

**DEEPAK AGARWAL D.O. M.P.H.**

**Education**

Fellowship in Chronic Pain Management, Cleveland Clinic, Cleveland, Ohio  
Completed 06/30/2020

Residency in Clinical Anesthesiology, Cleveland Clinic, Cleveland, Ohio  
Completed 06/30/2019

Internship in Clinical Anesthesiology, Cleveland Clinic, Cleveland, Ohio  
Completed 06/30/2016

Doctor of Osteopathic Medicine, 05/2015  
A.T. Still University of Health Sciences, Kirksville, MO  
Kirksville College of Osteopathic Medicine (ATSU-KCOM)

Master of Public Health: Epidemiology, 2011  
The Ohio State University: School of Public Health

B.S. In Microbiology and Minor in Business, 2009  
The Ohio State University: College of Biological Sciences  
Major: *Microbiology*  
Minor: *Business*

**Licensure / Certifications (Last Renewed)**

<b>State of California Medical License</b>	(ACTIVE) 2020
<b>Board Certified: Anesthesiology</b>	(ACTIVE) 2021
<b>Board Certified: Pain Management</b>	(ACTIVE) 2021
<b>Basic Life Support</b>	(ACTIVE) 2021
<b>Advanced Cardiac Life Support</b>	(ACTIVE) 2021
<b>California Fluoroscopy Operator and Supervisor License</b>	(ACTIVE) 2020

**Work Experience**

**Silicon Valley Comprehensive Pain**

Interventional pain management physician, Managing Partner      March 2023-Present

**Synergex Med**

Interventional pain management physician      November 2022-Present

**Vituity Anesthesia, Washington Hospital, Fremont, California**

Anesthesiologist and Pain management physician, Partner      March 2022-Present  
**Pacific Pain Physicians, Santa Barbara, California**

Interventional Pain Management Physician

September 2020-March 2022

**Professional Anesthesia Associates, Providence Little Company of Mary, San Pedro California**

General Anesthesiologist

Aug 2020-December 2020

**Cleveland Clinic Foundation, Main Campus, Cleveland Ohio**

PGY-1 (Anesthesiology)  
Clinical Internship

July 2015-June 2016

PGY-2 (Anesthesiology, CA-1)

July 2016-June 2017

Clinical Duties, Received Outstanding Resident Educator award

PGY-3 (Anesthesiology, CA-2)

July 2017-June 2018

Clinical Duties, Anesthesiology Residency Research Coordinator

PGY-4 (Anesthesiology, CA-3)

July 2018-June 2019

Clinical Duties, Anesthesiology Residency Research Coordinator

PGY-5 (Chronic Pain Management Fellow)

July 2019-June 2020

Clinical duties, Interventional pain procedures, Chief Fellow.

### Peer Reviewed Publications

**Agarwal D**, Chahar P, Chmiela M, Sagir A, Kim A, Malik F, Farag E. Multimodal Analgesia for Perioperative Management of Patients presenting for Spinal Surgery. *Current Pharmaceutical Design.* 2019;25(19): 2123-2132

Chahar P, **Agarwal D**, Farag E. Evidence-Based Multimodal Analgesia for Perioperative Management of Spinal Instrumentation. *Current Anesthesiology Reports.* e-ISSN 2167-6275. e-Pub 23, July 2018

Maheshwari K, Turan A, Mao G, Yang D, Niazi AK, **Agarwal D**, Sessler DI, Kurz A. The association of hypotension during non-cardiac surgery, before and after skin incision, with postoperative acute kidney injury: a retrospective cohort analysis. *Anaesthesia*, 2018 Oct; 73(10): 1223-1228

Galway U, Gohar M, **Agarwal D**, (2017). Hands-on 13 Insertion of Other Supraglottic and Paraesophageal Airways. *Anesthesia Education Toolbox*

[https://collectedmed.com/index.php/article/article/article\\_display/14/5527](https://collectedmed.com/index.php/article/article/article_display/14/5527). Published 5/15/17

Galway U, Gohar M, **Agarwal D**. (2017). Hands-on 18 Exchange to ETT from Other Supraglottic Airways. *Anesthesia Education Toolbox*

[https://collectedmed.com/index.php/article/article/article\\_display/14/5533](https://collectedmed.com/index.php/article/article/article_display/14/5533) Published 5/16/17

Yee LD, **Agarwal D**, Rosol TJ, Lehman A, Tian M, Hatton J, Heestand J, Belury MA, Clinton SK. The inhibition of early stages of HER-2/neu-mediated mammary carcinogenesis by dietary n-3 PUFAs. *Mol Nutr Food Res.* 2013 Feb;57(2):320-7. doi: 10.1002/mnfr.201200445.

