

Nomen Azeem, MD, FAAPMR

Boarded-Certified in Interventional Pain

Medicine & PM&R

Florida Spine & Pain Specialists

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OBJECTIVE

Utilize prior experience, personal ability, medical and clinical knowledge to provide exceptional patient care and consistently participate in academic endeavors to enhance the field of multidisciplinary interventional pain medicine. Provide leadership in the medical community to optimize the quality of care for patients while controlling costs of healthcare delivery in accordance with the current healthcare environment.

AREAS OF CLINICAL INTEREST

- ï Chronic Pain
- ï Complex Pain Syndromes
- ï Spinal Degenerative Conditions
- ï Musculoskeletal Injuries
- ï Sports Medicine
- ï Osteoarthritis
- ï Fibromyalgia
- ï Myofascial Pain
- ï Nerve Pain
- ï Headaches

EDUCATION

Doctor of Medicine 8/2004 to 3/2008
Ross University School of Medicine Portsmouth, Dominica

Bachelor of Science, Health Sciences 8/1996 to 5/2000
James Madison University
Harrisonburg, Virginia

TRAINING

ACGME Interventional Pain Fellowship 1/2013 to 12/2013
Temple University Hospital/Mid-Atlantic Spine and Pain Physicians
Philadelphia, Pennsylvania

Physical Medicine and Rehabilitation Residency 7/2009 to 7/2012
MedStar Health Georgetown University Hospital/
National Rehabilitation Hospital
Washington, District of Columbia

Internal Medicine-Preliminary Year (PGY-1)
MedStar Health Harbor Hospital Center
Baltimore, Maryland

7/2008 to 6/2009

WORK EXPERIENCE

Chair, Foundation of Innovative Spine Procedures
World Academy of Pain Medicine United
North Reading, MA 01864
<https://www.wapmu.org/>

8/2023 to Present

Director of Membership Engagement, Board of Directors
American Society of Pain & Neuroscience
New York, NY 10001
<https://asnpain.com>

2/2023 to Present

Executive Collaborative Council
American Society of Pain & Neuroscience
New York, NY 10001
<https://asnpain.com>

10/2022 to Present

Medical/Surgical Consultant-Commercial Advisory Board
Medtronic
710 Medtronic Parkway
Minneapolis, MD 55432
<https://www.medtronic.com/us-en/index.html>

11/2022 to Present

Medical/Surgical Consultant-Medical Advisory Board
Vivex Biologics, LLC
3200 Windy Hill Road #1650W
Atlanta, GA 30339
<https://www.gotviadisc.com>

5/2022 to Present

Medical/Surgical Consultant-Medical Advisory Board
Biotronik, Inc
6024 Jean Rd
Lake Oswego, Oregon 97035
<https://www.biotronik.com>

3/2022 to Present

Medical/Surgical Consultant-Medical Advisory Board
Spinal Simplicity, LLC
6600 College Blvd #220
Overland Park, KS 66211
<https://www.spinalsimplicity.com/>

6/2021 to Present

Medical/Surgical Consultant-Medical Advisory Board
Ethos Labs
Newport, Kentucky
<https://www.ethos-labs.com>

5/2021 to Present

Medical/Surgical Consultant-Medical Advisory Board PainteQ, LLC Tampa, Florida https://www.painteQ.com/	1/2020 to Present
Medical/Surgical Consultant-Medical Advisory Board Vertos Medical Aliso Viejo, California https://www.vertosmed.com/	1/2020 to Present
Chair of Leadership Council, Board of Directors American Society of Pain & Neuroscience New York, NY 10001 https://aspnpain.com	11/2019 to Present
Chair of Education Committee, Board of Directors Florida Prescription Drug Monitoring Program Seminole, FL 33777 https://flpdmpfoundation.com	10/2019 to Present
President Southeastern Society of Pain Intervention Tampa, FL 33647 http://www.painintervention.com/	5/2019 to Present
Medical/Surgical Consultant-Physician Advisory Board Vertiflex Carlsbad, CA 92010 https://www.vertiflex.com/	10/2018 to Present
Founder, Chief Executive Officer Florida Spine and Pain Specialists Tampa, Riverview, Sarasota, Florida https://www.flsp.com/	4/2017 to Present
Medical/Surgical Consultant Abbott/St. Jude Medical One St. Jude Medical Drive St. Paul, Minnesota 55117 https://www.abbott.com/abbott-stjudemedical-en.html	7/2016 to Present
Affiliate Assistant Professor-Neurology/Pain Medicine Department of Neurology University of South Florida Health Tampa, Florida 33612 https://health.usf.edu/	4/2015 to Present

