

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

CURRICULUM VITAE

1. Personal history or biographical sketch

1. Assistant Professor, Anesthesiology – University of Colorado (2017 – Present)
2. Office phone: 720-848-1970

2. Education

- Georgia Institute of Technology – B.S. Electrical Engineering (2001-2004)
- Mercer University SOM – M.D. (2005-2009)
- University of Virginia SOM – Transitional Internship (2009-2010)
- University of Virginia SOM – Anesthesiology Residency (2010-2013)
- Harvard University/Brigham and Women’s Hospital – Pain Medicine Fellowship (2014-2015)

3. Academic appointments

- Assistant Professor – University of Virginia SOM (2013 – 2014)
- Assistant Professor – University of Colorado SOM (2017 – Present)

4. Hospital, government or other professional positions

1. Staff Pain Physician/Anesthesiologist – Northside Anesthesiology Consultants (2015-2017)

5. Honors, special recognitions and awards

- 5280 Magazine – Top Docs 2020 – Pain Medicine
- ASA Resident Research Competition – 3rd place, Clinical Studies
- Young Scientist Award - University of Virginia
- Brian Korbon Award - UVA Department of Anesthesiology

6. Membership in professional organizations

- American Society of Anesthesiology (2009 – Present)
- American Society of Regional Anesthesia (2010 – Present)
- Spine Intervention Society (2014 – Present)
- World Association of Pain Medicine United (2019 – Present)
- North American Neuromodulation Society (2018 – Present)
- American Interventional Headache Society (2016 – Present)
- Society for Education in Anesthesia (2019 – Present)

7. Major Committee and Service Responsibilities

- Interim Medical Director, Interventional Pain Clinic 2020 – Present
- National Committees:
 - American Society of Anesthesiology Pain Medicine Committee (2019 – Present)
 - American Society of Anesthesiology Pain Medicine Education Committee (2019 – Present)
 - Spine Intervention Society Education Division (2018 – Present)
- American Board of Anesthesiology MOCA Question Writer (2017 – Present)
- University Committee:

- Committee Member – Multi-disciplinary Pain Rehabilitation Program (2019 – present)

8. Licensure and board certification

- American Board of Anesthesiology – Pain Medicine (2015)
- American Board of Anesthesiology – Anesthesiology (2013)
- American Board of Headache Medicine – Headache Certification (2020)

9. Inventions, intellectual property and patents held or pending

None

10. Review and referee work

- Pain Physician - Editorial Board (2019 – Present)
- Pain Medicine - Ad Hoc Reviewer (2017 – Present)
- Pain Practice - Ad Hoc Reviewer (2017 – Present)
- Pain Physician - Ad Hoc Reviewer (2017 – Present)
- Annals of Headache Medicine - Ad Hoc Reviewer (2020 – Present)

11. Invited extramural lectures, presentations and visiting professorships

- Invited instructor in Pain Medicine Ultrasound Procedures – American Academy of Pain Medicine 2019
- Invited instructor in Pain Medicine Ultrasound Procedures – American Society of Regional Anesthesia 2020 (Cancelled due to COVID)
- Invited speaker at the Annual Family Medicine Review – Estes Park, 2020 (Cancelled due to COVID)
- Invited speaker at the Annual Internal Medicine Review – Estes Park, 2020 (Cancelled due to COVID)

12. Teaching record

- Major presentations to house officers:
 - Varhabhatla, N. “Cervicogenic Headaches.” Resident Didactics. Department of Neurology. University of Colorado Denver. Denver, CO. 5/2020.
 - Varhabhatla, N. “MRI Basics.” Resident Didactics. Department of Anesthesiology. University of Colorado Denver. Monthly from 10/2017 – 4/2020.
 - Varhabhatla, N. “Pain Board Questions.” Resident Didactics. Department of Anesthesiology. University of Colorado Denver. Monthly from 10/2017 – 4/2020.
 - Varhabhatla, N. “Interventions for Headaches.” Resident Didactics. Department of Neurology. University of Colorado Denver. Denver, CO. 5/2019.
 - Varhabhatla, N. “Interventional Options for Cancer Pain,” Resident Didactics. Department of Physical Medicine & Rehabilitation. University of Colorado Denver. Denver, CO. 5/2019.
- 2013-2014: Supervision and intraoperative teaching of residents, medical students – University of Virginia SOM
- 2017-Present: Supervision and bedside teaching of residents, interventional pain medicine clinic. University of Colorado SOM.
- Online Pain Medicine Resident Education Curriculum – Canvas course

- Developed and deployed online Canvas course for anesthesia residents to learn via quizzes, online lectures, physical exam videos, and reference chapters and key publications/papers.
- MIT xPro – “Drug and Device Development” Certificate - Online, Completed 2019
- University of Michigan - “Instructional Methods in Health Professions Education” - Coursera Certificate – 2020
- Stanford – Medical Statistics I/II/III – Online Course, Complete 2020
- Motivational Interviewing Online Course – PsychWire, Completed 2020

