**ROHIT SANJEEV AIYER, M.D.**

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Long Beach, CA

90802

Tel: 347-559-2176

Email: rohitaiyer@gmail.com

linkedin: https://www.linkedin.com/in/rohitaiyer/

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| ***Professional Work Experience*** |

March 2024- ***Mind and Brain Link*** *–* Manhattan Beach, CA

Present

* Founder, CEO and Medical Director
* Outpatient Psychiatry

August 2024- ***Catalina Research Institute*** *–* Montclair, CA

Present

* Principal Investigator for Psychiatry and Pain Management Clinical Phase I, II and III Trials
* Directing and Overlooking Pharmaceutical Industry Sponsored Clinical Trials

Oct 2023- ***Westside Pain Management*** *–* Long Beach, CA

Present

* Outpatient Clinical Staff
* Interventional Pain Management

Sept 2022- ***Sunny Hills TMS & Behavioral Health*** *-* Fullerton, CA

Present

* Outpatient Clinical Staff
* General Adult Psychiatry & Neuromodulation (TMS), Spravato (Ketamine)

Sept 2022- ***Kaiser Permanente*** *-* Santa Ana, CA

Present

* Outpatient Clinical Staff
* General Adult Psychiatry

Sept 2022 - ***Providence St. Joseph's Hospital*** – Orange, CA

Present

* Behavioral Health Staff
* Emergency Department and Consultation & Liaison Psychiatry

Sept 2022 - ***Integrative Sports and Spine*** – Long Beach, CA

June 2023

* Clinical Staff
* Interventional Pain Management

Sept 2021 ***Richmond Interventional Pain Management*** – Staten Island, New York City

Sept 2022

* Partner – Private Practice
* Interventional Pain Management and Pain Psychiatry

July 2019- ***Henry Ford Health System – Department of Anesthesiology, Pain Management***

July 2021 ***and Perioperative Medicine* –** Detroit, MI

* ***Assistant Professor*** – Wayne State University School of Medicine (WSOM)
* Interventional Pain Management Faculty Staff
* Pain Psychiatry Faculty Staff

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| ***Graduate Medical Education*** |

2018 –2019 ***Weill Cornell Medical College – Tri-Institutional Pain Medicine - New York***

***Presbyterian Hospital (NYP), Memorial Sloan Kettering Cancer Center (MSKCC)***

***and The Hospital for Special Surgery (HSS) –*** New York, New York

* Anesthesia Interventional Pain Medicine Fellowship (ACGME)
* Board Certified in Pain Medicine (2021) – American Board of Psychiatry & Neurology (ABPN)

2014 – 2018 ***Zucker School of Medicine at Hofstra/Northwell Health at Staten Island University***

***Hospital -*** Staten Island, New York City

* Psychiatry Residency (ACGME)
* Board Certified in Psychiatry (2018) - American Board of Psychiatry & Neurology (ABPN)

2012- 2014 ***London and KSS South Thames Foundation School – Princess Royal***

***Hospital and Royal Sussex County Hospital*** – Haywards Heath, Brighton and

London, United Kingdom

* Internship – Surgical and Medical Training (NHS – UK Foundation Programme)

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| ***Undergraduate Education*** |

2007- 2012  ***University of Birmingham*** – Birmingham, United Kingdom

* Medical Doctorate **(M.D.)**

2003- 2007 ***Queen’s University*** – Kingston, Canada

* Bachelor of Science (Hons), **BSc. *(Hons***.***)*** Life Sciences:

Subject of Specialization

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| ***Medical Licenses and Certification*s** |

* State of California Medical License: **Active (2022-Present)**
* State of New York Medical License: **Active (2017-Present)**
* United States Department of Justice – Drug Enforcement Agency (DEA) Registration: **Active (2017-Present)**
* Advanced Cardiovascular Life Support (ACLS) Certification: **Active** (2014-**Present**)
* International Society for ECT and Neurostimulation (ISEN): ECT for Management and Treatment: **Certified** (2018)
* General Medical Council (GMC) License: **Eligible** to Practice in the United Kingdom (2012)
* Educational Commission for Foreign Medical Graduates (ECFMG): **Certified** (2012)

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| ***Pharmaceutical Speakerships and Consulting*** |

AbbVie Pharmaceuticals

* Key Opinion Leader (KOL), Speaker
* Thought Leader in Acute Mania, Bipolar Depression, Adjunct Major Depressive

Disorder Treatment, Cariprazine (Vraylar)

* Speakerships in California

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| ***Clinical Studies – Principal Investigator - Current*** |

1. A retrospective chart review on geniculate cooled radiofrequency ablation versus geniculate conventional radiofrequency ablation for chronic knee pain.

