



Marisa Schwab

Clinical Assistant Professor, Surgery - Pediatric Surgery

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Pediatric Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Surgery - Pediatric Surgery
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pediatric Surgery (2025) CA
- Board Certification: General Surgery, American Board of Surgery (2023)
- Residency: UCSF Dept of General Surgery (2023) CA
- Medical Education: Georgetown University School of Medicine (2016) DC

Publications

PUBLICATIONS

- **Utility of Neonatal Chest X-ray in Patients with Prenatally Diagnosed Congenital Lung Malformations.** *Journal of pediatric surgery*
Schwab, M. E., Stottlemire, R., Khan, F. A.
2026: 163261
- **Not All Lucencies are Equal: Distinguishing Pneumatosis in Congenital Heart Disease from Necrotizing Enterocolitis.** *Pediatric cardiology*
Adams, M., E Schwab, M.
2026
- **US multicentre randomised controlled trial protocol: Comparing Analgesic Regimen Effectiveness and Safety after surgery trial for Kids (CARES for Kids).** *BMJ open*
Lee, J. S., Bicket, M. C., Mansfield, S. A., Rabbitts, J. A., Van Horn, A., Perrone, E. E., Chua, K. P., Voepel-Lewis, T., Waljee, J., Brummet, C., Hutmacher, C., Li, Y., Kelley-Quon, et al
2026; 16 (5): e118728

- **Single-cell spatiotemporal dissection of the human maternal-fetal interface.** *Nature*
Wang, C., Zhou, Y., Wang, Y., Guha, T. K., Luo, Z., Mustafaraj, A., McIntyre, T. I., Schwab, M. E., Davidson, B. R., Reeder, G. C., Wong, R. J., England, S. K., Gonzalez, et al
2026
- **Clinical Effectiveness Strategies to Improve Patient Outcomes After Pectus Excavatum Repair** *JOURNAL FOR HEALTHCARE QUALITY*
Schwab, M. E., Cohen, S., Bassett, H. K., Michel, D., Algaze, C. A., Esfahanian, M., Good, J., Chao, S. D.
2026; 48 (2)
- **Endobronchial Valves for Persistent Air Leak in Children: Two Case Reports and Review of the Literature.** *Pediatric pulmonology*
Demir, Z., Schwab, M. E., Balakrishnan, K., Sidell, D., Shaller, B., Free, D., Bozkanat, K. M.
2026; 61 (4): e71638
- **Infections following minimally invasive repair of pectus excavatum in pediatric patients: a multi-institutional retrospective cohort study of the Western Pediatric Surgery Research Consortium.** *Pediatric surgery international*
Brierley, S. F., Dao, K. T., Eldredge, R. S., Acker, S., Bain, A., Barq, R. M., Byrd, E., Chao, S. D., Clinker, C., Diaz-Miron, J. L., Gillory, L., Gopalan, M., Hyman, et al
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- **Opioid Prescriptions Practices Following the Minimally Invasive Repair of Pectus Excavatum: A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*
Kahan, A. M., Eldredge, R. S., Nicassio, L., Chao, S. D., Schwab, M. E., Diaz-Miron, J., Ibarra Meraz, A., Pandya, S. R., Ryan, M. L., Gillory, L. A., Lee, J. H., Ignacio, R. C., Keller, et al
2025: 162878
- **Gastrojejunostomy tubes are safe in patients ≤ 10 kg.** *Journal of pediatric gastroenterology and nutrition*
Schwab, M. E., Khan, R., Ibala, R., Khan, F. A., Chao, S. D.
2025
- **Pectus Excavatum Repair During Lung Transplantation in a 5-Year-Old: A Case Report.** *Interdisciplinary cardiovascular and thoracic surgery*
Schwab, M. E., Martin, E., Si, X., Chao, S. D.
2025; 40 (11)
- **Pediatric inguinal hernia: open versus laparoscopic approaches to surgical management.** *Current opinion in pediatrics*
Schwab, M., Khan, F., Kieran, K.
2025; 37 (5): 482-487
- **Antibiotic Stewardship in Pediatric Complicated Appendicitis: Assessing the Role of Oral Antibiotics after Discharge.** *Journal of pediatric surgery*
Thobani, H., Nepomuceno, H. M., Schwab, M. E., Emengo, P. O., Khan, R., Raymond, S. L., Shah, A. A., Mathew, R., Tirrell, T. F., Islam, S., Sylvester, K. G., Khan, F. A.
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- **Is There a Role for ERCP in the Management of Gallstone Pancreatitis in Children? A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*
Patwardhan, U. M., Sachs, G. F., Ignacio, R. L., Padilla, B., Lee, J., Acker, S. N., Jensen, A. R., Schwab, M., Russell, K. W., Roach, J., Kelley-Quon, L. I., Obinelo, A., Lofberg, et al
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- **Fourth branchial cleft cyst presenting as a mediastinal mass in a neonate: a case report** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Schwab, M. E., Balakrishnan, K., Chao, S. D.
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- **Pediatric Cholecystectomy Case Volume and Complexity Following the COVID-19 Pandemic** *PEDIATRICS*

