Annual Meeting; December 5-8, 2013; Las Vegas, NV.

Haider, NR. Highly significant pain reduction with precision spectra spinal cord stimulation trials. Poster presented at: The North American Neuromodulation Society; December 5-8 2013; Las Vegas Nevada, USA.

Haider, NR. Highly significant pain reduction with precision spectra and 16-contact Infineon leads. Poster presented at: The North American Neuromodulation Society 17th Annual Meeting; December 5-8, 2013; Las Vegas, NV.

Haider, NR. Highly significant reduction in chronic low back pain with the precision spectra system. Poster presented at: The North American Neuromodulation Society 17th Annual Meeting; December 5-8, 2013; Las Vegas, NV.

Haider, NR. Highly significant trial outcomes with precision spectra 16-contact Infineon leads. Poster presented at The North American Neuromodulation Society 17th Annual Meeting; December 5-8, 2013; Las Vegas, NV.

Haider, NR et al. Highly Significant Pain Reduction with a 32-contact Multiple Independent Current Control SCS System. Co-Author Poster presented at: The World Institute of Pain Congress; June 2014; Berlin, Germany.

Haider, NR et al. Highly significant reduction in low back pain with 32-contact multiple independent current control SCS system. Poster presented at: The World Institute of Pain Congress; June 2014; Berlin, Germany.

Haider, NR et al. Treating Difficult Pain Patterns with a 32-contact Multiple Independent Current Control SCS System. Co-author poster presented at: The North American Neuromodulation Society; December 2014; Las Vegas, NV.

Haider, NR et al. Highly significant pain reduction sustained out to 1 year with 32-contact multiple independent current control (MICC) SCS. Co-author poster presented at: The North American Neuromodulation Society (NANS); December 2014; Las Vegas, NV.

Haider, NR et al. 32 contact multiple independent current control (MICC) and patient-specific optimization of stimulation. Co-author presented at The North American Neuromodulation Society; December 2014; Las Vegas, NV.

Haider, NR et al. Long-term back pain relief with precision spectra SCS and 32-contact anatomically-based programming. Co-authored oral presentation at: The North American Neuromodulation Society; December 2014; Las Vegas, NV.

Haider, NR et al. Highly significant pain reduction sustained out to 1 year with 32-contact multiple independent current control (MICC) SCS". Co-author poster presented at: The American Academy of Pain Medicine; March 19-22, 2015; Washington, DC.

Haider, NR et al. Advanced SCS using anatomically-guided neural targeting and patient specific optimization of stimulation. Poster presented at The International Neuromodulation Society; June 2015; Montreal, Canada.

Haider, NR et al. Long-term clinical outcomes with advanced SCS using anatomically-guided neural targeting. Co-author poster presented at The International Neuromodulation Society; June 2015; Montreal, Canada.

Haider, NR et al. Advanced SCS with anatomically-guided neural targeting: A view from the prospective 4800 patient global registry. Co-author poster presented at The International Neuromodulation Society; June 2015; Montreal, Canada.

Haider, NR et al. Advanced SCS using anatomically-guided neural targeting and patient specific optimization of stimulation. Co-author poster presented at: The International Spine Intervention Society; July 28-August 1, 2015; Las Vegas, NV.

Haider, NR et al. Long-term back pain relief with anatomically-guided neural targeted spinal cord stimulation. Co-author poster presented at: The International Spine Intervention Society; July 28-August 1, 2015; Las Vegas, NV.

Haider, NR et al. Long-term clinical outcomes with advanced SCS using anatomically-guided neural targeting stimulation. Co-author poster presented at: The International Spine Intervention Society; July 28-August 1, 2015; Las Vegas, NV.

Haider, NR et al. RELIEF. Co-authored poster presented at: The North American Neuromodulation Society; December 10-13, 2015; Las Vegas, NV.

BOOK CHAPTERS:

“Pain relieving mechanisms in neuromodulation” Chapter 10, Deer’s Treatment of Pain: An Illustrated Guide for Practitioners, 2019, Springer
(https://www.springer.com/us/book/9783030122805?gclid=CjwKCAjw1_PqBRBIEiwA71rmtUa0zkodoeQIT4HctAqOminwWxvHgtDyTcBpuUYLwP2BbIl1CjS2qhoCWDIQA vD_BwE#aboutBook).