<p>Medical Director, Infinity Home Care 5969 Cattleridge Blvd. Suite 104 Sarasota, Florida 34232 https://www.amedisys.com/</p>	<p>1/2016 to 5/2017</p>
<p>Director of Interventional Pain Medicine Sarasota Orthopedic Associates Sarasota, Florida http://www.soa.md/</p>	<p>4/2015 to 4/2017</p>
<p>Interventional Pain Medicine, Staff Physician Department of Neurosurgery, Tulane University Medical Center New Orleans, Louisiana 70072 https://louisianapain.com/</p>	<p>1/2014 to 3/2015</p>
<p>Staff Physician, Musculoskeletal Medicine Faculty, MedStar Health Georgetown University Hospital National Rehabilitation Hospital Physical Medicine and Rehabilitation Residency Program MedStar Health National Rehabilitation Hospital Washington, District of Columbia 20010 https://www.medstarnrh.org/</p>	<p>7/2012 to 1/2013</p>

RESEARCH

<p>Principal Investigator An Optimized Procedural Technique Utilizing Pre-operative Mapping and Intra-operative Fluoroscopy to Improve Accuracy of Posterior Sacroiliac Joint Fusion Surgery: A Prospective Multi-center Case Series with Post-operative CT Confirmation Florida Spine & Pain Specialists, PLLC Tampa, Florida</p>	<p>2022 to present</p>
<p>Principal Investigator A Pilot Study Evaluating the Safety and Clinical Effectiveness of Nucleus Pulposus Allograft for Replacement of Nuclues Tissue in Older Patient Population with Symptomatic Degenerative Discs: A Prospective, Single-arm Longitudinal, Multicenter Study Florida Spine & Pain Specialists, PLLC Tampa, Florida</p>	<p>2022 to present</p>
<p>Principal Investigator IMPROVE STUDY: Improvement in Gait Abnormality following Minimally Invasive, Posterior Approach SacRoiliac Joint FusiOn: A ProspectiVe, Single-arm Longitudinal, MulticEnter Study Florida Spine & Pain Specialists, PLLC Tampa, Florida</p>	<p>2022 to present</p>

Principal Investigator SUPPORT STUDY: A Multicenter, Single-arm Registry Study examining laboratory urinary biomarkers, validated supplementation protocols and multidimensional Assessment of chronic pain patients with active but failing spinal cord stimulation treatment in the United States. Ethos Labs Newport, Kentucky	2021 to present
Principal Investigator UPGRADE STUDY: Real World Outcomes of Differential Multiplexed (DTM-SCS) Stimulation in Existing and New Medtronic Intellis Implants Celeri Health, Inc. Wilmington, Delaware	2021 to present
Principal Investigator SECURE STUDY: A Single arm, Multicenter, Prospective, Clinical Study on a Novel Minimally Invasive Posterior Sacroiliac Fusion Device. Painteq, LLC Tampa, Florida	2020 to present
Co-investigator The Sam Schmidt Paralysis Foundation Research Grant <i>“Use of Platelet Rich Plasma (PRP) for treatment of bicipital tendinopathy in Spinal Cord Injury”</i> MedStar Health National Rehabilitation Hospital Washington, District of Columbia	2010 to 2012
Co-investigator National Institute on Disability and Rehabilitation Research Grant <i>“Cardiometabolic Risk, Obesity and Cardiovascular Disease in People with Spinal Cord Injury”</i> MedStar Health National Rehabilitation Hospital Washington, District of Columbia	2010 to 2012
Co-investigator National Institute on Disability and Rehabilitation Research Grant <i>“Skin Microvascular and Metabolic Response to Sitting and Pressure Relief Maneuvers in People with Spinal Cord Injury”</i> MedStar Health National Rehabilitation Hospital Washington, District of Columbia	2010 to 2012
Co-investigator <i>“The Alpha-numeric Soup: A Systems-Based Practice Workshop</i>	2010