Clinical Site: Henry Ford Hospital – Detroit, MI

Ayodeji A, Adlaka K, Rahavard B, Sibai N, Forrest P, Nowak K, Money S, Khaja D, Choe M, ***Aiyer R.***

**Clinical Project Leader:** Rohit Aiyer MD

1. A Meta-Analysis Investigation on the Treatment of Bipolar Depression with Neuromodulation Modalities

Muhammad A, Hanif Mubeena, Oreoluwa Philip, Mischel Nicholas, McIntyre Roger, ***Aiyer R.***

**Clinical Project Leaders:** Rohit Aiyer MD and Roger McIntyre MD

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| ***Clinical and Scientific Manuscript Publications (Peer-Reviewed)* - *Published*** |

**2024**

1. Sanzone EM, Kam O, Sanzone KE, Bai M, Rodecker N, Shad MU, Varghese SP, Barlati S, Kirschner M,

Kooner P, Velligan DI, ***Aiyer R***, Waskiewicz N, Castle DJ, Cowan RL, Koola MM. Mobile Delivery Program

To Prevent Relapse and Improve Functioning in Patients with Psychiatric Diseases. *J Psychiatr Pract*. 2024;

30(5); 364-373.

2. Ehsanian R, Fernandez S, Cooper A, Cushman DM, Conger A, Burnham T, Fogarty AE, ***Aiyer R***, Smolinski K,

McCormick ZL. Genicular nerve radiofrequency ablation practice patterns: A survey study of the International

Pain and Spine Interventional Society. *Interventional Pain Medicine*. 2024; 3(3): 100432

1. Patel N, Fayed M, Maroun W, Miad H, Adlaka K, Schultz Lonnie, ***Aiyer R*,** Forrest P, Michell JD. Effectiveness of Erector Spinae Plane Block as Perioperative Analgesia in Midline Sternotomies: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Annals of Cardiac Anaesthesia.* 2024; 27(3): 193-201.
2. Patel N, Nowak K, Vaidyanathan A, Milad H, Adlaka K, Rubino C, Nerusu L, Taco Vasquez E, Rahavard B,

Fayed M, Burmeister C, Forrest PB, Money S, Dwivedi S, Zador L, Haddad R, Khaja D, Sibai N, ***Aiyer R.*** The

Effect of Sedation on Diagnostic Lumbar Medial Branch Blocks for Facetogenic Low Back Pain: An

Observational Study. *Pain Physician.* 2024; 27(4): E407-E418.

1. Hagedorn JM, George T, ***Aiyer R*,** Schmidt K, Halmka J, D’Souza R. Artificial Intelligence and Pain Medicine:

An Introduction. *Journal of Pain Research.* 2024; 2(17): 508-519.

**2023**

1. Hagedorn JM, Bendel MA, Hoelzer BC,***Aiyer R*,** Caraway D*.* Preoperative hemoglobin A1c and perioperative

blood glucose in patients with diabetes mellitus undergoing spinal cord stimulation surgery: a literature review

of surgical site infection risk. *Pain Practice.* 2023; 23(1): 83-93.

1. Olechowski C, Mischel N, ***Aiyer R*.** Transcranial Magnetic Stimulation (TMS) for chronic low back pain. Non- spinal neuromodulation for Chronic Low Back Pain. *Front Pain Res (Lausanne).* 2023;5;(4):1092158.

