

# Michael D. Grinn, MD, MPH

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## POSITIONS

Grinn Anesthesia Corp, Founder, Cardiothoracic Anesthesiologist	01/2022 - Present
<ul style="list-style-type: none"><li>Envision Envoy Program- Cardiothoracic Anesthesiologist<ul style="list-style-type: none"><li>Location: Broward Health Medical Center, Ft. Lauderdale, Florida</li><li>Location: Mercy Hospital, Kendall Hospital, Miami, Florida</li><li>Location: Hackensack University Medical Center, Hackensack, NJ</li><li>Location: Northwest Hospital, Northwest, Florida</li></ul></li><li>Locum Tenens - Cardiothoracic Anesthesiologist<ul style="list-style-type: none"><li>Location: Froedtert South, Pleasant Prairie, Wisconsin</li></ul></li><li>St. Mary's Hospital, Passaic, NJ - Cardiothoracic Anesthesiologist</li><li><a href="#">Hawthorne Effect</a>- HERO<ul style="list-style-type: none"><li>National Clinical Drug Trials with Echocardiographic analysis<ul style="list-style-type: none"><li>FINTEPLA - REMS Program</li></ul></li></ul></li></ul>	05/2025 - Present 09/2022 - 03/2025 11/2023 - Present 05/2024 - Present 06/2024 - 08/2024 04/2023 - Present 10/2023 - Present
Pulse At The Peak, Founder, Principal Investigator	06/2025 - Present
<ul style="list-style-type: none"><li><a href="#">Pulseatthepeak.org</a></li><li>Expedition Medicine Physician</li></ul>	
Wellworth, Senior Medical Advisor	01/2026 - Present
AI Taskforce, <a href="#">Society of Cardiovascular Anesthesiology</a>	12/2024 - Present
<a href="#">The Emergency Project</a> , Director of Medical Outreach	01/2022 - Present
<a href="#">U-VOL</a> , Chair of Medical Advisory Board	10/2023 - Present
<a href="#">Anesthesia Associates of Morristown</a> , Cardiothoracic Anesthesiologist	08/2021 - 08/2022

## CERTIFICATIONS

Adult Cardiac Anesthesiology, ABA	12/2024- Present
National Board of Echocardiography, Advanced PTE	11/2021
Diplomate of American Board of Anesthesiology	11/2021 - 2031
Florida State Medical License (ME 157628)	02/2022 - Present
New Jersey State Medical License (25MA11030000)	05/2021 - Present
New York State Medical License (303167)	02/2020 - Present
California Medical License (A183078)	11/2022 - Present
Colorado Medical License (DR.0071132)	05/2023 - Present
Hawaii Medical License (MD-23600-0)	05/2023 - Present
Wisconsin Medical License (87576-20)	08/2023 - Present
Illinois Medical License (036.174513)	04/2025 - Present
DEA License (FG9880940)	Active
CDS NJ (D11888000)	Active
BLS, ACLS, PALS	2015 - Present

## ADDITIONAL CERTIFICATIONS

Massachusetts Institute of Technology xPro	
<ul style="list-style-type: none"><li>Artificial Intelligence in Healthcare: Fundamentals and Applications</li></ul>	06/2024

## FELLOWSHIP

<a href="#">Adult Cardiothoracic Anesthesiology Fellow, Albany Medical Center</a>	07/2020 - 06/2021
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## RESIDENCY

New York Medical College - St. Joseph's University Health, Anesthesiology	07/2017 - 06/2020
Residency Review Committee- Resident Advisor	07/2018 - 06/2020
Resident Delegate for New Jersey State Society of Anesthesiologists	07/2017 - 06/2020
Maimonides Medical Center, Preliminary, Internal Medicine	07/2016 - 06/2017

**TRANSESOPHAGEAL ECHOCARDIOGRAPHY AND ACTA**

**Systems** - GE Systems, Phillips System, Siemens System

**Procedures** - Structural Heart TEE guidance for Mitraclip, Watchman, Noblestitch, ASD closure, TAVR, TMVR, Tricuspid clip, IABP, Impella, TTVR

**Open Heart** - CABG, Valves, LVAD, Aortic Procedures

**PROCEDURES**

General, Regional, OB, Pediatrics, Thoracic, Cardiac, Vascular

**EDUCATION**

MD, Cum Laude, St. George's University School of Medicine 04/ 2016

MPH St. George's University School of Medicine 12/2011

BA Rutgers - The State University of New Jersey 06/2010

**VOLUNTEERISM**

Envision Physician Services, Global Health Initiative, Director of Anesthesia Missions. 12/2022 - Present