for the Physical Medicine and Rehabilitation Resident"

MedStar Health National Rehabilitation Hospital, Washington, District of Columbia

ABSTRACTS/PUBLICATIONS

- Author Pending
"Improvement in Gait Abnormality following Minimally Invasive, Posterior Approach Sacroiliac Joint Fusion: A Prospective, Single-arm Longitudinal, Multicenter Study"
Journal of Pain Research
- Author Pending
"Best Practices for In-office Posterior SIJ Fusion"
Journal of Pain Research
- Author-Oral Presentation 7/2023
"Improvement in Gait Abnormality following Minimally Invasive, Posterior Approach Sacroiliac Joint Fusion: A Prospective, Single-arm Longitudinal, Multicenter Study"
American Society of Pain and Neuroscience
Miami, Florida
- Author-Poster Presentation 7/2023
"A Retrospective Analysis Cervical Medial Branch Radiofrequency Ablation Using a Modified Posterior Approach With Contralateral Cervical Rotation"
American Society of Pain and Neuroscience
Miami, Florida
- Author-Poster Presentation 7/2023
"A Single Center Retrospective Analysis of Safety and Efficacy of Disc Tissue Allograft Supplementation for Discogenic Axial Low Back Pain"
American Society of Pain and Neuroscience
Miami, Florida
- Author-Journal Article Pending
"The Sacroiliac Joint as a Pain Generator Following Motor Vehicle Collision: A Proposed Biomechanical Explanation"
Journal of Pain Research
- Author-Journal Article 12/2022
"The American Society of Pain and Neuroscience (ASPN) Evidence-Based Clinical Guideline of Interventional Treatments for Low Back Pain"
Journal of Pain Research

Author-Poster Presentation "A Retrospective Analysis of Safety and Efficacy of Disc Allograft Supplementation for Discogenic Low Back Pain" North American Neuromodulation Society Meeting Las Vegas, Nevada	8/2022
Author-Journal Article "Evidence-Based Clinical Guidelines from The American Society of Pain and Neuroscience for the Use of Implantable Peripheral Nerve Stimulation in the Treatment of Chronic Pain" Journal of Pain Research	8/2022
Author-Poster Presentation "A Real World 2-year Single-Center Retrospective Analysis of the Safety and Efficacy of Minimally Invasive Posterior Sacroiliac Joint Fusion" American Society of Pain and Neuroscience Meeting Miami, Florida	7/2022
Author-Journal Article "Pain Salvage with a Novel Minimally Invasive Posterior Sacroiliac Joint Fusion Device in Patients with Previously Implanted Pain Devices and Therapies" Journal of Pain Research	8/2021
Author-Journal Article "An International Survey on the Practice of Lumbar Radiofrequency Ablation for Management of Zygapophyseal (Facet) Mediated Low Back Pain" Journal of Pain Research	4/2022
Author-Poster Presentation "Salvage of Failed Cervical Dorsal Column Neuromodulation For Upper Extremity CRPS Type II with DRG Stimulator" North American Neuromodulation Society Annual Conference Orlando, Florida	1/2022
Editor/Author-Textbook Essentials of Radiofrequency Ablation of the Spine and Joints Co-Editor: Timothy R. Deer, MD Springer Publishing	11/2021
Author- Textbook Chapter "Surgical Instrumentation" Sacroiliac Joint Pain: A Comprehensive Guide to Interventional And Surgical Procedures Editors-Alaa Abd-Elseyed, MD, MPH and Dawood Sayed, MD Springer International Publishing	10/2021
Author-Literature Review "A Systematic Literature Review of Peripheral Nerve Stimulation Therapies for the Treatment of Pain" Pain Medicine Journal	8/2020

