

Stanford



Roya Saffary, MD

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesia
- Perioperative management

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Co-Director Fellowship in the Management of Perioperative Services, Stanford, Department of Anesthesiology, (2019- present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Anesthesiology Fellowships (2016) CA
- Residency: Boston Medical Center (2015) MA
- Internship: Boston Medical Center (2008) MA
- Board Certification: Anesthesia, American Board of Anesthesiology (2016)
- Medical Education: University of Maryland (2006) MD

Teaching

COURSES

2023-24

- Anesthesiology and Pathophysiologic Implications for the Perioperative Patient: ANES 202 (Win)

2022-23

- Anesthesiology and Pathophysiologic Implications for the Perioperative Patient: ANES 202 (Win)

2021-22

- Anesthesiology and Pathophysiologic Implications for the Perioperative Patient: ANES 202 (Win)

Publications

PUBLICATIONS

- **Artificial Intelligence in Perioperative Care: Opportunities and Challenges.** *Anesthesiology*
Han, L., Char, D. S., Aghaeepour, N.
2024; 141 (2): 379-387
- **Feasibility pilot trial for the Trajectories of Recovery after Intravenous propofol versus inhaled Volatile anesthesia (THRIVE) pragmatic randomised controlled trial.** *BMJ open*
Tellor Pennington, B. R., Colquhoun, D. A., Neuman, M. D., Politi, M. C., Janda, A. M., Spino, C., Thelen-Perry, S., Wu, Z., Kumar, S. S., Gregory, S. H., Avidan, M. S., Kheterpal, S.
2023; 13 (4): e070096
- **Performance Frontiers in Operating Room Management: A Multi-Institutional Comparative Analysis**
Zhang, E., Saffary, R., Sharma, S., Paiste, J., Hagood, J., Mitchell, T.
LIPPINCOTT WILLIAMS & WILKINS.2022: 355-356
- **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
- **Analysis of COVID-19 Cases' Spatial Dependence in US Counties Reveals Health Inequalities** *FRONTIERS IN PUBLIC HEALTH*
Saffary, T., Adegbeye, O. A., Gayawan, E., Elfaki, F., Kuddus, M., Saffary, R.
2020; 8: 579190
- **New Role for the Anesthesia Preoperative Clinic: Helping to Ensure That Surgery Is the Right Choice for Patients With Serious Illness** *ANESTHESIA AND ANALGESIA*
Goldenberg, E., Saffary, R., Schmiesing, C.
2019; 129 (1): 311-15
- **Cricoid cartilage compression devices** *ANAESTHESIA*
Saffary, R., Feliz, E., Connor, C. W.
2015; 70 (4): 504
- **Performance of the Sellick maneuver significantly improves when residents and trained nurses use a visually interactive guidance device in simulation** *PHYSIOLOGICAL MEASUREMENT*
Connor, C. W., Saffary, R., Feliz, E.
2013; 34 (12): 1645-56
- **FMRP Regulates the Transition from Radial Glial Cells to Intermediate Progenitor Cells during Neocortical Development** *JOURNAL OF NEUROSCIENCE*
Saffary, R., Xie, Z.
2011; 31 (4): 1427-39
- **Inclusion body formation and neurodegeneration are parkin independent in a mouse model of alpha-synucleinopathy** *JOURNAL OF NEUROSCIENCE*
von Coelln, R., Thomas, B., Andrabi, S. A., Lim, K. L., Savitt, J. M., Saffary, R., Stirling, W., Bruno, K., Hess, E. J., Lee, M. K., Dawson, V. L., Dawson, T. M.
2006; 26 (14): 3685-96
- **Accumulation of the authentic parkin substrate aminoacyl-tRNA synthetase cofactor, p38/JTV-1, leads to catecholaminergic cell death** *JOURNAL OF NEUROSCIENCE*
Ko, H. S., von Coelln, R., Sriram, Kim, S. W., Chung, K. K., Pletnikova, O., Troncoso, J., Johnson, B., Saffary, R., Goh, E. L., Song, H. J., Park, B. J., Kim, M. J., et al
2005; 25 (35): 7968-78
- **Microbial survival of space vacuum and extreme ultraviolet irradiation: strain isolation and analysis during a rocket flight** *FEMS MICROBIOLOGY LETTERS*
Saffary, R., Nandakumar, R., Spencer, D., Robb, F. T., Davila, J. M., Swartz, M., Ofman, L., Thomas, R. J., DiRuggiero, J.
2002; 215 (1): 163-68