“Lumbar Sympathetic Block” Chapter 57, Deer’s Treatment of Pain: An Illustrated Guide for Practitioners, 2019, Springer
(https://www.springer.com/us/book/9783030122805?gclid=CjwKCAjw1_PqBRBIEiwA71rmtUa0zkodoeQIT4HctAqOminwWxvHgtDyTcBpuUYLwP2BbIl1CjS2qhoCWDIQA vD_BwE#aboutBook).

“Cybersecurity of medical devices: past, present, and future” Chapter 57, Deer’s Treatment of Pain: An Illustrated Guide for Practitioners, 2019, Springer
(https://www.springer.com/us/book/9783030122805?gclid=CjwKCAjw1_PqBRBIEiwA71rmtUa0zkodoeQIT4HctAqOminwWxvHgtDyTcBpuUYLwP2BbIl1CjS2qhoCWDIQA vD_BwE#aboutBook).

“Stimulation of the peripheral nervous system for treatment of pain of the shoulder and upper extremity” Chapter 11, Atlas of Implantable Therapies for

Pain Management, Second Edition 2015, Springer
(<https://www.springer.com/us/book/9781493921096>).

“Neurostimulation for the treatment of anterior abdominal pain” Chapter 12, Atlas of Implantable Therapies for Pain Management, Second Edition 2015, Springer
(<https://www.springer.com/us/book/9781493921096>).

“Sacral, ilioinguinal, and vasal nerve stimulation for treatment of pelvic, sacral, inguinal and testicular Pain” Chapter 14, Atlas of Implantable Therapies for Pain Management, Second Edition 2015, Springer
(<https://www.springer.com/us/book/9781493921096>).

“Peripheral Extracranial Neurostimulation for the treatment of Primary Headache and Migraine” Chapter 19, Atlas of Implantable Therapies for Pain Management, Second Edition, 2015, Springer
(<https://www.springer.com/us/book/9781493921096>).

Comprehensive Pain Management in the Rehabilitation Patient Chapter “Pain in the Spine Rehabilitation Patient”, Pages 119-139 ISBN: 978-3-319-16783-1 (Print) 978-3-319-16784-8 (Online).

PROFESSIONAL MEMBERSHIPS:

American Academy of Physical Medicine and Rehabilitation (AAPM&R)

Association of Academic Physiatrists (AAP)

American Medical Association (AMA)

Physiatric Association of Spine, Sports, and Occupational Rehabilitation (PASSOR)

Medical Society of the State of New York (MSSNY)

Oneida County Medical Society

American Society of Interventional Pain Physicians (ASIPP)

International Spinal Intervention Society (ISIS)
American Academy of Pain Medicine (AAPM)
American Association of Orthopaedic Medicine (AAOM)
North American Spine Society (NASS)
International Neuromodulation Society (INS)
World Institute of Pain (WIP)
North American Neurological Society (NANS)

HONORS:

1982- Honors, New York State Science Congress
1984- Recipient, New York State Regents Scholarship
1988- College Colors in Swimming and Wrestling
1990- Graduated in top 10% of Medical School Class
1998- Elected, National Resident Representative for Extramural Affairs to the
Association of Academic Physiatrists
1998- Recipient, Scholarship, Center for Mind and Body Medicine, Washington,
DC
1998- Recipient, Rhone-Poulenc Scholarship in Physical Medicine and
Rehabilitation
2000- Member of Oneida County Medical Societies Board of Trustees
2000- Elected, as Oneida County YPS Delegate to the MSSNY
2000- Elected, as MSSNY YPS Delegate to the AMA
2001- Elected, as MSSNY YPS Delegate to MSSNY House of Delegates
2001- Elected to Board of Directors for Fiberelectronics LLC
2002- Member of the New York State Workers' Compensation and Occupational
Health, Injury Prevention and Control, and Physical Medicine and
Rehabilitation (WCOH, IP&C, and PM&R) Committee
2002- Elected Treasurer Oneida County Medical Society
2003- Elected to Board of Directors for Four County Management LLC
2003- Elected AAPM&R YPS delegate to American Medical Association HOD

- 2003- Elected Oneida County delegate to MSSNY HOD
- 2006- Elected Secretary Oneida County Medical Society
- 2006- Elected representative to the Regional Medicare Carrier Advisory Committee to represent Interventional Pain Management, covering five regional states
- 2007- Elected Vice President Oneida County Medical Society
- 2008- Elected Oneida 5th District Delegate to MSSNY HOD
- 2009- Elected President Oneida County Medical Society
- 2009- Elected to Board of Directors Arlington County Medical Society

CONTINUING MEDICAL EDUCATION:

