Stanford



# Praveen Kalra

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine


**CLINICAL OFFICE (PRIMARY)**

- **Anesthesia Department**

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## Bio

### BIO

Dr. Praveen Kalra is Board Certified in Anesthesia and in Critical Care. He specializes in trauma, orthopedic, brain and spine surgery, urology, and cancer surgery. He was appointed Fellow of the American Society of Anesthesiology (FASA) in 2023. Appointed Medical Director of Sustainability for Stanford Healthcare in Dec 2023.

His professional interests include devising protocols for patient safety, informed consent, reducing the impact of anesthetics on the environment, addressing climate change by reducing green house gas emissions in the health care setting, resident education to emphasize evidence based safe care and mentoring medical students. He has been in practice for over 18 years.

Received the Inaugural Sustainability Ambassador Award in 2022 at SHC for removing Desflurane (anesthetic gas with highest global warming potential) from the OR and undertaking multiple initiatives such as creating a Green Team at SHC, an elective Green Rotation for residents, green curriculum video series and addressing plastic & biohazardous waste in the OR. Current projects are focused on decommissioning nitrous oxide pipelines in the OR. As Medical Director of Sustainability, I work on collaborating with experts, fostering clinician engagement in change management, and spearheading transformative initiatives.

Dr. Kalra completed his residency in Anesthesia from Harvard Medical School's Beth Israel Deaconess Hospital and a fellowship in Critical Care from Johns Hopkins Hospital, Baltimore.

### CLINICAL FOCUS

- Anesthesia
- Greening the Health care

### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

### ADMINISTRATIVE APPOINTMENTS

- Clinical Associate Professor, Stanford Health Care, (2023- present)
- Medical Director Sustainability, Stanford Health care, (2023- present)
- Clinical Assistant Professor, Stanford Health Care, (2013-2023)
- Clinical Assistant Professor, Oklahoma University Health Science Center, (2005-2013)

### HONORS AND AWARDS

- Inaugural Sustainability Ambassador Award, Stanford Health Care (9/2022)

### PROFESSIONAL EDUCATION

- Fellowship: Johns Hopkins University School of Medicine (2005) MD
- Board Certification: Critical Care Medicine, American Board of Anesthesiology (2006)
- Board Certification: Anesthesia, American Board of Anesthesiology (2006)
- Residency: Beth Israel Deaconess Medical Center (2004) MA
- Internship: Advocate Illinois Masonic Medical Center (2001) IL
- Medical Education: King Georges Medical College (1999) India

## Publications

### PUBLICATIONS

- **The Environmental Impact of Pediatric Endoscopy: Small Feet Have a Disproportionately Large Carbon Footprint.** *The Journal of pediatrics*
  Barakat, M. T., Nwokorie, F., Deliwala, S. S., Quinn, M., Kalra, P., Gugig, R.
  2026: 115248
- **Encouraging Low Fresh Gas Flow with Sevoflurane via Real-time Decision Support: A Randomized Controlled Evaluation of an Electronic Health Record Reminder Alert.** *Anesthesiology*
  Gessner, D., Harrison, N., Chakraborty, D., Ahir, P., Kalra, P., Outterson, R.
  2025; 143 (5): 1407-1410
- **Reducing Greenhouse Gas Emissions and Modifying Nitrous Oxide Delivery at Stanford: Observational, Pilot Intervention Study.** *JMIR perioperative medicine*
  Kraybill, E. P., Chen, D., Khan, S., Kalra, P.
  2025; 8: e64921
- **Waste reduction in the operating room - old habits die hard, but change is possible**
  Taylor, J., Kalra, P., Alejandro-Harper, D., Pena, N., Saffary, R., Solomon, S., Law, B., Kadry, B., Macario, A., Lu, A.
  LIPPINCOTT WILLIAMS & WILKINS.2021: 1637