**2022**

8. Sayed D, Grider J, Strand N, Hagedorn JM, Falowski S, Lam CM, Tieppo Francio V, Beall DP, Tomycz ND,

Davanzo JR, **Aiyer R**, Lee DW, Kalia H, Sheen S, Malinowski MN, Verdolin M, Vodapally S, Carayannopoulos

A, Jain S, Azeem N, Tolba R, Chang Chien GC, Ghosh P, Mazzola AJ, Amirdelfan K, Chakravarthy K, Petersen

E, Schatman ME, Deer T. The American Society of Pain and Neuroscience (ASPN) Evidence-Based Clinical

Guideline of Interventional Treatments for Low Back Pain. *Journal of Pain Research.* 2022; 6 (15):3729-3832.

9*.* Patel N, Jacobs D, John J, Nerusu L, Tandron M, Sibai N, Forrest P, Schwalb J, ***Aiyer R*.** Kyphoplasty versus

Vertebroplasty: A Systematic Review of Height Restoration in Osteoporotic Vertebral Compression Fractures.

*Journal of Pain Research.* 2022; 15:1233-1245.

10*.* ***Aiyer R,*** Noori S, Schirripa F, Schirripa M, Aboud T, Jain S, Pahuta M, Elowitz E, Mehta N, Datta S. A

systematic review of full endoscopic versus micro-endoscopic or open discectomy for lumbar disc

herniation. *Pain Management.* 2022; 12(1): 87-104.

11. Joshi J, Roytman M, ***Aiyer R*,** Mauer E, Chazen JL. MR characterization and implications for interlaminar

epidural injection therapy. *Regional Anesthesia & PainMedicine.* 2022; 47(8): 459-463.

12. Patel N, John J, Pakeerappa P, ***Aiyer R*,** Zador L. Slipping Rib Syndrome: Case Report of an Iatrogenic

Result Following Video Assisted Thoracic Surgery and Chest Tube Placement. *Pain Manag.*

*2021;(5):555-559.*

13.  ***Aiyer R,*** Noori S, Schirripa F, Schirripa M, Aboud T, Jain S, Gungor S, Puttanniah V, Gulati A, Hunter

CW. Platelet Rich Plasma for the Treatment of Knee Osteoarthritis Pain: A Systematic Review. *Pain*

*Manag.* 2021; 11(4): 419-431.

**2020**

14. Haffey PR, Bansal N, Kaye E, Ottestad E, ***Aiyer R***, Noori S, Gulati A. The Regenerative Potential of

Therapeutic Ultrasound on Neural Tissue: A Pragmatic Review. *Pain Med.*2020; 21(7): 1494-1506.

15. Money S, Gharib M, ***Aiyer R*.**  Post-Herpetic Neuralgia: Recent Advancements. *Current Emergency and*

*Hospital Medicine Reports*. 2020; 8: 45-49.

16. Deer TR, Grider JS, Lamer TJ, Pope JE, Falowski S, Hunter CW, Provenzano D, Slavin KV, Russo M,

Carayannopoulos A, Shah JM, Harned ME, Hagedorn JM, Bolash RB, Arle JE, Kapural L, Amirdelfan K,

Jain S, Liem L, Carlson JD. Malinowski MN, Bendel M, Yang A, ***Aiyer R,*** Valimahomed A, Anthony A,

Craig J,Fishman MA, Al-Kaisy AA, Christelis N, Levy RM, Mekhail N. A Systematic Literature Review of

Spine Neuromodulation Therapies for the Treatment of Pain. *Pain Med*. 2020; 21(7): 1421-1432.

17. Deer TR, Esposito MF, McRoberts WP, Grider JS, Sayed D, Verrills P, Lamer TJ, Hunter CW, Slavin KV,

Shah JM, Hagedorn JM, Simopoulos T, Gonzalez DA, Amirdelfan K, Jain S, Yang A, ***Aiyer R*,** Azeem N,

Levy RM, Mekhail N. A Systematic Literature Review of Peripheral Nerve Stimulation

Therapies for the Treatment of Pain. *Pain Med.* 2020; 21(8): 1590-1603.