- 2000- Moderator for CME Grand Rounds at Sitrin Rehabilitation Center: on recent developments in treatment of Lumbosacral Spinal Disorders, that included speakers from the departments of Neurosurgery, Orthopaedic Spine Surgery, and Interventional Physiatry.
- 2000- Guest lecturer, Asa Gray Biological Society Lecture Series, Utica College of Syracuse University, Topic: Intradiscal Electrothermal Annuloplasty in Treatment of Low Back Pain.
- 2000- Clinical instructor, Department of Physical Therapy, Utica College of Syracuse University.
- 2001- Moderator for CME grand rounds at Sitrin Rehabilitation Center, on recent developments in the pharmacological treatment of pain.
- 2002- Interventional Pain Management Certificate Training Course, by the Society for Pain Practice Management.
- 2002- University of Louisville, Interventional Pain Management CME conference, sponsored by the American Society of Interventional Pain Physicians.
- 2003- Training completed for Percutaneous Disc Decompression Nucleoplasty.
- 2003- Training completed in Mechanical Percutaneous Diskectomy-Dekompressor.

2003- Training completed for Percutaneous Vertebroplasty.

2003- Training completed for Cervical Percutaneous discectomy/Nucleoplasty.

2004- Training completed for Heat and Pulsed Radiofrequency Lesioning.

2004- Co-Chair Central NY Academy of Medicine Orthopedics/PM&R Teaching day.

2005- Training completed for Spinal Endoscopic Surgery.

2004- Guest lecturer, Grand Rounds St Elizabeth Hospital and Little Falls Hospital.

2005- Guest lecturer, Mohawk Glen Family Practice Teaching Day.

2006- Chairman Central New York Academy of Medicine Pain Teaching Day.

2007- Clinical Instructor for training for Spinal Cord Stimulation and Discography.

2007- Lectures given at NIH Department of Neurosurgery, Georgetown University Department of Anesthesiology, SUNY Upstate Medical University, Albany Medical College.

2008- American Academy of Pain Medicine annual conference presentation on Spinal Cord Stimulation.

2008- The Third International Congress of Chinese Orthopaedic Association; Faculty Presenter; Suzhou, China.

2008- International Spine Intervention Society 16th Annual Scientific Meeting; Las Vegas, NV, USA.

2009- North American Neuromodulation Society annual conference presentation on Spinal Cord Stimulation; Las Vegas, Nevada, USA.

2009- American Society of Interventional Pain Physicians Annual Conference, faculty research presentation.

2009- International Spine Intervention Society Annual Conference, faculty presentation on Functional Anesthetic Discography; Toronto, Canada.

2009- World Institute of Pain conference, faculty presenter; Lisbon, Portugal.

2010- American Society of Interventional Pain Physicians Annual Conference, lunchtime keynote speaker; Washington, DC, USA.

- 2010- New York Society of Interventional Pain Physicians Annual Conference lecture, “Assault on Interventional Pain Medicine Managing the challenges and complexities of a constantly changing environment”; New York, NY, USA.
- 2010- New York Society of Regional Anesthesia Annual World Conference faculty presenter; Dubai, UAE.
- 2010- Society for Progress and Innovation in The Near East, faculty presenter and instructor for Cadaver Bioskills Workshop; Beirut, Lebanon.
- 2010- 8th Annual Orthopedic, Spine and Pain Management-Driven ASC conference faculty presentation.
- 2011- 9th Annual Orthopedic, Spine and Pain Management-Driven ASC Conference, faculty presentation: Best Practice of Interventional Pain Management in the Office and ASC.
- 2011- American Academy of Pain Medicine 27th Annual Meeting, poster presenter.
- 2011- Georgetown University Department of Plastic Surgery Grand Rounds presentation on Surgical Neuromodulation.
- 2012- Virginia Hospital Center-Georgetown University Department of Medicine Grand Rounds Presentation.
- 2012- American Academy of Physical Medicine & Rehabilitation Annual Meeting; Atlanta, Georgia, USA.
- 2012- 10th Annual Orthopedic, Spine and Pain Management-Driven ASC Conference faculty presentation.
- 2012- New York Society of Interventional Pain Physicians Annual Conference faculty presenter.
- 2012- Excellence in Regional Anesthesia Workshop: Ultrasound Techniques; Northwestern University; Chicago, Illinois, USA.
- 2012- Virginia Commonwealth University of Richmond Pain Management & Spine Symposium 2012 Breakfast Symposium speaker.
- 2013- New York Society of Interventional Pain Physicians Annual Conference Lunchtime Keynote Speaker.