<p>Author-Poster/Oral Presentation Selection “Resolution of Bilateral Foot Drop After Placement of Interspinous Spacer: A Case Report” American Society of Regional Anesthesia Annual Conference New Orleans, Louisiana</p>	<p>10/2019</p>
<p>Author- Textbook Chapter “Neuromodulation: Mechanism of Action” Advanced Procedures for Pain Management: A Step by Step Atlas Editors-Sudhir Diwan, MD and Timothy R. Deer, MD Springer International Publishing</p>	<p>3/2018</p>
<p>Author- Textbook Chapter “Neuromodulation: Optimizing Surgical Outcomes and Risk Reduction” Advanced Procedures for Pain Management: A Step by Step Atlas Editors-Sudhir Diwan, MD and Timothy R. Deer, MD Springer International Publishing</p>	<p>3/2018</p>
<p>Author- Textbook Chapter “Trigger Point Injections” Treatment of Chronic Pain Conditions: A Comprehensive Handbook Editors- Jason E. Pope, MD and Timothy R. Deer, MD Springer International Publishing</p>	<p>9/2017</p>
<p>Author- Textbook Chapter “Indications/Interpretations for Advanced Imaging: MRI and CT” Treatment of Chronic Pain Conditions: A Comprehensive Handbook Editors- Jason E. Pope, MD and Timothy R. Deer, MD Springer International Publishing</p>	<p>9/2017</p>
<p>Author- Textbook Chapter “Ankle Injections” Treatment of Chronic Pain Conditions: A Comprehensive Handbook Editors- Jason E. Pope, MD and Timothy R. Deer, MD Springer International Publishing</p>	<p>9/2017</p>
<p>Author- Textbook Chapter “Spinal Cord Stimulation Permanent Implant” Treatment of Chronic Pain Conditions: A Comprehensive Handbook Editors- Jason E. Pope, MD and Timothy R. Deer, MD Springer International Publishing</p>	<p>9/2017</p>
<p>Author- Textbook Chapter “Sacroiliac Joint Injections for the Treatment of Pain in the Rehabilitation Patient” Comprehensive Pain Management in the Rehabilitation Patient Editors- Alexios Carayannopoulos DO, MPH Springer International Publishing</p>	<p>6/2017</p>

<p>Author-Journal Article “The Pharmacology of Spinal Opioids and Ziconotide for the Treatment of Non-Cancer Pain” Current Neuropharmacology Journal Bentham Science Publishers</p>	<p>2/2016</p>
<p>Author- Textbook Chapter “Complications: Vasovagal Response During Interventional Procedures” Case Studies in Pain Management Editors- Alan David Kaye, MD and Rinoo Shah, MD Cambridge University Press</p>	<p>4/2014</p>
<p>Author-Poster Presentation “Microtenotomy with Prolotherapy for a Proximal Hamstring Tear in a Ballet Dancer. A Case Report” American Academy of PM&R Meeting Orlando, Florida</p>	<p>11/2012</p>
<p>Author-Poster Presentation “Prolotherapy for DeQuervains Tenosynovitis/Tendinosis. A Case Report ” American Academy of PM&R Meeting Orlando, Florida</p>	<p>11/2012</p>
<p>Author-Poster Presentation “Use of Platelet Rich Plasma for non-operative management of bicipital tendinopathy in spinal cord injury: A Case Series ” American Academy of PM&R Meeting Orlando, Florida</p>	<p>11/2011</p>
<p>Author-Poster Presentation “Challenges in the Rehabilitation of a Patient with Chronic Inflammatory Demyelinating Polyneuropathy and Allodynia Presenting During Pregnancy: A Case Report” American Academy of PM&R Meeting Orlando, Florida</p>	<p>11/2011</p>
<p>Author-Poster Presentation “Effectiveness of Tenotomy with Platelet Rich Plasma seeding in a bicep tendon tear under ultrasound guidance. A Case Report ” American Academy of PM&R Meeting Orlando, Florida</p>	<p>11/2011</p>