18. Deer TR, Hunter CW, Mehta P, Sayed D, Grider JS, Lamer TJ, Pope JE, Falowski S, Provenzano DA,

Esposito MF, Slavin KV, Baranidharan G, Russo M, Jassal NS, Mogilner AY, Kapural L, Verrills P,

Amirdelfan K, McRoberts W, Harned ME, Chapman KB, Liem L, Carlson JD, Yang A, ***Aiyer R*,** Antony A,

Fishman MA, Al-Kaisy AA, Christelis N, Levy RM, Mekhail N. A Systematic Literature Review of Dorsal

Root Ganglion Neurostimulation for the Treatment of Pain. *Pain Med.* 2020; 21(8): 1581-1589.

19. ***Aiyer R****,* Noori SA, Chang K, Jung B, Rasheed A, Bansal N, Ottestad E, Gulati A. Therapeutic Ultrasoundfor

Chronic Pain Management in Joints: A Systematic Review. *Pain Med.* 2020; 21(7): 1437-1448.

20. Noori SA, Rasheed A***, Aiyer R,*** Chang K, Jung B, Bansal N, Ottestad E, Gulati A Therapeutic Ultrasound

for Management of Chronic Low Back Pain and Neck Pain: A Systematic Review. *Pain Med*. 2020; (7):1482-

1493.

**2019**

21. Gungor S, Fields K, ***Aiyer R***, Gonzalez E, Su E. Incidence and risk factors for the development of

persistent post-surgical pain following total knee arthroplasty: A retrospective cohort study. *Medicine.*

2019; 98 (28): e16450.

22. Noori S, ***Aiyer R*,** Yu J, Mehta N, Gulati A. Nonopioid versus opioid agents for chronic neuropathic pain,

rheumatoid arthritis pain, cancer pain and low back pain. *Pain Manag.* 2019; 9(2): 205-216.

**2018**

23. Gungor S, ***Aiyer R.*** Extrapyramidal Signs occurring after sympathetic block for Complex Regional Pain

Syndrome Responding to Diphenhydramine: Two case reports. *Medicine*. 2018; 97(26): e11301.

24. Gungor S, ***Aiyer R,*** Baykoca B**.** Sympathetic blocks for the treatment of complex regional pain syndrome:

A case series. *Medicine*. 2018; 97(19): e0705.

25. ***Aiyer R***, Mehta N, Gungor S, Gulati A. A Systematic Review of NMDA Receptor Antagonists in the

Treatment of Neuropathic Pain in Clinical Practice*.**Clin J Pain.* 2018; 34(5): 450-467.

26.***Aiyer R***, Gulati A, Gungor S, Mehta N. A Systematic Review of Buprenorphine in the Treatment of

Chronic Pain in Clinical Practice. *Anesth Analg*. 2018; 127(2): 529-538.

27. Gungor S, ***Aiyer R***, Erkan D. Cervical epidural injection in management of refractory pain and stiffness in

spondyloarthropathy: A case report series. *Pain Pract*. 2018; 18(4): 532-538.

**2017**

28.  ***Aiyer R,*** Hwang J, Yu EH. Pyogenic odontoid osteomyelitis with sinus thrombosis. *Case Rep Radiol.* 2017;

2017:2507645.

29. Gungor S, ***Aiyer R*.** A Case of Spinal Cord Stimulator Recharging Interruption in Wound Healing.

*Neuromodulation*. 2017; 20(7): 675-677.

30. Gungor S, ***Aiyer R*.** Postoperative visual loss following cervical spinal cord stimulator removal: A case

report of conversion disorder. *Pain Manag.* 2017; 7(5): 377-381.

31. Gungor, S, ***Aiyer R***. Epidural Hematoma Development Contralateral to Dura after Lumbar Transforaminal

Epidural Steroid Injection*. Pain Manag*. 2017; 7(5): 367-375.

32. ***Aiyer R*,** Jain V, Bhatia A, Mekinulov B, Gungor S. Rare Presentation of intrathecal morphine withdrawal

psychosis*. Pain Manag*. 2017; 7(3): 171-173.

33. ***Aiyer R****,* Gungor S.A Computed Tomography-Guided Demonstration of the Unilateral Distribution of Low-

Volume Epidural Injectate.

