

# PROFESSIONAL SUMMARY

I am double board certified by the American Board of Medical Specialties in Neurology and Pain Management with additional training in Sports Neurology. I hold licenses in California, Michigan, Florida, Arizona, and New York. I am highly skilled and experience in interventional pain management procedures and general neurology. I have published peer-reviewed medical literature as well as given numerous presentations and national academy meetings. I have experience in a variety of clinical settings ranging from busy private practice to academia. I have experience in developing a successful virtual-first pain management and neurology clinic in California in a highly competitive market. Finally, I have experience in a variety of medical legal work including providing independent medical exams, record review, and depositions. My interests include lifestyle based solutions towards common neurological and pain management conditions as well as medtech and digital health solutions for practical and measurable outcomes.

## **EXPERIENCE**

November 2022 - Current

Per-Diem Pain Management Physician Kaiser Permanente | Carson, California

• Per Diem interventional pain management physician.

January 2020 - Current Independent Contractor Pain Physic

HKLA NeuroPain | Los Angeles, CA

Independent Contractor Pain Physician and Neurologist

• Provide interventional pain management as well as neurology clinical services.

- Frovide interventional pair management as well as neurology clinical services.
- Offer med-legal expertise in both pain management and neurology. Legal work includes independent medical examinations, qualified medical evaluator examinations, record review, insurance authorization work.

January 2020 - Current

Neurologist/Interventional Pain Physician

Synergex Med | Long Beach, CA

- Co-Founded virtual first pain management and neurology practice.
- Has grown to 17 providers.
- Http://www.synergexmed.com.

January 2021 - July 2021

Interventional Pain and Neurology

The Spine and Orthopedic Center | Santa Barbara, CA

- Interventional Pain Management Physician
- Neurologist

January 2019 - January 2020

Neurologist

Advanced Center of Neurology and Headache | Santa Clarita, CA

Consulting neurologist focused on TBI and Headache.

July 2018 - January 2020

Interventional Pain Physician

Advanced Pain Management/Santa Clarita Surgery Center LA | CA

 High volume pain management practice involving medication management as well as advanced interventional procedures.

July 2017 - July 2017

Attending Physician

University Pain Clinic, Harper University Hospital/Detroit Medical Center, Interventional Pain Attending | Detroit, MI

January 2006 - January 2007

**Resource Center** 

Michigan State University, Learning Resources Center | East Lansing, MI

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June 2018	Kerlan-Jobe Orthopedic Clinic, Los Angeles, CA

Sports Neurology/Concussion Fellowship

July 2017 Wayne State University/Detroit Medical Center,

Detroit, MI

ACGME-accredited Anesthesia Pain Medicine

Fellowship with the Department of Anesthesiology.

June 2016 Adult Neurology

Henry Ford Hospital Department of Neurology,

Detroit, MI

June 2013 St. Mary Mercy Hospital, Livonia, MI

ACGME/AOA Transitional Year/Internal Medicine

Internship

May 2012 Doctor of Osteopathic Medicine (D.O.)

Michigan State University, East Lansing, MI

May 2008 Undergraduate Degree - Human Biology

Michigan State University College, East Lansing, MI

### **AFFILIATIONS**

American Osteopathic Association 2008 – present American Academy of Neurology 2013 – present North American Neuromodulation Society 2015 – present

# ADDITIONAL INFORMATION

 AWARDS/RECOGNITION, The Michigan Association of Physicians from India Endowed Scholarship 2010 Clinical Learning Environment Review Committee 2016 ACADEMIC APPOINTMENTS Michigan State Univ. Osteopathic Medicine Clinical Faculty 2012- Present EXAMS, LICENSURE, , AND BOARD CERTIFICATION , Permanent Medical License, State of Michigan #5101019962 Expiry 12/31/2020 Permanent Medical License, State of California #15212 Expiry 09/30/2021 California Qualified Medical Examiner (Q.M.E.) 11/2020- Present Permanent Medical License, State of Florida # OS 17036 Expiry 03/31/2022 Permanent Medical License, State of New York #306558

### SOCIAL MEDIA

https://www.linkedin.com/in/hkavesh/ https://www.instagram.com/dr.hirsh

# EXAMS LICENSURE AND BOARD CERTIFICATIONS

Permanent Medical License, State of Michigan #5101019962 Permanent Medical

License, State of California #15212

Permanent Medical License, State of Florida # OS 17036 Permanent Medical

License, State of New York #306558

Permanent Medical License, State of Arizona #009822

2016 Neurology Residency In-Service Training Exam 90th percentile

American Board of Psychiatry and Neurology Neurology Certification

American Board of Psychiatry and Neurology Pain Medicine Certification

California Department of Health Fluoroscopy Supervisor Permit

## RESEARCH EXPERIENCE

### Publications:

- 1. Loomba Vivek MD, Kaveeshvar Hirsh DO, Upadhyay Aman MD, Sibai Nabil MD: Neuropathic Pain in Cancer Patients: A Brief Review. Indian Journal of Cancer, July-September 2015, Volume 52, Issue 3.
- 2. Kaveeshvar Hirsh DO Kashouty Rabih MD, Yono Noor MD, Pure Transient Global Amnesia in Aortic Dissection. Cardiovascular Journal of Africa, November 2015, Volume 26, Issue 6. PMID: 26659651.
- 3. Loomba Vivek MD, , Upadhyay Aman MD, Kaveeshvar Hirsh DO: Radiofrequency Ablation of the Sphenopalatine Ganglion using Cone Beam Computed Tomography for Intractable Cluster Headache. Pain Physician, September 2016, Volume 19, Issue 7.
- 4. Loomba Vivek MD, Kaveeshvar Hirsh DO, Dwivedi Samvid DO: Paraplegia After Thoracic Epidural Steroid Injection. Anesthesia and Analgesia Case Reports, September 2016, Volume 7, Issue 6. PMID: 27536909