13. Grant support

- None

14. Bibliography

- Papers published in peer-reviewed journals
 1. Chou C, Badiola I, Gohil S, **Varhabhatla N.** “Top 10 Tips Palliative Care Clinicians Should Know About Interventional Pain and Procedures.” In press.
 2. Merkow J, **Varhabhatla N.** Manchikanti L, Kaye AD, Urman RD, Yong RJ. “Minimally Invasive Lumbar Decompression and Interspinous Process Device for the Management of Symptomatic Lumbar Spinal Stenosis: a Literature Review.” *Curr Pain Headache Rep.* 2020;24(4):13. Published 2020 Feb 18. doi:10.1007/s11916-020-0845-2
 3. **Varhabhatla NC,** Zuo Z. “Rising complication rates after intrathecal catheter and pump placement in the pediatric population: analysis of national data between 1997 and 2006.” *Pain Physician.* 2012;15(1):65-74.
 4. **Varhabhatla N,** Zuo Z. “The effects of chronic pulmonary disease on hospital length of stay and cost of hospitalization after neurosurgery.” *Clinical article. J Neurosurg.* 2011;115(2):375-379. doi:10.3171/2011.3.JNS101608
- Book chapters, invited articles & reviews in non peer-reviewed journals
 1. Alvey N, **Varhabhatla N.** “Patient Safety Considerations for Bedside Interventions,” in *Bedside Pain Management Interventions*, ed. Souza et al. In press.
 2. Henson J, **Varhabhatla N.** “Abdominal Wall Pain” in *Interventional Management of Chronic Visceral Pain Syndromes*, ed. Pak et al. In press.
 3. Beatty J, **Varhabhatla N.** “Irritable Bowel Syndrome” in *Interventional Management of Chronic Visceral Pain Syndromes*, ed. Pak et al. In press.
 4. Henson J, **Varhabhatla N.** “Superior Cluneal Nerve Blocks,” in *Bedside Pain Management Interventions*, ed. Souza et al. In press.
 5. **Varhabhatla, N.** “Minimally Invasive Ligamentum Decompression (MILD) Procedure,” in *Pain Medicine: An Essential Review*, ed. J Yong et al. 2017.
 6. **Varhabhatla, N.** “Stimulation-produced analgesia,” in *Pain Medicine: An Essential Review*, ed. Yong et al. 2017.
 7. Shilling A, **Varhabhatla N,** Amato P. “Anesthesia for Orthopedic Sports Medicine,” in *DeLee & Drez's Orthopaedic Sports Medicine: Principles and Practices*, ed. Miller et al. 2014.
- Other publications
 1. Merkow J, **Varhabhatla N.** “Cancer Pain: A Review of Interventional Treatment and Argument for Early Involvement by Pain Physicians.” *ASRA News.* August 2018.
- Scientific abstracts published or presented at scientific meetings

1. Henson J, Merkow J, **Varhabhatla N.** “Successful Implantation of a Spinal Cord Stimulator in a Thrombocytopenic Patient.” North American Neuromodulation Society's 23rd Annual Meeting, Las Vegas, NV, USA. January 2020. Poster session.
 2. Henson J, Merkow J, **Varhabhatla N.** “Successful Implantation of a Spinal Cord Stimulator in a Thrombocytopenic Patient.” ASRA 2019, New Orleans. November 14, 2019. Poster session.
 3. Henson J, Merkow J, **Varhabhatla N.** “Minimally Invasive Lumbar Decompression (MILD) and Superion Interspinous Spacer (SIS) for the Management of Symptomatic Lumbar Spinal Stenosis.” ASRA 2019, New Orleans. November 14, 2019. Poster session.
 4. **Varhabhatla N.**, Zuo Z. “Rising complication rates after intrathecal catheter and pump placement in the pediatric population - Analysis of national data between 1997 and 2006.” American Society of Anesthesiology Annual Meeting 2011, Chicago, IL. October 16, 2011. Poster session.
 5. **Varhabhatla N.**, Zuo Z. “Patients with chronic pulmonary diseases stayed longer in hospital after neurosurgery” American Society of Anesthesiology Annual Meeting 2010, San Diego, CA. October 18, 2010. Poster session.
- Invited Talks
 1. **Varhabhatla, N.** “Cervicogenic Headaches.” Department of Neurology, Division of Headache Medicine, Annual Headache Didactics Symposium. University of Colorado Denver. Denver, CO. 5/2020.
 2. **Varhabhatla, N.** “My patient has a implanted pain device - help!” Colorado Review of Anesthesia for Surgicenters and Hospitals. Vail, CO. 3/2020.
 3. **Varhabhatla, N.** “Outpatient Headache Management: A Case-Based Approach.” Grand Rounds. Department of Internal Medicine. 1/2020.
 4. **Varhabhatla, N.** “Peripheral Nerve Entrapments.” Grand Rounds. Department of Orthopedic Surgery, Foot and Ankle Division. University of Colorado Denver. Denver, CO. 1/2020.
 5. **Varhabhatla, N.** “Interventions for Foot and Ankle Pain.” Grand Rounds. Department of Orthopedic Surgery, Foot and Ankle Division. University of Colorado Denver. Denver, CO. 4/2019.
 6. **Varhabhatla, N.** “Artificial Intelligence in Pain Medicine.” Colorado Review of Anesthesia for Surgicenters and Hospitals. Vail, CO. 2/2019.
 7. **Varhabhatla, N.** “Back Pain Demystified.” Grand Rounds. Department of Internal Medicine. University of Colorado Denver. Denver, CO. 8/2018.
 8. **Varhabhatla, N.** “Interventional Options for Cancer Pain.” Grand Rounds. Department of Physical Medicine & Rehabilitation. University of Colorado Denver. Denver, CO. 5/2019.
 9. **Varhabhatla, N.** “Cervicogenic Headaches.” Grand Rounds. Department of Neurology, Division of Headache Medicine. University of Colorado Denver. Denver, CO. 2/2019.
 10. **Varhabhatla, N.** “Painful Neurological Conditions.” Grand Rounds. Department of Neurology. University of Colorado Denver. Denver, CO. 8/2018.
 11. **Varhabhatla, N.** “Interventions for Cancer Pain.” Grand Rounds. Department of Palliative Care. University of Colorado Denver. Denver, CO. 11/2017.
 12. **Varhabhatla, N.** “Amniotic Fluid Embolism.” Grand Rounds, Northside Hospital Department of Obstetrics and Gynecology. Atlanta, GA. 8/2016.