Stanford

Vidya Rao

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

  300 Pasteur Dr Rm H3580

  MC 5640

  Stanford, CA 94305

  Tel (650) 736-6928 **Fax** (650) 725-8544

Bio

CLINICAL FOCUS

- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Board Certification: Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2012)
- Fellowship: Lucile Packard Children's Hospital (2013)
- Fellowship, Stanford University School of Medicine, Lucile Packard Children's Hospital , Pediatric Cardiothoracic Anesthesiology (2013)
- Fellowship, Stanford University School of Medicine , Critical Care Medicine (2012)
- Fellowship, Stanford University School of Medicine , Adult Cardiothoracic Anesthesiology (2011)
- Residency: University of Pittsburgh Medical Center (2009) PA
- Internship: University of Pittsburgh Medical Center (2006) PA
- Medical Education: Northeastern Ohio Universities (2005) OH
- Board Certification: Critical Care Medicine, American Board of Anesthesiology (2012)
- Board Certification: Anesthesia, American Board of Anesthesiology (2010)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)

Publications

PUBLICATIONS

- **Unexpected Interruptions in the Inhaled Epoprostenol Delivery System: Incidence of Adverse Sequelae and Therapeutic Consequences in Critically Ill Patients.** *Critical care explorations*

Block, J. M., Madhok, J., Owyang, C. G., Merriman, K. R., Ruoss, S. J., Rao, V. K.
2021; 3 (10): e0548

- **The Year in Thoracic Anesthesia: Selected Highlights From 2020.** *Journal of cardiothoracic and vascular anesthesia*
  Boisen, M. L., Fernando, R. J., Kolarczyk, L., Teeter, E., Schisler, T., La Colla, L., Melnyk, V., Robles, C., Rao, V. K., Gelzinis, T. A.
  2021
- **Intraoperative Management of Adult Patients on Extracorporeal Membrane Oxygenation: An Expert Consensus Statement From the Society of Cardiovascular Anesthesiologists-Part II, Intraoperative Management and Troubleshooting.** *Anesthesia and analgesia*
  Mazzeffi, M. A., Rao, V. K., Dodd-O, J., Del Rio, J. M., Hernandez, A., Chung, M., Bardia, A., Bauer, R. M., Meltzer, J. S., Satyapriya, S., Rector, R., Ramsay, J. G., Gutsche, et al
  2021
- **First lung and kidney multi-organ transplant following COVID-19 Infection.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Guenthart, B. A., Krishnan, A., Alassar, A., Madhok, J., Kakol, M., Miller, S., Cole, S. P., Rao, V. K., Acero, N. M., Hill, C. C., Cheung, C., Jackson, E. C., Feinstein, et al
  2021
- **Intraoperative Management of Adult Patients on Extracorporeal Membrane Oxygenation: An Expert Consensus Statement From the Society of Cardiovascular Anesthesiologists-Part I, Technical Aspects of Extracorporeal Membrane Oxygenation.** *Anesthesia and analgesia*
  Mazzeffi, M. A., Rao, V. K., Dodd-O, J., Del Rio, J. M., Hernandez, A., Chung, M., Bardia, A., Bauer, R. M., Meltzer, J. S., Satyapriya, S., Rector, R., Ramsay, J. G., Gutsche, et al
  2021
- **Corrigendum to 'The Year in Thoracic Anesthesia: Selected Highlights from 2019' [Journal of Cardiothoracic and Vascular Anesthesia 34 (2020) 1733-1744].** *Journal of cardiothoracic and vascular anesthesia*
  Boisen, M. L., Schisler, T., Kolarczyk, L., Melnyk, V., Rolleri, N., Bottiger, B., Klinger, R., Teeter, E., Rao, V. K., Gelzinis, T. A.
  2020
- **The Year in Thoracic Anesthesia: Selected Highlights from 2019.** *Journal of cardiothoracic and vascular anesthesia*
  Boisen, M. L., Schisler, T. n., Kolarczyk, L. n., Melnyk, V. n., Rolleri, N. n., Bollinger, B. n., Klinger, R. n., Teeter, E. n., Rao, V. K., Gelzinis, T. A.
  2020
- **The Year in Thoracic Anesthesia: Selected Highlights From 2018.** *Journal of cardiothoracic and vascular anesthesia*
  Boisen, M. L., Rolleri, N. n., Gorgy, A. n., Kolarczyk, L. n., Rao, V. K., Gelzinis, T. A.
  2019
- **IMPROVING NUTRITION FOR CRITICALLY ILL HEMODYNAMICALLY UNSTABLE POST-CARDIAC SURGERY PATIENTS**
  Modir, R., Hill, C., Rao, V., Oyer, P.
  LIPPINCOTT WILLIAMS & WILKINS.2019
- **SEROTONIN SYNDROME IN A VENOVENOUS ECMO PATIENT**
  Kapil, S., Khan, S., Rao, V.
  LIPPINCOTT WILLIAMS & WILKINS.2019
- **The Year in Thoracic Anesthesia: Selected Highlights From 2017** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
  Boisen, M. L., Sardesai, M. P., Kolarczyk, L., Rao, V. K., Owsiak, C. P., Gelzinis, T. A.
  2018; 32 (4): 1556–69
- **Inhaled Nitric Oxide (iNO) and Inhaled Epoprostenol (iPGI(2)) Use in Cardiothoracic Surgical Patients: Is there Sufficient Evidence for Evidence-Based Recommendations?** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
  Rao, V., Ghadimi, K., Keeyapaj, W., Parsons, C. A., Cheung, A. T.
  2018; 32 (3): 1452–57
- **Ambulating femoral venoarterial extracorporeal membrane oxygenation bridge to heart-lung transplant.** *The Journal of thoracic and cardiovascular surgery*
  Shudo, Y., Kasinpila, P., Lee, A. M., Rao, V. K., Woo, Y. J.
  2018
- **Postoperative Respiratory Impairment Is a Real Risk for Our Patients: The Intensivist's Perspective** *ANESTHESIOLOGY RESEARCH AND PRACTICE*