**2016**

34*.* ***Aiyer R*,** Barkin RL, Bhatia A, Gungor S. A Systematic Review on the Treatment of Phantom Limb Pain

with Spinal Cord Stimulation. *Pain Manag*. 2016; 7(1): 59-69.

35. ***Aiyer R*,** El-Sherif Y, Voutsinas L. An Overview of Arachnoid Webs. *Journal of Neurology and*

*Neuromedicine*. 2016; 1(6): 66-68.

36. ***Aiyer R*,** Barkin RL, Bhatia A. Treatment of Neuropathic Pain with Venlafaxine: A Systematic Review.

*Pain Med*. 18(10): 2017.

37**.  *Aiyer R***, Klein D, El-Sherif Y. Rare Case of Posterior Reversible Leukoencephalopathy Syndrome

Secondary to Acute Chest Syndrome. *Case Rep Radiol*. 2016; (2016): 4346953.

38.  ***Aiyer R,***Novakovic V, Barkin RL. A systematic review on the impact of psychotropic drugs on

electroencephalogram waveforms in psychiatry. *Postgrad Med*. 2016; 128(7): 656-664.

39. ***Aiyer******R,***Seide M, Stern R*.* Valproic Acid Induced Hyperammonemia in a Long Time Treated Patient. *Case*

*Rep Psychiatry*. 2016; 2016: 6242314.

40.  ***Aiyer R,*** El-Sherif Y, Voutsinas L. Dorsal Thoracic Arachnoid Web Presenting as Neuropathic Pain:

***“***Scalpel” Sign Found on MRI. *Neuroradiol J*. 2016; 29(5):392-5.

41. Cooper M, ***Aiyer R***, Lawrence D, Sornalingam S. Does health-related content in a major Ugandan

newspaper reflect the burden of disease in East Africa? *International Journal of Communication and*

*Health*. 2016; 10: 44-52.

42.  ***Aiyer R*,** Engelman E, Xu W and Yu E. Dysphagia and anorexia as presentation ofleptomeningeal

carcinomatosis. *BMJ Case Rep*. 2016; April 12.

**2015**

43***. Aiyer R*** and Joffe RT. Deep Brain Stimulation in Treatment-Resistant Depression: A Systematic Review.

*Current Psychopharmacology.* 2015; 4(1): 10-16.

44. ***Aiyer R****.* The Pharmacologic and Non-Pharmacologic Treatment of Opioid Use Disorder. *American*

*Journal of Psychiatry – Residents Journal.* 2015; 10(1):2-4

**2014**

45.  ***Aiyer R,*** Smith H. Chronic Cough in Children. *Innovait: Royal College of General Practitioners.* 2014;

7(8):464-469.

**2013**

46. ***Aiyer R***, Sweetman K, Larsen-Disney P, Fish A. A colorectal carcinoma imitating a primary ovarian

carcinoma in a postpartum woman. *BMJ Case Rep.* 2013; November.

47.  ***Aiyer R*.** A Reflection and Comparison of Physician Training in the United States and United Kingdom.

*International Journal of Medical Students.* 2013; (1)1: 48-50.

**2011**

48***. Aiyer R***, Nath JR. Mechanisms of Cognitive and Memory Deficit in Temporal LobeEpilepsy. *New*

*Zealand Student Medical Journal*. 2011; 14:10-14.

49. Nath JR, ***Aiyer R***. Use of Hypnosis in Surgical Approaches: A Review. *Asian Student Medical Journal.*

2011; 8:1.

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| ***Book Chapter Publications (Peer-Reviewed)* - *Published*** |

**2024**

1.Neel Mehta and ***Rohit Aiyer***, Abd-Elsayed A. “Percutaneous spinal cord stimulator trial.” *Neuromodulation*

*Techniques For The Spine: A Volume in the Atlas of Interventional Pain Management Series”,* edited by Alaa

Abd-Elsayed, Elsevier, 2024, pp. 59-66.

2. ***Rohit Aiyer*.** “An overview on the anatomy of the spine”. *Decompressive Techniques: Atlas of Interventional Pain*

*Management Series’,*edited by Alaa Abd-Elsayed, Elsevier, 2024, pp. 1-12.

