

M. Alice Vijjeswarapu, MD

**Curriculum Vitae**

March 23, 2021

**Professional Contact Information**

444 San Vicente Blvd, 1101  
Los Angeles, CA 90048  
(310) 423-7404

**Education**

Bachelor of Science, B.S. in Biophysics, Cum Laude 09/2004-06/2008  
University of California, Los Angeles

Doctor of Medicine, M.D. 08/2008-05/2012  
Boston University School of Medicine

Preliminary Medicine Internship 06/2012-06/2013  
Steward Carny Hospital/Tufts University School of Medicine

Anesthesiology Resident 07/2013-06/2015  
Brigham and Women's Hospital/Harvard Medical School

Anesthesiology Chief Resident 07/2015-06/2016  
Brigham and Women's Hospital/Harvard Medical School

Interventional Pain Medicine Fellow 08/2016-07/2017  
Brigham and Women's Hospital/Harvard Medical School

**Licensure**

California Full Medical License - 266053  
Massachusetts Full Medical License – A147375  
California Fluoroscopy License – RHC 00203366

**Board Certification**

American Board of Anesthesiologists, Anesthesiology  
American Board of Anesthesiologists, Pain Medicine

**Professional Experience**

**Present Position:**

Director, Acute Pain Anesthesia 11/2020-present  
Cedars-Sinai Medical Center

Assistant Professor of Anesthesiology 05/2019- present

Cedars-Sinai Medical Center	
Associate Program Director, Pain Medicine Fellowship Cedars-Sinai Medical Center	09/2018-present
Regional Anesthesiology/Acute Pain Fellowship Faculty Cedars-Sinai Medical Center	08/2017-present
Anesthesiologist/Pain Management Physician Cedars-Sinai Medical Center	08/2017-present
Hospice and Palliative Medicine Fellowship Faculty Cedars-Sinai Medical Center	07/2019- present
<b>Previous Positions:</b>	
Anesthesiologist Brigham and Women's Hospital/Harvard Medical School	07/2016-07/2017
Assistant Program Director, Pain Medicine Fellowship Cedars-Sinai Medical Center	01/2018-08/2018
<b>Committee Services:</b>	
Marina-Bizzari Schmidt Compassionate Care Award Committee Brigham and Women's Hospital/Harvard Medical School	01/2017-07/2017
Pain Specialty Working Group Cedars-Sinai Medical Center	01/2018- 01/2019
Medical Staff Leadership Development Program Cedars-Sinai Medical Center	09/2018-09/2019
Advanced Physician Leadership Development Program Cedars-Sinai Medical Center	09/2019-present
Quality Council Opioid & Polypharmacy Stewardship Project Co-Team Leader Cedars-Sinai Medical Center	08/2019-present
Pain Center Optimization Operational Committee Cedars-Sinai Pain Center	08/2019-present
Cedars-Sinai Cancer Committee Cedars-Sinai Medical Center	02/2020- present
California Society of Anesthesiology Pain Medicine Committee Los Angeles, CA	07/2020- present

Pain Medicine Fellowship Clinical Competency Committee  
Cedars-Sinai Medical Center 08/2018-present

Regional Anesthesia/Acute Pain Fellowship Clinical Competency Committee  
Cedars-Sinai Medical Center 08/2018-present

Anesthesia Performance Improvement Committee (PIC)  
Cedars-Sinai Medical Center 02/2021-present

**Professional Associations/Society Memberships:**

American Society of Anesthesiologists, ASA	Active
North American Neuromodulation Society, NANS	Active
California Society of Anesthesiologists, CSA	Active
American Society of Regional Anesthesia and Pain Medicine	Active

**Community Services:**

Youth Employment and Development Program  
Cedars-Sinai Medical Center 10/2018-present

Cedars-Sinai Pre-Med Volunteer Program  
Cedars-Sinai Medical Center 10/2020-present

**Honors and Special Awards**

Graduation with Honors, Cum Laude, University of California, Los Angeles, Department of Physics and Astronomy

Patient Safety Project of the Year, Steward Carney Hospital/Tufts University School of Medicine- 2013

Chief Anesthesiology Resident, Brigham and Women's Hospital/Harvard Medical School- 2016

Distinction in Research, Brigham and Women's Hospital/Harvard Medical School- 2016

Distinction in Education, Brigham and Women's Hospital/Harvard Medical School- 2016

Excellence in Teaching Award, Cedars-Sinai Medical Center - 2020

**Research Focus and Interests**

My research interests have spanned basic science to clinical. My current interests include interdisciplinary team interactions, as well as pharmacologic and non-pharmacologic opioid limiting pain management techniques.

