

Stanford



Erin Stewart

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

Bio

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Medical Director of Simulation, Department of Anesthesiology, University of Colorado, (2020-2024)
- Associate Fellowship Director, Perioperative Management of Liver Transplant, University of Colorado, (2021-2024)

PROFESSIONAL EDUCATION

- B.S., University of Irvine, California , Biology (2006)
- M.S., Georgetown University School of Medicine , Physiology and Biophysics (2009)
- M.D., Georgetown University School of Medicine (2013)
- Internship, Stanford University , Internal Medicine (2014)
- Residency, Stanford University , Internal Medicine (2016)
- Residency, Stanford University , Anesthesiology (2019)
- Fellowship, University of Colorado , Perioperative Management of Liver Transplant (2020)

Publications

PUBLICATIONS

- **Remote guidance and focused point-of-care ultrasound (POCUS) training for cardiopulmonary instability assessment by novice sonographers** *RESUSCITATION PLUS*
Stewart, E., Tran, T. T., Tanabe, K., Hunt, A., Watson, G., Kaizer, A., Bebart, C., Ng, P. C., Fernandez-Bustamante, A.
2026; 27
- **Remote guidance and focused point-of-care ultrasound (POCUS) training for cardiopulmonary instability assessment by novice sonographers.** *Resuscitation plus*
Stewart, E., Tran, T. T., Tanabe, K., Hunt, A., Watson, G., Kaizer, A., Bebart, C. V., Ng, P. C., Fernandez-Bustamante, A.
2026; 27: 101184
- **Perioperative management of patients taking glucagon-like peptide 1 receptor agonists: Society for Perioperative Assessment and Quality Improvement (SPAQI) multidisciplinary consensus statement.** *British journal of anaesthesia*
Oprea, A. D., Ostapenko, L. J., Sweitzer, B., Selzer, A., Irizarry-Alvarado, J. M., Hurtado Andrade, M. D., Mendez, C. E., Kelley, K. D., Stewart, E., Fernandez Robles, C. R., Chadha, R. M., Camilleri, M., Mathur, et al
2025
- **Enhanced recovery after surgery for liver transplantation: a review of recent literature.** *Current opinion in organ transplantation*
Crouch, C. E., Stewart, E., Hendrickse, A.

2024; 29 (1): 64-71

- **The in-vitro influence of urea concentration on thromboelastography in patients with and without end stage renal disease.** *American journal of surgery*
Kukreja, N., Rodriguez, I. E., Moore, H. B., LaRiviere, W., Crouch, C., Stewart, E., Nydam, T. L., Kennealey, P., Hendrickse, A. D., Pomfret, E. A., Fernandez-Bustamante, A.
2023; 226 (6): 817-822
- **Quantitative Assessment of Postoperative Hypoventilation After Kidney Transplantation Surgery**
Fernandez-Bustamante, A., Fioravanti, M., Carrico, J., Stewart, E.
LIPPINCOTT WILLIAMS & WILKINS.2023: 963-964
- **Viscoelastic Management of Coagulopathy during the Perioperative Period of Liver Transplantation.** *Seminars in thrombosis and hemostasis*
Stewart, E., Nydam, T. L., Hendrickse, A., Pomposelli, J. J., Pomfret, E. A., Moore, H. B.
2023; 49 (2): 119-133
- **WHOLE BLOOD RESUSCITATION IN LIVER TRANSPLANTATION: IS IT TIME FOR IMPLEMENTATION?**
Klingenberg, K., Stewart, E., Rodriguez, I., Hadley, K., Pomposelli, J., Hendrickse, A., Cullen, J., Nydam, T., Berg, M., Pomfret, E., Bates, S., Moore, H.
ELSEVIER SCIENCE INC.2023: S55
- **Using 'Plan, Do, Study, Act' (PDSA) Cycles to Improve an Ultrasound Guided Vascular Access Course**
Tran, T., Vitter, J., Stewart, E. M.
LIPPINCOTT WILLIAMS & WILKINS.2022: 1173
- **Preoperative optimization of diabetes.** *International anesthesiology clinics*
Stewart, E., Selzer, A.
2022; 60 (1): 8-15
- **Dabigatran Reversal With Idarucizumab in 2 Patients With Portal Vein Thrombosis Undergoing Orthotopic Liver Transplantation.** *Seminars in cardiothoracic and vascular anesthesia*
Williams, C., Stewart, E., Conzen, K. D., Wolf, S., Tran, T. T.
2021; 25 (3): 200-207
- **SIMULATION FOR IDENTIFICATION OF KNOWLEDGE GAPS AMONG TRAINEES IN CRITICAL CARE SCENARIOS**
Stewart, E., Kugler, J., Lin, M.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Oxygen regulates tissue nitrite metabolism.** *Antioxidants & redox signaling*
Curtis, E., Hsu, L. L., Noguchi, A. C., Geary, L., Shiva, S.
2012; 17 (7): 951-61
- **Nitrite Potently Inhibits Hypoxic and Inflammatory Pulmonary Arterial Hypertension and Smooth Muscle Proliferation via Xanthine Oxidoreductase-Dependent Nitric Oxide Generation** *CIRCULATION*
Zuckerbraun, B. S., Shiva, S., Ifedigbo, E., Mathier, M. A., Mollen, K. P., Rao, J., Bauer, P. M., Choi, J. J., Curtis, E., Choi, A. M., Gladwin, M. T.
2010; 121 (1): 98-109
- **Depletion and restoration of the intravascular nitrite (NO₂⁻) reserve modulate susceptibility to liver vaso-occlusive-infarction in sickle cell trasgenic mice**
Hsu, L. L., Shiva, S., Noguchi, A., Curtis, E., MacArthur, P., Raat, N. J. H., Diwan, B. A., Schechter, A. N., Noguchi, C., Gladwin, M. T.
AMER SOC HEMATOLOGY.2007: 258A
- **Tissue dependent nitrite metabolism and NO production is regulated by oxygen**
Shiva, S., Curtis, E., Liu, G., Gladwin, M. T.
ELSEVIER SCIENCE INC.2007: S80