Author-Poster Presentation "Deep Brain Stimulator placement to address vascular Parkinsonism and myoclonus in a Cerebral Vascular Accident. A Case Report" American Academy of PM&R Meeting Orlando, Florida	11/2011
Author-Poster Presentation "Dynamic Ultrasound Diagnosis of Hoffa's Syndrome: A Case Report " American Academy of PM&R Meeting Orlando, Florida	11/2011
Author-Poster Presentation "Ultrasound-guided Debridement of First Metatarsophalangeal Joint After Cheilectomy for Hallux Rigidus: A Case Report" American Academy of PM&R Meeting Orlando, Florida	11/2011
Author-Poster Presentation "The Alpha-numeric Soup: A Systems-Based Practice Workshop for the Physical Medicine and Rehabilitation Resident " American Academy of PM&R Meeting Orlando, Florida	11/2011
Author-Poster Presentation "Use of Platelet Rich Plasma for non-operative management of bicipital tendinopathy in wheelchair users: A Case Series " American Society of Interventional Pain Physicians Washington, District of Columbia	6/2011
Author-Poster Presentation "Challenges in Rehabilitation of Glioblastoma Multiforme with Spinal Leptomeningeal Metastasis: A Case Report " Assn of Academic Physiatrist Meeting Las Vegas, Nevada	4/2011

TEACHING/INSTRUCTION

Faculty, PILD-Cadaver Training. American Society of Pain and Neuroscience Las Vegas, Nevada	12/2022
Faculty, Intradiscal Biologic Implant-Cadaver Training American Society of Pain and Neuroscience Miami, Florida	7/2022

Faculty, Sacroiliac Joint Fusion-Cadaver Training World Academy of Pain Medicine United Coral Gables, Florida	1/2022
Faculty, Sacroiliac Joint Fusion-Cadaver Training North American Neuromodulation Society Orlando, Florida	1/2022
Faculty, Sacroiliac Joint Fusion-Cadaver Training American Society of Pain and Neuroscience Las Vegas, Nevada	1/2022
Faculty, PILD-Cadaver Training World Academy of Pain Medicine United Newark, New Jersey	8/2021
Faculty, Lumbar Interlaminar Fusion-Cadaver Training American Society of Pain and Neuroscience Miami, Florida	7/2021
Faculty, Sacroiliac Joint Fusion-Cadaver Training World Academy of Pain Medicine United San Francisco, California	5/2021
Faculty, Sacroiliac Joint Fusion-Cadaver Training World Academy of Pain Medicine United Dallas, Texas	3/2021
Faculty, Sacroiliac Joint Fusion/PILD-Cadaver Training World Academy of Pain Medicine United Clearwater, Florida	1/2021
Faculty, Interspinous Fusion Cadaver/Educational Courses Spinal Simplicity, LLC Various Cities	2021-Present
Faculty, Sacroiliac Joint Fusion-Cadaver Training World Academy of Pain Medicine United Miami, Florida	2/2020
Faculty, Neuromodulation-Cadaver Training North American Neuromodulation Society Las Vegas, Nevada	1/2020
Faculty, Sacroiliac Joint Fusion Cadaver/Educational Courses Painteq, LLC Various Cities	2020-Present
Faculty, Advanced Interventional Procedures-Cadaver Training North American Neuromodulation Society Scottsdale, Arizona	12/2019