Rao, V. K., Khanna, A. K.
2018: 3215923

- **Management of Patients on Mechanical Circulatory Assist Devices During Noncardiac Surgery.** *International anesthesiology clinics*
  Rao, V. K., Tsai, A.
  2018; 56 (4): e1–e27
- **ECMO CIRCUIT PATENCY WITHOUT ANTICOAGULATION IN PATIENTS WITH HIGH RISK FOR BLEEDING**
  Mehmood, T., Beg, M., Hennessey, E., Rao, V.
  LIPPINCOTT WILLIAMS & WILKINS.2018: 51
- **The Year in Thoracic Anesthesia: Selected Highlights from 2016.** *Journal of cardiothoracic and vascular anesthesia*
  Boisen, M. L., Rao, V. K., Kolarczyk, L., Hayanga, H. K., Gelzinis, T. A.
  2017; 31 (3): 791-799
- **Barosinusitis: Comprehensive review and proposed new classification system.** *Allergy & rhinology (Providence, R.I.)*
  Vaezeafshar, R. n., Psaltis, A. J., Rao, V. K., Zarabanda, D. n., Patel, Z. M., Nayak, J. V.
  2017; 8 (3): 109–17
- **Comparative effectiveness of epsilon-aminocaproic acid and tranexamic acid on postoperative bleeding following cardiac surgery during a national medication shortage** *JOURNAL OF CLINICAL ANESTHESIA*
  Blaine, K. P., Press, C., Lau, K., Sliwa, J., Rao, V. K., Hill, C.
  2016; 35: 516-523
- **Salvage Extracorporeal Membrane Oxygenation Prior to "Bridge" Transcatheter Aortic Valve Replacement.** *Journal of cardiac surgery*
  Chiu, P., Fearon, W. F., Raleigh, L. A., Burdon, G., Rao, V., Boyd, J. H., Yeung, A. C., Miller, D. C., Fischbein, M. P.
  2016; 31 (6): 403-405
- **Factor VIII Inhibitor Bypass Activity and Recombinant Activated Factor VII in Cardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
  Rao, V. K., Lobato, R. L., Bartlett, B., Klanjac, M., Mora-Mangano, C. T., Soran, P. D., Oakes, D. A., Hill, C. C., van der Starre, P. J.
  2014; 28 (5): 1221-1226
- **A cost study of postoperative cell salvage in the setting of elective primary hip and knee arthroplasty** *TRANSFUSION*
  Rao, V. K., Dyga, R., Bartels, C., Waters, J. H.
  2012; 52 (8): 1750-1760
- **Recognition of local anesthetic maldistribution in axillary brachial plexus block guided by ultrasound and nerve stimulation** *JOURNAL OF CLINICAL ANESTHESIA*
  Veneziano, G. C., Rao, V. K., Orebaugh, S. L.
  2012; 24 (2): 141-144
- **Analysis of major complications associated with arterial catheterisation** *QUALITY & SAFETY IN HEALTH CARE*
  Salmon, A. A., Galhotra, S., Rao, V., DeVita, M. A., Darby, J., Hilmi, I., SIMMONS, R. L.
  2010; 19 (3): 208-212