**2023**

3. Neel Mehta and ***Rohit Aiyer***. “Dorsal Root Ganglion and Peripheral Nerve Stimulation in the Treatment of Low

Back and Leg Pain”, *Treatment of Spine Disease in the Elderly,* edited by Kai-Ming G Fu, Michael Y Wang,

Michael S Virk, John R Dimar, Praveen Mummaneni, Springer, 2023, pp. 455-459.

4. Alaa Abd-Elsayed, ***Rohit Aiyer*** and Sarah Money. “Tranquilizers”, *Advanced Anesthesia Review,* Alaa

Abd-Elsayed, Oxford Academic, 2023, pp. 125-C47.S4.

**2022**

5. ***Rohit Aiyer*** and Semih Gungor. “Computed tomography-guided procedures for epidural injections”, *The*

*Neurobiology, Physiology and Psychology of Pain,* edited by Rajkumar Rajndram, Vinood B. Patel, Victor R.

Preedy, Colin R. Martin, Elsevier, 2022, pp. 287-297.

6. ***Rohit Aiyer,*** Ellen Johnson and Joseph Poli. “Transcutaneous Electrical Nerve Stimulation”, *Anesthesiology*

*In-Training Exam Review*,edited by Ratan Banik, Springer, 2022, pp. 347-350.

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| ***Publications (Abstracts)*** |

Patel N, Vaidyanathan A, Aiyer R. The Effect of Midazolam Sedation on Diagnostic Lumbar Medial Branch Blocks. Department of Anesthesiology, Pain Management and Perioperative Medicine. Henry Ford Health System. *American Academy of Pain Medicine (AAPM).*  February 2021.

***Aiyer R*,** Bharya JK, Stevens A. Administration of Intravenous Antibiotics in the Management of

Neutropenic Sepsis. Dept. of Medical Oncology, Queen Elizabeth Hospital, University of Birmingham.

*Reinvention Journal***.**  May 2012.

Moussa G, George A, ***Aiyer R***, Bowden T. Comparing the cost of General Anesthetic Volatile Agents at

Queen Elizabeth Hospital. Dept. of Anesthetics, Queen Elizabeth Hospital, University of Birmingham.

*Cambridge Medicine Journal*. November 2011.

***Aiyer R***, Fung AS, Tannock, I. Characterization of Repopulation after Docetaxel Chemotherapy Treatment

of Human Prostate Cells. Division of Applied Molecular Oncology, Princess Margaret Hospital and

University of Toronto. *Institute of Medical Sciences University of Toronto Research* Day.August 2008.

***Aiyer R*,** Rose KL, Fraser DD. Phosphorylation of ERK ½ in Central Cortex in Diabetic Ketoacidosis.

Dissertation for BSc (Hons) research project submitted to the Faculty of Arts and Sciences, Queen’s

University, Kingston, Ontario, Canada in 2007. *Queen’s University Life Sciences Research Day.*

6. ***Aiyer R***, Rose KL, Wang W, Thakus V, Dow KE, Fraser DD.Increased Expression of the Brain

Sodium/Hydrogen Exchanger – 1 in Diabetic Ketoacidosis***.*** *Critical Care Canada Forum.* November 2005.

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| ***International Meeting Oral Presentations*** |

***Aiyer R***, Gungor S. Transforaminal Epidural Steroid Injection for the Treatment of Persistent Radicular

Pain That Developed after DRG lead placement. Department of Anesthesiology, Pain Medicine and

Perioperative Medicine. Henry Ford Health System. **18th Annual Pain Medicine Meeting - Regional**

**Anesthesia & Pain Medicine (ASRA).** November 2019. New Orleans, USA.

***Aiyer R***, Gungor S. Epidural Hematoma Development Contralateral to Dura after Lumbar Transforaminal

Epidural Steroid Injection*.* Department of Anesthesia, New York Presbyterian Hospital, Weill Cornell

Medicine. **17th Annual Pain Medicine Meeting - Regional Anesthesia & Pain Medicine (ASRA).**

November 2018. San Antonio, USA.