Faculty, Interspinous Spacer-Lecture Tennessee Pain Society Meeting Education Nashville, Tennessee	11/2019
Faculty, Panel Lecture American Society of Pain and Neuroscience Miami, Florida	7/2019
Faculty, Neuromodulation-Cadaver Training North American Neuromodulation Society Las Vegas, NV	1/2019
Guest Lecture, Florida League of Cities (CEU-FL-Work Comp) “Optimization of Pain Control and Return to Work In Claim Related Injuries” Orlando, Florida	12/2018
Faculty, MILD Cadaver/Educational Courses Vertos Medical Various Cities	2018-Present
Faculty, Interspinous Spacer Cadaver/Educational Courses Vertflex-Boston Scientific Various Cities	2017-Present
Faculty, Neuromodulation Cadaver/Educational courses Abbott Neuromodulation Various Cities	2016-Present
Faculty, Neuromodulation Cadaver Workshop North American Neuromodulation Society (NANS) Las Vegas, Nevada	1/2015
Instructor, Musculoskeletal Ultrasound Workshop American Academy of Physical Medicine & Rehabilitation San Diego, California	7/2014
Instructor, Musculoskeletal Ultrasound Workshop Association of Academic Physiatrists Annual Conference New Orleans, Louisiana	10/2013
Instructor, Musculoskeletal Ultrasound Workshop American Academy of Physical Medicine & Rehabilitation National Harbor, Maryland	7/2013
Instructor, Musculoskeletal Ultrasound Workshop Association of Academic Physiatrists Annual Conference Las Vegas, Nevada	10/2012

AWARDS/RECOGNITION/MEDIA

“Non-Opioid Options for Chronic Pain” Television News Segment The Sarasota View – ABC 7 Sarasota WWSB Sarasota, Florida	9/2016
“New Device Targets and Treats Pain” Television News Segment Evening News - ABC 7 Sarasota WWSB Sarasota, Florida	8/2016
“Doctor First in Gulf Coast Area to use New Chronic Pain Device” Television News Segment Evening News – Suncoast News Network Sarasota, Florida	8/2016
“FL Gulf Coast Physician First to Use New Treatment for Chronic Pain” Press Release Tampa Bay Newswire Tampa, Florida	8/2016
“Going Beyond Medication to Treat Chronic Pain” Press Release St. Jude Medical Pulse New Orleans, Louisiana	10/2015
“Louisiana Pain Becomes First in Southeast Louisiana to Implant Patient Suffering from Chronic Pain with new Spinal Cord Stimulation Device” Press Release-PR Newswire New Orleans, Louisiana	7/2014
“At the Forefront” by Lucey Wright Louisiana Pain Magazine (Spring/Summer) New Orleans, Louisiana	5/2014
Chief Resident MedStar Health Georgetown University Hospital/ National Rehabilitation Hospital (GUH/NRH) PM&R Residency Program Washington, District of Columbia	2011/2012
Finalist Selected for Oral Presentation. "Use of Platelet Rich Plasma for non-operative management of bicipital tendinopathy in spinal cord injury: A Case Series." American Society of Interventional Pain Physicians Washington, District of Columbia	6/2011

Finalist Selected for Oral Presentation.

5/2009

“Beware of the Red Herring-Prosopagnosia due to
Right Posterior Cerebral Artery Infarction”
American College of Physicians Conference
Baltimore, Maryland

LEADERSHIP/PROFESSIONAL MEMBERSHIPS/COMMITTEES

Chair FISP , World Academy of Pain Medicine United	2023 to Present
President , Southeastern Society of Pain Intervention	2019 to Present
Board of Directors , Florida PDMP Foundation	2018 to Present
Board of Directors , American Society of Pain and Neuroscience	2015 to Present
Member, Florida Society of Interventional Pain and Neuroscience	2010 to Present
Member, American Society of Interventional Pain Physicians	2010 to Present
Member, American Academy of Pain Medicine	2010 to Present
Member, American Association of Academic Physiatrists	2010 to Present
Member, American Academy of Physical Medicine & Rehab	2009 to Present
Board of Directors, Greater New Orleans Sports Foundation	2014 to 2015
GMEC, GUH/NRH PM&R Residency Program	2009 to 2012
Domain Chief, GUH/NRH PM&R Residency Program	2009 to 2012
GMEC, Harbor Hospital Center-IM Residency Program	2008 to 2009