- Keane, O. A., Ourshalimian, S., Ignacio, R., Acker, S., Jensen, A., Lofberg, K., Mueller, C., Padilla, B. E., Pandya, S., Rothstein, D. H., Russell, K. W., Smith, C., O'Guinn, et al
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- **Home Antibiotic Use after Appendectomy for Complicated Appendicitis Does Not Influence Outcomes in Children Without Postoperative Signs of Infection: A NSQIP-P Observational Study**
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 - **Barriers and facilitators to screening for intimate partner violence at a level 1 trauma center. *Surgery***
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 - **Prenatal AAV9-GFP administration in fetal lambs results in transduction of female germ cells and maternal exposure to virus. *Molecular therapy. Methods & clinical development***
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 - **Screening for Intimate Partner Violence in Trauma: Results of a Quality Improvement Project. *The Journal of surgical research***
Decker, H., Schwab, M., Shao, S., Kaki, D., Melhado, C., Cuschieri, J., Bongiovanni, T.
2024; 295: 376-384
 - **Portal Vein Thrombosis After Transarterial Embolization for Hepatocellular Carcinoma. *JAMA surgery***
Schwab, M. E., Decker, H. C., Monto, A., Sawhney, R., Corvera, C. U.
2024; 159 (3): 345-347
 - **Robotic repair of perineal hernias: a video vignette and review of the literature. *Surgical endoscopy***
Watanaskul, S., Schwab, M. E., Colley, A., Chern, H., Varma, M. G., Hoffman, W. Y., Sarin, A.
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 - **Pediatric DUCT Score: A Highly Specific Predictive Model for Choledocholithiasis in Children. *Journal of the American College of Surgeons***
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 - **Pandemic Recovery: Persistent Disparities in Access to Elective Surgical Procedures. *Annals of surgery***
Lin, J. A., Braun, H. J., Schwab, M. E., Pierce, L., Sosa, J. A., Wick, E. C.
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 - **Survey of intrauterine red blood cell (RBC) transfusion practices in the United States. *Transfusion***
Bakhtary, S., Panchalee, T., Crowe, E. P., Schwab, M. E., Zakieh, A., Josephson, C. D., Sobhani, N. C., Gonzalez-Velez, J. M., Goel, R.
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 - **In Utero Enzyme-Replacement Therapy for Infantile-Onset Pompe's Disease *NEW ENGLAND JOURNAL OF MEDICINE***
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 - **The impact of in utero transfusions on perinatal outcomes in patients with alpha thalassemia major: the UCSF registry. *Blood advances***
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 - **Oral Feeding in Infants After Congenital Diaphragmatic Hernia Repair While on Non-invasive Positive Pressure Ventilation: The Impact of a Dysphagia Provider-Led Protocol. *Dysphagia***
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 - **Investigating attitudes toward prenatal diagnosis and fetal therapy for spinal muscular atrophy *PRENATAL DIAGNOSIS***
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- **Comparison of advanced techniques for local excision of rectal lesions: a case series.** *BMC surgery*
Schwab, M. E., Hernandez, S., Watanaskul, S., Chern, H., Varma, M., Sarin, A.
2022; 22 (1): 117
- **A problem at any age: a case report of congenital malrotation with bowel ischemia in an 84-year-old.** *BMC surgery*
Schwab, M. E., Kramer, S. P., Bashi, A., Chung, T. P., Mueller, C. M.
1800; 22 (1): 35
- **Fetal therapies and trials for lysosomal storage diseases: a survey of attitudes of parents and patients.** *Orphanet journal of rare diseases*
Schwab, M. E., Brown, J. E., Lianoglou, B., Jin, C., Conroy, P. C., Gallagher, R. C., Harmatz, P., MacKenzie, T. C.
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- **Exome sequencing of fetuses with congenital diaphragmatic hernia supports a causal role for NR2F2, PTPN11, and WT1 variants.** *American journal of surgery*
Schwab, M. E., Dong, S., Lianoglou, B. R., Aguilar Lucero, A. F., Schwartz, G. B., Norton, M. E., MacKenzie, T. C., Sanders, S. J.
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- **Consensus statement for the perinatal management of patients with α thalassemia major.** *Blood advances*
MacKenzie, T. C., Amid, A., Angastiniotis, M., Butler, C., Gilbert, S., Gonzalez, J., Keller, R. L., Kharbanda, S., Kirby-Allen, M., Koenig, B. A., Kyono, W., Lal, A., Lianoglou, et al
2021; 5 (24): 5636-5639
- **Designing an Intimate Partner Violence Screening Program for Surgical Residents in Trauma.** *The Journal of surgical research*
Decker, H., Schwab, M. E., Wang, J., Rosser, M. L., Petersen, V., Berger, M., Stein, D. M., Bongiovanni, T.
2021; 267: 747-754
- **Factors and Growth Trends Associated With the Need for Gastrostomy Tube in Neonates With Congenital Diaphragmatic Hernia.** *Journal of pediatric gastroenterology and nutrition*
Schwab, M. E., Burke, S., Klarich, M. K., Vu, L. T.
2021; 73 (4): 555-559
- **Standardizing Discharge Opioid Prescriptions in Kidney Transplant Patients Decreases Opioid Usage.** *The Journal of surgical research*
Schwab, M. E., Braun, H. J., Quan, D., Roll, G. R., Budanova, N., Ascher, N. L., Hirose, R.
2021; 265: 153-158
- **Opioid use prior to liver transplant is associated with increased risk of death after transplant.** *American journal of surgery*
Braun, H. J., Schwab, M. P., Jin, C., Amara, D., Mehta, N. J., Grace, T. R., Croci, R., Freise, C. E., Roberts, J. P., Hirose, R., Ascher, N. L.
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- **Live Donor Liver Transplantation in the United States: Impact of Share 35 on Live Donor Utilization.** *Transplantation*
Braun, H. J., Dodge, J. L., Grab, J. D., Schwab, M. E., Liu, I. H., Glencer, A. C., Stock, P. G., Hirose, R., Roberts, J. P., Ascher, N. L.
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- **Racial/ethnic disparities among women receiving intrauterine transfusions for alloimmunization at a single fetal treatment center** *TRANSFUSION*
Schwab, M. E., Schmidt, C. N., Gonzalez-Velez, J. M., Bakhtary, S.
2021; 61 (7): 2019-2024
- **The natural history of fetal gallstones: a case series and updated literature review** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
Schwab, M. E., Braun, H. J., Feldstein, V. A., Nijagal, A.
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- **De novo somatic mutations and KRAS amplification are associated with cholangiocarcinoma in a patient with a history of choledochal cyst.** *Journal of pediatric surgery*