Envision/One World Surgery Honduras Surgical Mission 12/2022, 10/2023

Envision/One World Surgery Dominican Republic Surgical Mission 05/2025

**RESEARCH EXPERIENCE**

Explorers Club Flag Expedition, UNESCO, Kilimanjaro Initiative 08/2025

- Flag Expedition #210, Explorer's Club

- Principal Investigator - Pulse at the Peak Initiative

- UNESCO Research on Soil Health and Community Disease

Albany Medical Center, Clinical Research and Pending Publications 07/2020 - 06/2021

St. Joseph's Health, PGY I-III/MS-IV/Research Assistant 01/2014 - 06/2020

Medical Clinic of New York, Clinical Research Coordinator 01/2009 - 11/2015

**AFFILIATIONS**

The Explorers Club, Member Resident 07/2023 - Present

New Jersey State Society of Anesthesiology 07/2017 - Present

American Society of Anesthesiologists 01/2014 - Present

Society of Cardiovascular Anesthesiologists 07/2018 - Present

American Association for Physician Leadership 01/2015 - Present

American Society of Ketamine Physicians 11/2021 - Present

**LANGUAGES**

Russian (fluent) | Spanish (medical)

**CONFERENCES**

TED Conference 04/2022

Society of Cardiothoracic Anesthesia 2019, 2021

American Society of Anesthesia 2015, 2018

**ACTIVITIES**

Expeditions, Medical Tech, Tough Mudder, Coney Island Polar Bear Club, Hiking, Kayaking, Crossfit, Running, Landmark Forum, Horse Riding, Skydiving, Border Collies

## PUBLICATIONS AND PRESENTATIONS

Said R, Aguiar T, Beil C, Grinn MD. Serum LDH as a predictor of mortality in cardiogenic shock patients supported by Impella device: a retrospective analysis. [Abstract]. Presented at: Thoracic Anesthesia Symposium; 12/1/24; Montreal, Canada.

Said R, Aguiar T, Beil C, Stuart A, Grinn M. Acute anemia in cardiogenic shock patients with mechanical circulatory support devices. [Abstract]. Presented at: Critical Care Congress; February 2025; Orlando, FL.

Musuku, Sridhar R., et al. "Atrial Embolization after a Transcatheter Mitral Valve Replacement." *Journal of Cardiothoracic and Vascular Anesthesia*, Elsevier, 24 Mar. 2022, [https://www.jcvaonline.com/article/S1053-0770\(22\)00201-4/fulltext](https://www.jcvaonline.com/article/S1053-0770(22)00201-4/fulltext).

Grinn MD, M. M., & Musuku, M. S. (2021, April 26). NobleStitch EL PFO Closure Technique. *Super Echo*.

Grinn MD, M. M., Parikh MD, R., Musuku MD, F. S., & Pani MD, F. S. (2021). *SCA News*. *SCA News*, 23(7), 41–44.

Grinn MD, MPH, M., Komer DO, C., Nandigam MD, H., Hormozi MD, L., Patel MD, N. and Klobus CCP, J., 2019. Preoperative Thromboelastography as a Predictor of Transfusion Requirements in the Cardiac Surgical Patient. [online] (SCA158). Available [here](#).

Grinn MD, MPH, M. and Kimmel MD, J., 2019. Perioperative Management Of A Patient With Sickle Cell Beta Thalassemia For Aortic Valve Replacement On Cardiopulmonary Bypass. [online] [scahq.org](http://scahq.org). Available [here](#).

Krishna, Ranga, Michael Grinn, Nicholas Giordano, Magesh Thirunavukkarasu, Prasanna Tadi, and Shibani Das. "Diagnostic Confirmation of Mild Traumatic Brain Injury by Diffusion Tensor Imaging: A Case Report." *Journal Of Medical Case Reports* 6.66 (2012): 1-5. Print.

Grinn MD, MPH, Michael, and Padmaja Upadya MD. "The Incarcerated Patient- What Is the Best Operating Room Management?" PostGraduate Assembly in Anesthesiology (PGA), 2018.

ORAL PRESENTATION: Grinn, Michael D., MPH, Darren P. Cuthbert, MPH, Allarice Linaac, MPH, Noah Rolleri, MD, and Radhika Ravi, MD, PhD. "The Impact of Intraoperative Anesthesia Techniques on PONV in ENT Ambulatory Surgery." *Anesthesiology* 2015 (2015): n. pag. Web. Abstract Presentation

Walid Elkhaili MD, Michael Grinn MPH, Walid Elzomor PA, Robert Cosenza CCP, Vincent DeBari PhD, Aiman Hamdan MD, Chirag Badami MD, Kourosh Asgarian DO, Mark Connolly MD. (2016). Amiodarone Protocol Reduces Atrial Fibrillation and Decreases Mortality in Cardiac Surgery Patients Oral Presentation presented at: STS 52nd Annual Meeting; Phoenix, AZ.