**Research Grants and Fellowships Received**

Active/Ongoing

Project Period: 10/1/2019-5/14/2024

Funding Source: Department of Defense subcontract from UC San Diego

Title: Ultrasound-Guided Percutaneous Peripheral Nerve Stimulation: A non-Pharmacologic Alternative or the Treatment of Postoperative Pain

Role: Principal Investigator

### **Ongoing Research:**

Title: The Role of Virtual Reality During Regional Anesthesia

Role: Principal Investigator

Title: Implications of COVID-19 pandemic restrictions on opioid and benzodiazepine prescribing based on state required Controlled Substance Utilization Review and Evaluation System (CURES) data

Role: Principal Investigator

Title: Development of Effective, Opioid Sparing Techniques for Peri-operative Pain Management of Transgender Patients Undergoing Gender Affirming Surgeries

Role: Co-investigator

### **Invited Lectures and Presentations**

1. Romero Reyes M, Vijjeswarapu MA, Nguyen E, Charles A. *Interaction between ATP and Capsaicin-evoked Signaling in Trigeminal Neurons and Glia*. Presented at: American Academy of Orofacial Pain Annual Meeting; Orlando, FL. 2008.
2. Vijjeswarapu MA, Kuo A, Philip J. *Inhalational Induction for Difficult Airway, Factors Affecting Spontaneous Airway Recovery After Obstruction: A Computational Simulation*. Presented at the International Anesthesia Research Society (IARS) Annual Meeting; Montreal, Canada. 2014
3. Chau A, Vijjeswarapu MA, Hickey M, Acker D, Chuan-Chin H, Tsen L. *Cross-Discipline Perceptions of Interdisciplinary Rounding as a Method of Teamwork and Patient Safety in an Academic, Tertiary Care Labor and Delivery Unit*. Presented at the Society for Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting; Colorado Springs, CO. 2015.
4. Lazaridou M, Buliteanu A, Vijjeswarapu MA, Teodosiadis A, Dorado K, Edwards RE, Schreiber KL. (2017) *Ecological Momentary Assessment of the Relationships between Sleep Affliction, Neuroendocrine Response, and Allodynia in Fibromyalgia Patients: The Impact of Daily Yoga Based Exercise (ASANA)*. Presented at the American Pain Society Annual Meeting; Pittsburg, PA. 2017.
5. Vijjeswarapu, MA, Milam A, *Opioid Medication Safety*. Graduate Medical Education 2018 New Housestaff Orientation. Cedars-Sinai Medical Center. June 21, 2018.
6. Vijjeswarapu, MA, Milam A, *Opioid Medication Safety*. Graduate Medical Education 2018 New Housestaff Orientation. Cedars-Sinai Medical Center. July 2, 2018.
7. Vijjeswarapu, MA. *Spine Pilot Overview and Implementation*. Department of

- Anesthesiology- Grand Rounds. Cedars-Sinai Medical Center. July 8, 2018.
8. Vijjeswarapu, MA, Milam A, *Opioid Medication Safety*. Graduate Medical Education 2018 New Housestaff Orientation. Cedars-Sinai Medical Center. August 1, 2018.
  9. Vijjeswarapu, MA. *Spine Pilot Overview and Implementation*. Department of Orthopedic Surgery. Cedars-Sinai Medical Center. August 10, 2018.
  10. Vijjeswarapu, MA, Milam A, *Opiates for Inpatient Analgesia: Safe Prescribing, Storage, and Disposal*. MD/RN 8-South Conference. Cedars-Sinai Medical Center. August 16, 2018
  11. Vijjeswarapu, MA. *Spine Pilot Overview and Implementation*. Department of Neurosurgery. Cedars-Sinai Medical Center. August 24, 2018.
  12. Vijjeswarapu, MA, Milam A, *Opiates for Inpatient Analgesia: Safe Prescribing, Storage, and Disposal*. MD/RN 8-North Conference. Cedars-Sinai Medical Center. September 20, 2018.
  13. Vijjeswarapu, MA, Milam A, Thom D, *Opiates for Inpatient Analgesia: Safe Prescribing, Storage, and Disposal*. MD/RN 6-Northwest Conference. Cedars-Sinai Medical Center. October 5, 2018.
  14. Vijjeswarapu, MA, Milam A, Thom D, *Opiates for Inpatient Analgesia: Safe Prescribing, Storage, and Disposal*. MD/RN 5-South Conference. Cedars-Sinai Medical Center. October 10, 2018.
  15. Vijjeswarapu, MA. *Pelvic Pain: New Treatments*. Obstetrics and Gynecology: Grand Rounds. Cedars-Sinai Medical Center. December 12, 2018.
  16. Vijjeswarapu, MA. *Pelvic Pain: An Overview*. Cedars-Sinai Pain Center. December 4, 2019
  17. Vijjeswarapu, MA. *Perioperative Management of Buprenorphine*. Regional Anesthesia/Acute Pain Fellowship Journal Club. Cedars-Sinai Medical Center. December 11, 2019.
  18. Vijjeswarapu, MA. *Interventional Pain Procedures for Pelvic Pain*. Cedars-Sinai Pain Center. January 8, 2020
  19. Vijjeswarapu, MA. *Pain-Centric: Enhanced Recover After Spine Surgery (ERAS)*. Cedars-Sinai 19<sup>th</sup> Annual Symposium on current Concepts in Spinal Disorders. Las Vegas, Nevada. February 1, 2020.
  20. Vajdi T, Lee P, Vijjeswarapu M., *Complex Inpatient Pain Management in a Critically Ill Lung Transplant Recipient*. 44<sup>th</sup> Annual American Society of Regional Anesthesia