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| ***International Meeting Poster Presentations*** |

1. Roytman M, Chazen JL, Joshi J, Mauer E, ***Aiyer R.*** Use of MRI in Assessing Gaps in Ligamentum

Flavum in Planning for Cervical Epidural Steroid Injections. *24th Annual Symposium of the American*

***Society of Spine Radiology.* February 2021.**

2.Patel N,Nerusu L, John J, Tandron M, Dailey W, Jacobs D, Pahuta M, Forrest P, Sibai N, ***Aiyer R.***

Kyphoplasty and Vertebroplasty: A Systematic Review of Clinical Studies for Height Restoration in

Osteoporotic Vertebral Compression Fractures. **PAINWeek.** September 2020. Las Vegas, USA.

3. ***Aiyer R,*** Gungor S. Thoracic Paravertebral Block as an Alternative to Stellate Ganglion Block for CRPS: A

Case Series. Department of Anesthesiology, Pain Medicine and Perioperative Medicine. Henry Ford Health

System. **North American Neuromodulation Society (NANS).** January 2020. Las Vegas, USA.

4. ***Aiyer R*,** Gungor S**.** A Case of Spinal Cord Stimulator Recharging Interruption in Wound Healing.

Department of Anesthesia, New York Presbyterian Hospital, Weill Cornell Medicine. **North American**

**Neuromodulation Society (NANS).** January 2019. Las Vegas, USA.

5. Gungor S, Fields K, ***Aiyer R***. Persistent post-surgical pain risk after total knee arthroplasty: A

retrospective study. Department of Anesthesia, Weill Cornell Medical College and Department of Psychiatry,

Hofstra Northwell Health – Staten Island University Hospital. **World Congress on Regional Anesthesia &**

**Pain Medicine (ASRA).**April 2018. New York, USA.

6. ***Aiyer R*,** Gungor S. Treatment of CRPS Type-1 with Sympathetic Blocks: A Case Series. Department of

Anesthesia, Weill Cornell Medical College and Department of Psychiatry, Hofstra Northwell Health –

Staten Island University Hospital. **American Society of Interventional Pain Physicians (ASIPP).**March

2018. Orlando, USA.

7. ***Aiyer R,*** El-Sherif Y, Voutsinas L. Dorsal Thoracic Arachnoid Web Presenting as Neuropathic Pain:

“Scalpel” Sign Found on MRI. Department of Psychiatry, Neurology and Radiology, Hofstra Northwell

Health – Staten Island University Hospital. **American Academy of Pain Medicine (AAPM) Annual**

**Meeting.**March 2017. Orlando, USA.

8. Moussa G, George A, ***Aiyer R***, Bowden T. Comparing the cost of General Anesthetic Volatile Agents at

Queen Elizabeth Hospital. Dept. of Anesthetics, Queen Elizabeth Hospital, University of Birmingham.

**Zagreb International Medicine Summit.** November 2011. Zagreb, Croatia.

9**. *Aiyer R*,** Bharya JK, Stevens A. Administration of Intravenous Antibiotics in the Management of

Neutropenic Sepsis*. –* Dept. of Oncology, Queen Elizabeth Hospital, University of Birmingham. **Warwick**

**Undergraduate Medical Research National Conference.** October 2011. Coventry, United Kingdom.

10. ***Aiyer R***, Fung AS, Tannock I. Characterization of Repopulation after Docetaxel Chemotherapy Treatment

of Human Prostate Cells ***–*** Division of Applied Molecular Oncology, Princess Margaret Hospital and

University of Toronto**. Institute of Medical Science (IMS) - University of Toronto Research Day**.

August 2008. Toronto, Canada.

11. ***Aiyer R***, Rose KL, Wang W, Thakus V, Dow KE, Fraser DD.Increased Expression of the Brain

Sodium/Hydrogen Exchanger – 1 in Diabetic Ketoacidosis. **Canada Critical Care Forum (CCCF).**

November 2005. Toronto, Canada.

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| ***Clinical Trial Investigator*** |

1. A Phase III study to investigate two initial administrations of XXX in treatment-resistant depression

* + - 1. A Multicenter, Randomized, Double-blind, Placebo-controlled Study to Assess the Efficacy and Safety of XXX in the Acute Treatment of Patients with Manic Episodes or Manic Episodes with Mixed Features Associated with Bipolar I Disorder (Bipolar Mania).

