



Gregory Hammer

Professor of Anesthesiology, Perioperative and Pain Medicine (Pediatric) and of Pediatrics (Critical Care) at the Stanford University Medical Center

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Department of Anesthesia**

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Bio

CLINICAL FOCUS

- Anesthesia
- Pediatric Cardiac Anesthesia
- Pediatric Anesthesia
- Pediatric Critical Care

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Anesthesiology, Perioperative and Pain Medicine
- Professor - Med Center Line, Pediatrics - Critical Care
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director, Pediatric Anesthesia Research, Department of Anesthesia, (2005-2020)

HONORS AND AWARDS

- Graduation with Honors, Phillips Academy (1973)
- Graduation with Honors, U. of Wisconsin (1977)
- Graduation with Honors, U. of Illinois College of Medicine (1982)
- Best Doctors in America, Best Doctors in America (1996-Present)

PROFESSIONAL EDUCATION

- Residency: Hospital of the University of Pennsylvania Anesthesia and CCM (1987) PA
- Residency: Children's Hospital and Research Center Oakland Pediatric Residency (1985) CA
- Internship: Children's Hospital and Research Center Oakland Pediatric Residency (1983) CA

- Medical Education: University of Illinois at Chicago Office of the Registrar (1982) IL

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PATENTS

- Gregory Hammer. "United States Patent 61/589,335 Hammer Single Lung Ventilation Endotracheal Tube", Leland Stanford Junior University, Jan 21, 2012

LINKS

- LPCH Anesthesia: <http://pedsanesthesia.stanford.edu/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Hammer's primary research interests are pediatric pharmacology and perioperative care of children undergoing cardiac surgery. He has numerous funded research projects in these areas, including an NIH grant for \$4.3 million to study the pharmacology of sodium nitroprusside, a drug commonly used for blood pressure control in the operating room and ICU. Dr. Hammer has two other NIH grants and other ongoing research projects in the area of pediatric pharmacology.

CLINICAL TRIALS

- An Open-label Study of Hydromorphone Oral Solution in Subjects Aged 28 Days to 16 Years for Postoperative Pain, Recruiting
- Dose-Response Study of Sodium Nitroprusside in Children Requiring Controlled Hypotension in the Operating Room, Not Recruiting
- Measuring the Amount of Methadone or Morphine in the Blood of Neonates, Infants & Children After Cardiac Surgery., Not Recruiting
- Pharmacokinetics of Ketamine in Infants and Children, Not Recruiting
- Sodium Nitroprusside for Blood Pressure Reduction in the ICU (SNP2), Not Recruiting

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Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)

Publications

PUBLICATIONS

- **Small-Volume Injections: Evaluation of Volume Administration Deviation From Intended Injection Volumes.** *Anesthesia and analgesia*
Muffly, M. K., Chen, M. I., Claire, R. E., Drover, D. R., Efron, B., Fitch, W. L., Hammer, G. B.
2017
- **Pharmacodynamic Analysis of Morphine Time-to-Remedication Events in Infants and Young Children After Congenital Heart Surgery.** *Clinical pharmacokinetics*
Elkomy, M. H., Drover, D. R., Galinkin, J. L., Hammer, G. B., Glotzbach, K. L.
2016; 55 (10): 1217-1226
- **Pharmacokinetics of Morphine and Its Metabolites in Infants and Young Children After Congenital Heart Surgery** *AAPS JOURNAL*
Elkomy, M. H., Drover, D. R., Glotzbach, K. L., Galinkin, J. L., Frymoyer, A., Su, F., Hammer, G. B.
2016; 18 (1): 124-133
- **Safety and Efficacy of Sodium Nitroprusside During Prolonged Infusion in Pediatric Patients** *PEDIATRIC CRITICAL CARE MEDICINE*
Hammer, G. B., Lewandowski, A., Drover, D. R., Rosen, D. A., Cohane, C., Anand, R., Mitchell, J., Reece, T., Schulman, S. R.
2015; 16 (5): 397-403

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