and Pain Medicine Annual Meeting. Las Vegas, Nevada. April 13,2019. (Poster Presentation by Dr. Vajdi)

21. Massey C, Vijjeswarapu MA. *Multiple Sclerosis Presenting in a 50-year-old female after intrathecal pump placement*. 18<sup>th</sup> Annual Pain Medicine Meeting (ASRA 2019). New Orleans, LA. November 16, 2019. (Poster Presentation by Dr. Massey)
22. Massey C, Sisco D, Vijjeswarapu MA, Carcamo V, Harmik S. *Redo Diaphragmatic Plication by Video-Assisted Thoroscopic Surgery: Indication for Thoracic Epidural Under General Endotracheal Anesthesia*. Society of Cardiovascular Anesthesiologists Thoracic Symposium. 2020. (Poster Presentation date deferred)
23. Vajdi T, Vijjeswarapu MA. *Perioperative Management of a Displaced Intrathecal Pump Catheter in a Patient Presenting for a Lumbar Laminectomy*. ANESTHESIOLOGY 2020. American Society of Anesthesiologists Annual Meeting. October 2-5<sup>th</sup>, 2020.
24. Kim J, Vijjeswarapu MA, Tou E, Zhang V, Silberman A. *An Unusual Presentation of a Spinal Epidural Hematoma after a Thoracic Epidural Placement*. ANESTHESIOLOGY 2020. American Society of Anesthesiologists Annual Meeting. October 2-5<sup>th</sup>, 2020.
25. Ilfeld BM, Plunkett A, Vijjeswarapu AM, Hackworth R, Dhanjal S, Turan A, Cohen SP, Eisenach JC, Griffith S, Hanling S, Sessler DI, Mascha EJ, Yang D, Boggs JW, Wongsarnpigoon A, Gelfand H. Percutaneous peripheral nerve stimulation (Neuromodulation) for the treatment of postoperative pain: A multicenter, randomized, double-masked, sham-controlled pilot study [abstract]. *Annual Regional Anesthesiology and Acute Pain Medicine Meeting 2021*: 1611
26. Kim J, Vijjeswarapu M, Tou E, Zhang V, Silberman A. “An Unusual Presentation of a Spinal Epidural Hematoma After a Thoracic Epidural Placement.” *Annual Regional Anesthesiology and Acute Pain Medicine Meeting 2021*.
27. Pouldar T, Vajdi T, Zaidi S, Kim T, Vijjeswarapu MA. “Simultaneous Intrathecal Pump Implantation with Thoracolumbar Laminectomy and Tumor Debulking.” *Annual Regional Anesthesiology and Acute Pain Medicine Meeting 2021*.
28. Vijjeswarapu MA. “Pain Management.” *The American Chronic Pain Association (ACPA)*. February 24, 2021.

### **Teaching Activities**

#### **Clinical Teaching**

Intraoperative mentoring and teaching program- Brigham and Women’s Hospital/Harvard Medical School- 08/2015

Daily intraoperative teaching for residents- Brigham and Women's Hospital/Harvard Medical School 07/2016-07/2017

Daily intraoperative teaching for residents, medical students, and fellows- Cedars-Sinai Medical Center- 09/2017 to present

Daily intraoperative Ultrasound and Fluoroscopy guided procedural teaching- Cedars-Sinai Medical Center- 09/2017 to present

Daily rounds/bedside teaching for residents, medical students, and fellows- Cedars-Sinai Medical Center- 10/2017 to present

### **Non-Clinical Teaching**

Anesthesiology BASIC exam Board Review, Brigham and Women's Hospital/Harvard Medical School, 09/2015

Daily Morning Conference lectures and journal club- Brigham and Women's Hospital/Harvard Medical School – 08/2016-07/2017

Morning Journal Club, Regional Anesthesia, Cedars-Sinai Medical Center- 09/2017 to present

