Stanford

Igor Feinstein

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia**

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Bio

CLINICAL FOCUS

- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- Board Certification: Adult Cardiac Anesthesiology, American Board of Anesthesiology (2023)
- Board Certification: Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2020)
- Board Certification: Anesthesia, American Board of Anesthesiology (2019)
- Fellowship: Stanford University Anesthesiology Fellowships (2019) CA
- Residency: Stanford University Anesthesiology Residency (2018) CA
- Internship: Stony Brook University Dept of Medicine (2015) NY
- Medical Education: SUNY Stony Brook School of Medicine Registrar (2014) NY
- Residency, Stanford University School of Medicine , Anesthesiology (2018)
- Internship, Stony Brook University School of Medicine , Internal Medicine (2015)
- MD, Stony Brook University School of Medicine , Medicine (2014)
- PhD, Stony Brook University School of Medicine , Neuroscience (2011)

Publications

PUBLICATIONS

- **Biomarkers of Alzheimer's Disease and Neurodegeneration After Cardiac Surgery: First Insights from the Ongoing CARDIAC-PND Study**

  Feinstein, I., Young, C., McAllister, T., Mendiola, J., Gao, X., Porras, G., Kitsis, A., Huhn, A., Delaney, G., Mather, R., Gutierrez, R., Purdon, P., Wilson, et al

  LIPPINCOTT WILLIAMS & WILKINS.2025: 530-533

- **EEG Patterns Correlated with Biomarkers of Alzheimer's Disease and Neurodegeneration after Cardiac Surgery**

  Mather, R., Feinstein, I., Gutierrez, R., Young, C., McAllister, T., Mendiola, J., Gao, X., Porras, G., Kitsis, A., Hansine, A., Delaney, G., Wilson, E., Angst, et al

LIPPINCOTT WILLIAMS & WILKINS.2025: 485

- **Modification of Post-operative Inflammation Through Infusion of a Young Donor Plasma Fraction in Older Patients**
  Tsai, A., Xue, L., Gao, X., McAllister, T., Tingle, M., Porras, G., Feinstein, I., Feyaerts, D., Verdonk, F., Sabayev, M., Hedou, J., Ganio, E., Berson, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025: 965-967

- **Near-infrared spectroscopy in perioperative medicine.** *BMJ (Clinical research ed.)*
  Feinstein, I., Angst, M. S.
  2025; 388: r539

- **Infusion of young donor plasma components in older patients modifies the immune and inflammatory response to surgical tissue injury: a randomized clinical trial.** *Journal of translational medicine*
  Gaudilliere, B., Xue, L., Tsai, A. S., Gao, X., McAllister, T. N., Tingle, M., Porras, G., Feinstein, I., Feyaerts, D., Verdonk, F., Sabayev, M., Hedou, J., Ganio, et al
  2025; 23 (1): 183

- **Plasma Aβ42/Aβ40 is sensitive to early cerebral amyloid accumulation and predicts risk of cognitive decline across the Alzheimer's disease spectrum.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
  Trelle, A. N., Young, C. B., Vossler, H., Ramos Benitez, J., Cody, K. A., Mendiola, J. H., Swarovski, M. S., Guen, Y. L., Feinstein, I., Butler, R. R., Channappa, D., Romero, A., Park, et al
  2024

- **Variability and relative contribution of surgeon and anesthesia specific time components to total procedural time in cardiac surgery.** *The Journal of thoracic and cardiovascular surgery*
  Vanneman, M. W., Thuraiappah, M., Feinstein, I., Fielding-Singh, V., Peterson, A., Kronenberg, S., Angst, M. S., Aghaeepour, N.
  2023

- **Performance of a fully-automated Lumipulse plasma phospho-tau181 assay for Alzheimer's disease.** *Alzheimer's research & therapy*
  Wilson, E. N., Young, C. B., Ramos Benitez, J., Swarovski, M. S., Feinstein, I., Vandijck, M., Le Guen, Y., Kasireddy, N. M., Shahid, M., Corso, N. K., Wang, Q., Kennedy, G., Trelle, et al
  2022; 14 (1): 172

- **A case report of an open aortic valve replacement followed by open adrenalectomy in a patient with symptomatic pheochromocytoma and critical aortic stenosis.** *Journal of cardiothoracic surgery*
  Feinstein, I., Lee, T., Khan, S., Raleigh, L., Mihm, F.
  2021; 16 (1): 282

- **Plasma Biomarkers of Tau and Neurodegeneration During Major Cardiac and Noncardiac Surgery.** *JAMA neurology*
  Feinstein, I., Wilson, E. N., Swarovski, M. S., Andreasson, K. I., Angst, M. S., Greicius, M. D.
  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

- **Acute N-methyl-D-aspartate receptor hypofunction induced by MK801 evokes sex-specific changes in behaviors observed in open-field testing in adult male and proestrus female rats.** *Neuroscience*
  Feinstein, I., Kritzer, M. F.
  2013; 228: 200-14

- **Diagnosis and treatment of glossopharyngeal and vagal neuropathies in a patient with laryngopharyngeal reflux.** *Anesthesiology*
  Lokshina, I., Feinstein, I., Agin, C., Katz, R.
  2008; 109 (4): 741-3

- **Anatomical and functional phenotyping of mice models of Alzheimer's disease by MR microscopy.** *Annals of the New York Academy of Sciences*
  Benveniste, H., Ma, Y., Dhawan, J., Gifford, A., Smith, S. D., Feinstein, I., Du, C., Grant, S. C., Hof, P. R.
  2007; 1097: 12-29