#### Poster Presentations:

- Loomba Vivek MD, Kaveeshvar Hirsh DO, Upadhyay Aman MD: Radiofrequency Ablation of the Sphenopalatine Ganglion using Cone Beam CT: ASRA Annual Regional Anesthesiology and Acute Pain Medicine Meeting May, 2015 Las Vegas, Nevada
- 2. Ahmad Omar MD, Ibrahim Elmoataz MD, Kaveeshvar Hirsh DO, Dayyoub Tammam MD, Siddiqi Ahmad MD, Yousef Asad MD: Improving MyChart Enrollment. Henry Ford Hospital Quality Improvement Expo October 2015, Detroit, MI
- 3. Kaveeshvar Hirsh DO, Loomba Vivek, MD: Pain as Presenting Symptom of Primary Progressive Multiple Sclerosis. Henry Ford Hospital Medical Education Research Forum February 2016, Detroit, MI

#### Academic Presentations:

- 1. Cohen, Steven P., et al. "Epidural Steroid Injections, Conservative Treatment, or Combination Treatment for Cervical Radicular Pain: A Multicenter, Randomized, Comparative-effectiveness Study." Anesthesiology 121.5 (2014): 1045-1055. (Presented by Kaveeshvar Hirsh DO, December 2014 Henry Ford Hospital Department of Neurology Journal Club).
- 2. "Cervical radicular pain: A Review of our options". (Presented by Kaveeshvar Hirsh DO, November 2014 Henry Ford Hospital Department of Pain Medicine Journal Club).
- 3. "Neuropharmacology/toxicology/genetics subject review". (Presented by Kaveeshvar Hirsh DO, December 2014 Henry Ford Hospital Department of Neurology Residency In-service Training Exam Review Series).
- 4. "Electrodiagnostic evaluation of neuromuscular junction disorders": (Presented by Kaveeshvar Hirsh DO Neuromuscular Conference, January 2015, Henry Ford Hospital, Department of Neurology).
- 5. "Basic Pain Pharmacology": (Presented by Kaveeshvar Hirsh DO Neuropharmacology series, January 2015, Henry Ford Hospital, Department of Neurology).
- 6. "Neonatal Stroke": (Presented by Kaveeshvar Hirsh DO Pediatric neurology series, May 2015, Henry Ford Hospital, Department of Neurology).
- 7. "Visual System": (Presented by Kaveeshvar Hirsh DO Neuroanatomy series, November 2015, Henry Ford Hospital, Department of Neurology).
- 8. "Neurocutaneous Syndrome": (Presented by Kaveeshvar Hirsh DO Pediatric Neurology Series, January 2016, Children's Hospital of Michigan, Department of

## Pediatric Neurology).

- 9. "Neuralgic Amyotrophy" (Presented by Kaveeshvar Hirsh DO Clinical Neurophysiology Journal Club, February 2016, Henry Ford Hospital, Department of Neurology).
- 10. "The Role of Exercise in Neurological Disease" (Presented by Kaveeshvar Hirsh DO Neuroscience Grand Rounds, March 2016, Henry Ford Hospital, Department of Neurology and Neurosurgery).
- 11. "Cortical Neurostimulation for Neuropathic Pain: State of the Art and Perspectives" (Presented by Kaveeshvar Hirsh DO Department of Pain Medicine Journal Club, August 2016, Wayne State University/Detroit Medical Center, Department of Anesthesiology and Pain Medicine).
- 12. "Intrathecal Drug Delivery" (Presented by Kaveeshvar Hirsh DO Department of Pain Medicine Pharmacology Series, August 2016, Wayne State University/Detroit Medical Center, Department of Anesthesiology and Pain Medicine).
- 13. "Thoracic Paraplegia after Epidural Steroid Injection" (Presented by Kaveeshvar Hirsh DO Department of Pain Medicine Morbidity and Mortality Series, September 2016, Wayne State University/Detroit Medical Center, Department of Anesthesiology and Pain Medicine).
- 14. "Surgery versus Physical Therapy for a Meniscal Tear and Osteoarthritis" (Presented by Kaveeshvar Hirsh DO, Department of Pain medicine Journal Club, September 2016, Wayne State University/Detroit Medical Center, Department of Anesthesiology and Pain medicine).
- 15. "Pain Emanating from the Neck" (Presented by Kaveeshvar Hirsh DO Department of Pain Medicine Lecture Series, October 2016, Wayne State University/Detroit Medical Center, Department of Anesthesiology and Pain Medicine).
- 16. "Capsaicin 8% Patch for Lumbosacral Pain" (Presented by Kaveeshvar Hirsh DO Department of Pain Medicine, November 2016, Wayne State University/Detroit Medical Center, Department of Anesthesiology and Pain medicine).
- 17. "Cosmetic Neurology" (Presented by Kaveeshvar Hirsh DO Department of Sports Neurology and Pain Medicine, June 2018, Cedars-Sinai Kerlan Jobe Institute).
- 18. "The Role of Exercise in Neurological Disease" (Presented by Kaveeshvar Hirsh DO Department of Sports Neurology and Pain Medicine, June 2018, Cedars-Sinai Kerlan Jobe Institute).