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| ***Media Citations of Research Work*** |

1. “Jury Still Out on Best Settings, Duration of Ultrasound Treatment for Chronic Joint Pain”. *Medscape.* June 8,

2019.

* + - 1. “Risk for Chronic Pain After Total Knee Arthroplasty Higher than Previously Reported”. *Pain Medicine News*. September 15, 2018.

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| ***Editorial Board Member*** |

1*.*  *Regional Anesthesia & Pain Medicine* (2021-current)

2. *Pain Medicine* (2021-current)

3. *Journal of Pain Research* (2020-current)

4. *Pain Physician* (2018-current)

5. *Pain Practice* (2019-current)

6. *Korean Journal of Pain* (2018-current)

7. *Pain Management* (2019-current)

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| ***Journal Peer Reviewer*** |

1. *Global Spine Journal* (2021-current)
2. *Clinical Journal of Pain (2020-current)*
3. *Anesthesia & Analgesia (2020-current)*
4. *British Medical Journal (BMJ) Case Reports (2018-2019)*
5. *The Medical Letter (2018)*
6. *Canadian Medical Association Journal (2018)*

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| ***Awards and Scholarships*** |

2015 Academic Resident Excellence Award – Hofstra Northwell Health – Donald and Barbara Zucker School

of Medicine - Staten Island University Hospital (Staten Island, New York)

2008Institute of Medical Sciences (IMS) Research Scholarship – University of Toronto (Toronto, Canada)

2005 Child Health Research Institute (CHRI) Research Scholarship – Western University (London, Canada)

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| ***Professional Society Committee Appointments*** |

2024 – Current

* Pacific Spine & Pain Society Research and Scientific Committee Member

2020 – Current

* North American Neuromodulation Society (NANS) Education Committee Member

2020- Current

* American Society of Pain and Neuroscience (ASPN) Leadership Council Member

2019- 2021

* American Society of Regional Anesthesia (ASRA) Resident Section Committee Member

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| ***Professional Society Memberships*** |

1. American Academy of Pain Medicine (AAPM)
2. American Psychiatric Association (APA)
3. American Society of Pain & Neuroscience (ASPN)
4. American Society of Regional Anesthesia (ASRA)
5. North American Neuromodulation Society (NANS)

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| ***Clinical Educational Activities*** |

2019-2021

***Henry Ford Health System and Wayne State School of Medicine – Detroit, MI***

* Clinical Teacher in the Pain Medicine Clinic
* Involved in teaching and giving lectures in Pain Medicine to Henry Ford Health System Pain Medicine

Fellows, Anesthesia Residents and Wayne State School of Medicine medical students

* Research Mentor for Wayne State School of Medicine medical students

2014-2016

***Hofstra Northwell Health – Zucker School of Medicine – Staten Island University Hospital***

**– *Staten Island, NY***

* Clinical Resident Teacher
* Initiated clinical teaching for medical students on inpatient psychiatric unit during PGY-2 academic year.

Taught history taking and clinical mental status exam skills

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| ***Interventional Pain Management Cadaver Workshops and Courses (Attendance and Active Participant)*** |

2020 – Medtronic – Kyphon Balloon Kyphoplasty Physician Training - Certified

2019 – Spine Intervention Society (SIS) – Lumbar Bio-Skills Lab

2019 – Boston Scientific Fellows Spinal Cord Stimulation Cadaver Lab and Workshop - Certified

2019 – Nevro National Advanced Implanter Cadaver Course

2019 – North American Neuromodulation Hands-On Cadaver Course for Pain Fellows

2018 – Abbott Fundamentals in Neuromodulation Program

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| ***International Elective Clinical Rotations*** |

2010 ***WEMA Nursing Home and Maternity Clinic***

Nairobi, Kenya

* Supervised by Dr. George Guto, Director of WEMA

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| ***Volunteer Work (Community Service)*** |

2005-2006 ***Pueblito Orphanage***

Cartago, Costa Rica

* *Cross-cultural Solutions Insight Abroad Program*