### Book Chapters

277. Learning Theories and Exam taking Strategies

**Agarwal D**, Argalious M, Abd-Elsayed A (Editor).

Pain: A Review Guide

Published 05/13/2019, Springer International, ISBN-13: 9783319991238

### Abstracts & Presentations

Cleveland Clinic Anesthesiology Institute Grand rounds: Difficult Airway Morbidity and Mortality Conference. 12/2018

Acute Stroke in an Elderly Patient with Non ST elevation MI and Decompensated Heart Failure: Anesthetic Challenges and Perioperative Management.

**Deepak Agarwal D.O.** Sandeep Khanna M.D.

Medically Challenging Case Presentation.

American Society of Anesthesiology Annual Meeting, San Francisco, California, USA 10/2018.

Midwest Anesthesia Residents Conference, Detroit, Michigan, 04/2019

2018 Engineering Challenge: Tracking Airway Difficulty in Patients through Encrypted Blockchain.

**Agarwal D,** Li K, Lyons M, N. Nguyen, Taylor T, Bhavsar N.

Team Leader. Society for Technology in Anesthesia Annual Meeting, Miami Florida, January 10-13, 2018

Therapeutic Value of Naltrexone as a Glial Modulator.

**D. Agarwal,** K. Toljan, H. Qureshi, B. Vrooman

Moderated Research Poster Presentation

American Society of Regional Anesthesia Chronic Pain Management Conference Lake Buena Vista, Florida, USA 11/2017

Atypical Facial Pain Treated with Bilateral Foramen Ovale Blocks.

**Deepak Agarwal DO MPH,** Richard Rosenquist MD.

Moderated Medically Challenging Case Report Presentation

American Society of Regional Anesthesia Chronic Pain Management Conference Lake Buena Vista, Florida, USA 11/2017

Cryoablation for Management of Refractory Chest Wall Pain

**Deepak Agarwal DO MPH,** R. Rosenquist MD

Moderated Medically Challenging Case Report Presentation

American Society of Regional Anesthesia Chronic Pain Management Conference Lake Buena Vista, Florida, USA 11/2017

Racemic Epinephrine Via Heliox Nebulization Spares Patient a Trachesotomy.

**Deepak Agarwal DO MPH,** Mi Wang MD, Andrew Zura, MD

Medically Challenging Case Report Presentation

American Society of Anesthesiologists Annual Meeting, Boston, Massachusetts, 10/2017

Ohio Society of Anesthesiologists Annual meeting, Columbus, Ohio, 09/2017. \*Winner Best Resident Abstract Award.

Midwest Anesthesia Residents Conference, Cincinnati, Ohio, 04/2018. \*Winner second place Difficult Airway Case Presentation.

Emergent Management of Septic Shock in a Patient with Necrotizing Fascitis.

**Deepak Agarwal DO MPH,** Ehab Farag MD

Medically Challenging Case Report Presentation

American Society of Anesthesiologists Annual Meeting, Boston, Massachusetts, 10/2017

Improving Pain Management of Sickle Cell Disease

**Deepak Agarwal DO MPH.** Tara-Lin Hollins MD, Ellen Rosenquist MD

Medically Challenging Case Report Presentation

American Society of Regional Anesthesia Chronic Pain Management Conference San Diego, California, USA 11/2016

Midwest Anesthesia Residents' Conference, Chicago, Illinois, USA 04/2017

### **Professional and Academic Societies**

American Society of Anesthesiology 2015-Present

Ohio Society of Anesthesiology 2015-2020

- Resident's Section Chair 2019
- Resident's Section Chair Elect 2018
- Resident's Section Delegate to American Society of Anesthesiology 2017
- Resident's Section Delegate for governmental Affairs 2017
- Resident's Section Alternate Delegate to American Society of Anesthesiology 2016

American Society of Regional Anesthesiology 2015-Present

Gold Foundation: Gold Humanism Honors Society 2014-Present

Sigma Sigma Phi Alpha Chapter 2011-Present

Inductee and Member of American Osteopathic Association National Honors Fraternity

### **Awards and Honors**

**Outstanding Resident Educator Award** Cleveland Clinic 05/2017