Stanford



George Paul Zhou

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Stanford Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- Board Certification: Anesthesia, American Board of Anesthesiology (2022)
- Fellowship, UCSF , Liver Transplantation (2021)
- Fellowship: UCSF Anesthesiology Fellowships (2021) CA
- Residency: Icahn School of Medicine at Mount Sinai Anesthesiology Residency (2020) NY
- Medical Education: Stony Brook University School of Medicine (2016) NY

Research & Scholarship

PROJECTS

- NASA Jet Propulsion Laboratory (JPL) VITAL Ventilator (3/2020 - 6/2020)

Publications

PUBLICATIONS

- **Development and Validation of a Reproducible Cross-Species Liver Machine Perfusion Platform in Rats and Mice.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*

  Cywińska, G. N., Badshah, J. S., Han, S., Lee, R. M., Tajima, T., Emengo, P., Aellos, F., Liu, B., Sleasman, J., Zhou, G. P., Reitsma, A., Dunn, J. C., Melcher, et al

  2026

- **Managing Hyperkalemia amid Supramassive Hemorrhage and Transfusion.** *Anesthesiology*

Zhou, G. P., Garland, M., Lee, S., Kloosterboer, A., Smith, N. K., Angst, M. S.
2026; 145 (2): 446-455

- **The perioperative care in liver transplantation multicenter database: Building the foundation for research collaboration in liver transplantation.** *Journal of clinical anesthesia*
  Adelmann, D., Reddy, M., Zhou, G. P., Fukazawa, K., Wang, R., Kassel, C., Nguyen-Buckley, C., Bastidas, J., De Marchi, L., Wilson, E. A., Nazemian, R., Fernandez-Bustamante, A., Anderson, et al
  2024; 99: 111651

- **The SATA Multicenter Liver Transplant Outcomes in Anesthesia Database (Liver-TOAD): Building the Foundation for Research Collaboration in Transplant Anesthesia**
  Adelmann, D., Anderson, A., De Marchi, L., Fernandez-Bustamante, A., Fukazawa, K., Huang, J., Kassel, C., Nazemian, R., Nguyen-Buckley, C., Smith, N., Townsend, E., Wilson, E., Zhou, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023: 457-458

- **Development of an Easily Reproducible Cough Simulator With Droplets and Aerosols for Rapidly Testing Novel Personal Protective Equipment.** *Simulation in healthcare : journal of the Society for Simulation in Healthcare*
  Zhou, G., Burnett, G. W., Shah, R. S., Lai, C. Y., Katz, D., Fried, E. A.
  2022

- **"The use of bilateral continuous erector spinae plane blocks for postoperative analgesia after right-sided living donor hepatectomy: A feasibility study"** *CLINICAL TRANSPLANTATION*
  Adelmann, D., Khorashadi, M., Zhou, G., Kinjo, S., Braun, H. J., Ascher, N. L., Braehler, M. R.
  2021; 35 (9): e14413

- **Intraoperative aerosol box use: does an educational visual aid reduce contamination?** *KOREAN JOURNAL OF ANESTHESIOLOGY*
  Burnett, G. W., Zhou, G., Fried, E. A., Shah, R. S., Park, C., Katz, D.
  2021; 74 (2): 158-164

- **Barrier Devices, Intubation, and Aerosol Mitigation Strategies: Personal Protective Equipment in the Time of Coronavirus Disease 2019** *ANESTHESIA AND ANALGESIA*
  Fried, E. A., Zhou, G., Shah, R., Shin, D., Shah, A., Katz, D., Burnett, G. W.
  2021; 132 (1): 38-45

- **Differential Ventilation Using Flow Control Valves as a Potential Bridge to Full Ventilatory Support during the COVID-19 Crisis From Bench to Bedside** *ANESTHESIOLOGY*
  Levin, M. A., Shah, A., Shah, R., Kane, E., Zhou, G., Eisenkraft, J. B., Chen, M. D., Mt Sinai HELPS Innovate Grp
  2020; 133 (4): 892-904

- **Intravenous Fluid Management Practices in Kidney Transplant Patients: A Multicenter Observational Cohort Pilot Study.** *Seminars in cardiothoracic and vascular anesthesia*
  Efune, G. E., Zerillo, J., Zhou, G., Mazzeffi, M. A., Demaria, S., Wang, C.
  2020; 24 (3): 256-264