- 2013- Virginia Hospital Center-Georgetown University Department of Medicine Grand Rounds Presentation.
- 2013- International Neuromodulation Society 11th World Congress, poster presentation on “Haider 360 Halo” Procedure and” Cranial AVM”; Berlin, Germany.
- 2013- North American Neuromodulation Society Annual Conference. Poster presentation on “Haider Halo Procedure”; Las Vegas, Nevada, USA.
- 2014- St. Elizabeth’s Medical Center Grand Rounds presentation “Advances in Technology and Applications of interventional Pain Management in the treatment of Primary Headache disorders”.
- 2014- Becker’s ASC Annual conference. Presentation on "The Future of Orthopedics"; Chicago, Illinois, USA.
- 2014- New York Society of Interventional Pain Physicians Annual Meeting. Lunchtime Keynote presentation on Neuromodulation; New York, NY, USA.
- 2015- New York Society of Regional Anesthesia. Presentation on “Advances in technology and applications of interventional pain management in the treatment of primary headache disorders”; Abu Dhabi, UAE.
- 2015- Ankara University, University Hospital. Live video streamed surgery and presentation on surgical implantation of Cervical Spinal Cord Stimulator; Ankara, Turkey.
- 2015- Albert Einstein College of Medicine Rehabilitation Conference Lectures and free clinics; Najaf and Kerbala, Iraq.
- 2015- Becker’s ASC Annual conference. Expert Panel on Advances in Orthopedics; Chicago, Illinois, USA.
- 2015- International Spinal Intervention Society Annual Meeting lunchtime keynote moderator on Advances in Neuromodulation.
- 2015- Albert Einstein College of Medicine Rehabilitation Conference. Lecture and live patient bioskills lab on interventional pain management for spinal pain; Tehran, Iran.

2016- Boston Biolife Conference on Stem Cell Therapy and Regenerative Medicine; Washington, Distric of Columbia, USA.

2016- The 35th Annual Cherry Blossom Sports Medicine Seminar; Washington, DC, USA.

2016- BSC Neuromodulation Meeting; Dallas, Texas, USA.

2016- Stimwave Peripheral Cranial Neuromodulation FDA Research Meeting; Chicago, Illinois, USA.

2016 - Georgia Society of Interventional Pain Physicians Meeting CME lecture: “Latest Advances in the Interventional Treatment of Headaches”; Lake Oconee, Georgia, USA.

2016- APPNA CME lecture: “Options for Pain Management in patients undergoing Cardiothoracic Surgery”; Miami, Florida, USA.

2016 - World Institute of Pain conference, CME lecture; Manhattan, New York, USA.

2016 - BSC Spectra Roundtable meeting; Manhattan, New York, USA.

2016 - Training of surgical implantation of subdermal buprenorphine; Washington, District of Columbia, USA.

2016 - Faculty for physician training on spinal cord stimulation; Valencia, California, USA.

2016 – New York Society of Interventional Pain Physicians Annual Meeting; Jersey City, New Jersey, USA.

2017 - North American Neuromodulation Society Annual Conference. Faculty at lunchtime keynote panel session; Las Vegas, Nevada, USA.

2017 - American Academy of Pain Medicine Annual Conference Faculty; Orlando, Florida, USA.

2017 - American Society of Interventional Pain Physicians Annual Meeting Faculty; Las Vegas, Nevada, USA.

2017 - Florida Society of Interventional Pain Physicians Annual Meeting Faculty; Orlando, Florida, USA.

2017 - BSC faculty for physician education; Denver, Colorado, USA.

2017 - International Neuromodulation Society Biennial Conference faculty CME

lecture; Edinburgh, Scotland, United Kingdom.

2017 - American Society of Addiction Medicine conference; Grapevine, Texas, USA.

2017 - Becker's Annual Health IT + Revenue Cycle Conference CME lecture; Chicago, Illinois, USA.

2017 - New York Society of Interventional Pain Physicians Annual Meeting; Jersey City, New Jersey, USA.

2017 - Nuvectra Spinal Cord Stimulation medical advisory board meeting; Los Angeles, California, USA.

2018 - North American Neuromodulation Society Annual Conference, faculty CME lecture on Cranial Neuromodulation; Las Vegas, Nevada, USA.

2018 - North American Neuromodulation Society Annual Conference CME Prizm poster presentation; Las Vegas, Nevada, USA.

2018 – Association of Physicians of Pakistani Descent of North America, Annual Convention; Dallas, Texas, USA.

2018 - Becker's ASC Faculty CME Lecture: “From Internet of Things to Internet of Bodies”; Chicago, Illinois, USA.