Morning Didactics- Inpatient Chronic Pain Service- 10/2017 to present

Oral Board Review- Inpatient Chronic Pain Service- 10/2017 to present

Simulation: Epidural Placement and Management. Cedars-Sinai Medical Center. 05/2018 to present

Morning Board Review- Pain Medicine Fellowship- 01/2018 to present

### **Bibliography and Publications**

#### **Peer-reviewed journals**

1. Farraye FA, Nimitphong H, Stucchi A, Dendrinis K, Boulanger AB, **Vijjeswarapu A**, Tanenbaum A, Biancuzzo R, Chen TC, Holick MF. *Inflammatory Bowel Diseases*. "Use of a novel vitamin d bioavailability test demonstrates that vitamin D absorption is decreased in patients with quiescent Crohn's disease." 2011 Oct;17(10):2116-21.
2. Romero-Reyes M, Akerman S, Ngyen E, **Vijjeswarapu A**, Hom B, Dong H, Charles A. *Headache*. "Spontaneous behavioral responses in the orofacial region: A model of trigeminal pain in mouse." 2013 Jan;53(1):137-51.

3. Kuo AS, **Vijjeswarapu MA**, Philip JH. *Anesthesia and Analgesia*. “Incomplete Spontaneous Recovery from Airway Obstruction During Inhaled Anesthesia Induction: A Computational Simulation.” 2016 Mar;122(3): 698-705. PMID:26745755
4. Chau A, **Vijjeswarapu MA**, Hickey M, Acker D, Huang CC, Tsen L. *Anesthesia and Analgesia*. “Cross-disciplinary Perceptions of Structured Interprofessional Rounds in Promoting Teamwork within an Academic, Tertiary Care Obstetric Unit.” 2017 Feb 24. PMID:28244949
5. Vajdi T, Lee P, **Vijjeswarapu MA**. Complex Inpatient Pain Management in a Critically Ill Lung Transplant Recipient: A Case Report. *Case Reports in Clinical Medicine*. June 24, 2019. Vol.08 No.06(2019), Article ID:93187,7 pages DOI: [10.4236/crcm.2019.86019](https://doi.org/10.4236/crcm.2019.86019)
6. Ilfeld BM, Gelfand H, Dhanjal S, Hackworth R, Plunkett A, Turan A, **Vijjeswarapu AM**, Cohen SP, Eisenach JC, Hanling S, Mascha EJ, Sessler DI. Ultrasound-guided percutaneous peripheral nerve stimulation: A pragmatic effectiveness trial of a non-pharmacologic alternative for the treatment of postoperative pain. *Pain Med*, 2020. PMID: 3313729
7. Ilfeld BM, Plunkett A, Vijjeswarapu AM, Hackworth R, Dhanjal S, Turan A, Cohen SP, Eisenach JC, Griffith S, Hanling S, Sessler DI, Mascha EJ, Yang D, Boggs JW, Wongsarnpigoon A, Gelfand H. Percutaneous peripheral nerve stimulation (Neuromodulation) to treat postoperative pain: A randomized, sham-controlled pilot study. *Anesthesiology*, In Press. PMID: pending

### Non-Peer-Reviewed Publications

1. **Vijjeswarapu MA**, Morris A, Lander H, Tillquist M, Wang H, Malapero R, Anand N. “Resident-Led Physician Anesthesiologists Week at Brigham and Women’s Hospital.” *American Society of Anesthesiologists (ASA) NEWSLETTER*. May 2015.
2. **Vijjeswarapu, MA**. “The Next Generation: Getting to the Core of Anesthesiology.” Brigham and Women’s Hospital (BWH) Clinical and Research News. January 2017. <https://bwhclinicalandresearchnews.org/2017/01/04/the-next-generation-getting-to-the-core-of-anesthesiology/>

### Book Chapters

1. **Vijjeswarapu MA**, Ross E. *Pain Medicine: An Essential Review*. “Lumbar Facet Block.” Springer Science + Business Media, LLC, New York. 2017.
2. Ross EL, **Vijjeswarapu MA**, Sundararaman LV. *Bonica’s Management of Pain, Fifth Edition*. “Cancer-Related Visceral Pain.” Lippincott, Williams and Wilkins. 2018.



3. Ross EL, Sundararaman LV, **Vijjeswarapu MA**. *Bonica's Management of Pain, Fifth Edition*. "Cancer-Related Bone Pain." Lippincott, Williams and Wilkins. 2018.
4. **Vijjeswarapu MA**, Rathmell JP. *Massachusetts General Hospital Handbook of Pain Management, 4<sup>th</sup> Edition*. "Radiation Safety." Lippincott, Williams and Wilkins. 2020.