Walid Elkhaili MD, Michael Grinn MPH, Walid Elzomor PA, Robert Cosenza CCP, Vincent DeBari PhD, Aiman Hamdan MD, Chirag Badami MD, Kourosh Asgarian DO, Mark Connolly MD. Amiodarone Protocol Reduces Atrial Fibrillation and Decreases Mortality in Cardiac Surgery Patients. *Set Hall Univ 26th Annu Res Colloq*. 2015:CI - 22.

Krishna, M.D, Ranga, Nicholas Giordano, M.D, Michael Grinn, MPH, Bhim Nangia, M.D, and Nadia Sotudeh. "The Role of Diffusion Tensor Imaging in the Diagnosis of Sub-Acute Mild Traumatic Brain Injury: A Case Report." *Journal of the International Neuropsychological Society*. International Neuropsychological Society. Feb. 2012. Web. <[www.the-ins.org](http://www.the-ins.org)>

Krishna, Ranga, Michael Grinn, Nicholas Giordano, Magesh Thirunavukkarasu, and Prasanna R. Tadi. "A Patient Presenting with Mild Traumatic Brain Injury Diagnosed Using a Novel Approach, Utilizing Diffusion Tensor Imaging of the Brain for Confirmation: A Case Report." *Journal of the International Neuropsychological Society* (2011): 246. Print.

Krishna, Ranga, Michael Grinn, and Nicholas Giordano. "The Utility of Diffusion Tensor Imaging In The Diagnosis of Mild Traumatic Brain Injury." *Journal of the International Neuropsychological Society* (2011): 246. Print.

Krishna, Ranga, Michael Grinn, Diana Tsalpanova, Ajit Khurpe, and Stanley Bleifer. "Loss of Workers Productivity in Restrained Individuals of Minor Severity Motor Vehicle Accidents in New York City." *American Occupational Health Conference* (2010).AOHC 2010. ACOEM, 3 May 2010. [Web](#). 25 May 2010.

Krishna, Ranga, Michael Grinn, Diana Tsalpanova, Ajit Khurpe, and Stanley Bleifer. "Missed Days of Work in Individuals in Minor Motor Vehicle Accidents in New York City with an ISS Ranging from 1 to 8." *The Journal Of Medicine* 2.3 (2009): 140. Print.

Krishna, Ranga, Michael Grinn, Nicholas Giordano, Ajit Khurpe, and Stanley Bleifer. "The Inverse Relationship between Job Satisfaction, VAS for Pain, and Workdays Lost Due to Minor Motor Vehicle Accidents." *The Journal of Medicine* (2010). [Print](#).

Krishna, Ranga, Michael Grinn, Diana Tsalpanova, Ajit Khurpe, and Stanley Bleifer. "The Dynamics Between Job Satisfaction, Visual Analog Pain Scale (VAS), and Loss of Worker Productivity (LWP) in Non-fatal Motor Vehicle Accidents (MVA)." IASP 13th World Congress on Pain (2010). IASP 13th World Congress on Pain. International Association for the Study of Pain. Web. 25 May 2010.

Krishna, Ranga, Michael Grinn, Nicholas Giordano, Erica Shtarkman, and Prasanna Tadi. "The Roll of Body Mass Index on Idiopathic Carpal Tunnel Syndrome (CTS) in the Loss of Worker Productivity." American Occupational Health Conference. ACOEM, 2011. Web. 2011. <<http://www.acoem.org/aohc.aspx>>.

Krishna, Ranga, Michael Grinn, Nicholas Giordano, and Prasanna Tadi. "The Role of Functional Capacity Exam on the Socioeconomic Dynamics Between Job Satisfaction Survey, Loss of Worker Productivity, and Carpal Tunnel Syndrome." American Occupational Health Conference. ACOEM, 2011. [Web](#). 2011.

Krishna, Ranga, Michael Grinn, D. Steinberg, J. Steinberg, Magesh Thirunavukkarasu, and Prasanna Tadi. "Mild Traumatic Brain Injury and a Novel Diagnostic Approach Including Diffusion Tensor Imaging: A Case Report." Controversies in Neurology (CONy) (2010). Print.