2018 – Nuvectra Meeting; New York, New York, USA.

2018 - Becker's ASC Faculty CME Lecture: “Spine procedures in the ASC”; Chicago, Illinois, USA.

2018 - Becker's ASC Faculty CME Lecture: “Pain Management key business issues”; Chicago, Illinois, USA.

2018 - Association of Physicians of Pakistani Descent of North America Annual Meeting, Faculty CME Lecture; Dallas, Texas, USA.

2018 - Association of Physicians of Pakistani Descent of North America Annual meeting, Faculty CME Ultrasound training on Hip Joint Injections; Dallas, Texas, USA.

2018 - The Regenerative Medicine Discseel Fellowship Weil Cornell Medical Center; New York, New York, USA.

2018 - Nuvectra Nexus Meeting Chief Moderator; Chicago, Illinois, USA.

2018 - New York Society of Interventional Pain Physicians Annual Meeting;

Jersey City, New Jersey, USA.

2018 - Cornerloc Training, New York Society of Interventional Pain Physicians Annual Meeting; Jersey City, New Jersey, USA.

2018 - SI Bone SI Joint Fusion, MARC Institute; Miami, Florida, USA.

2018 - APEX Biologix Regenerative Medicine Headquarters meeting; Salt Lake City, Utah, USA.

2019 - North American Neuromodulation Society Annual Conference, faculty lecture; Las Vegas, Nevada, USA.

2019 - EVOLVE Conference, Advanced Regenerative Medicine Institute; Salt Lake City, Utah, USA.

HOSPITAL PRIVILEGES:

Surgical Privileges held at Mohawk Valley Health System, Virginia Hospital Center, and Georgetown University Medical Center.

MEDICAL ADVISORY COMMITTEE:

Pacira, Boston Scientific, and Nuvectra.

CLINICAL INSTRUCTOR / FACULTY:

Medtronic, St. Jude Medical, Boston Scientific, and Nuvectra.

MEDICAL LICENSURE:

New York State, District of Columbia, Virginia, and Florida.

ACTIVE FDA CLINICAL STUDIES:

Pro Study and Relief Study- Boston Scientific

Registry Study- St Jude Medical

Intrathecal Prialt PRIZM Study- Jazz Pharmaceutical

Nuvector- SCS Study

Stimwave/Stimrelieve- Craniofacial Pain Neuromodulation Study

PROCEDURES PERFORMED:

EMG/NCS

Interventional Pain Management using Fluoroscopy and Ultrasound guidance

Minimally Invasive Spine Surgery

Endoscopic Discectomy

Transforaminal Epidural Steroid Injections at Cervical, Thoracic, Lumbar and Sacral Levels

Interlaminar epidurals at Cervical, Thoracic and Lumbar levels

Caudal Epidurals

Epidural Blood Patch

Facet joint injections at Cervical, Thoracic and Lumbar levels

Thoracic Costovertebral Joint injections

Intercostal Nerve Blocks and RF lesioning

Cervical, Thoracic, and Lumbar Discography

Percutaneous Discectomy using Nucleoplasty and Discrod

Intradiscal Electrothermal Annuloplasty and Acutherms

Hydrodiscectomy

Automated Mechanical Percutaneous Discectomy with Dekompessor

Vertebroplasty / Kyphoplasty

Medial Branch blocks at Cervical, Thoracic and Lumbar levels

Radiofrequency lesioning (Dorsal Rhizotomy) of medial branches to facet and sacroiliac joints

Pulsed Radiofrequency lesioning of cranial nerves, peripheral motor nerves, and spinal nerve DRG Neuromodulation

Lumbar Epidural Adhesiolysis

Spinal Endoscopic Surgery
Minimally Invasive Lumbar Decompression (MILD) Surgery
Spinal Facet Fusion Surgery
Spinal (Dorsal Column) and Peripheral Nerve stimulator trials and permanent surgical implantation
HALO procedure for Headache
Intrathecal Pump Implantation Surgery
Cranial nerve blocks
Atlantoaxial and Atlanto-occipital Blocks
Sympathetic nerve blocks at all levels
Peripheral nerve blocks
Trigger Point Injections
Prolotherapy Injections
Botox injections for Pain
Joint injections, Joint Arthrography
Vertiflex procedure
SI Joint Fusion with Cornerloc and Ifuse systems
Discseel procedure
Biodisc procedure
Platelet Rich Plasma and Bone Marrow Concentrate procedures for Regenerative Medicine