- Schwab, M. E., Song, H., Mattis, A., Phelps, A., Vu, L. T., Huang, F. W., Nijagal, A.
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- **Implementing an opioid reduction protocol in renal transplant recipients.** *American journal of surgery*
Schwab, M. E., Braun, H. J., Ascher, N. L., Hirose, R.
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 - **Surgical management of middle aortic syndrome in an adult.** *Journal of vascular surgery cases and innovative techniques*
Luu, H. Y., Pulcrano, M. E., Hua, H. T.
2020; 6 (1): 38-40
 - **Imaging modalities and management of prenatally diagnosed suprarenal masses: an updated literature review and the experience at a high volume Fetal Treatment Center** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
Schwab, M. E., Braun, H. J., Padilla, B. E.
2022; 35 (2): 308-315
 - **The Utility of ECMO After Liver Transplantation: Experience at a High-volume Transplant Center and Review of the Literature.** *Transplantation*
Braun, H. J., Pulcrano, M. E., Weber, D. J., Padilla, B. E., Ascher, N. L.
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 - **Meta-Analysis of Surgeon Burnout Syndrome and Specialty Differences.** *Journal of surgical education*
Bartholomew, A. J., Houk, A. K., Pulcrano, M., Shara, N. M., Kwagyan, J., Jackson, P. G., Sosin, M.
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 - **Quality of Life and Burnout Rates Across Surgical Specialties: A Systematic Review.** *JAMA surgery*
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 - **The impact of gross anatomy laboratory on first year medical students' interest in a surgical career.** *Clinical anatomy (New York, N.Y.)*
Pulcrano, M. E., Malekzadeh, S., Kumar, A.
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 - **Laparoscopic Excision of Congenital Hepatic Cysts in the Pediatric Population: A Case Series and Literature Review.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*
Linden, A. F., Pulcrano, M. E., Duffy, B. J., Lange, P. A., Tsung, D. Y., Hartman, G. E., Kane, T., Chahine, A. A.
2016; 26 (6): 493-7
 - **Putting residents in the office: an effective method to teach the systems-based practice competency.** *Journal of surgical education*
Pulcrano, M., Chahine, A. A., Saratsis, A., Divine-Cadavid, J., Narra, V., Evans, S. R.
2015; 72 (2): 286-90
 - **Giant juvenile fibroadenoma: a systematic review with diagnostic and treatment recommendations.** *Gland surgery*
Sosin, M., Pulcrano, M., Feldman, E. D., Patel, K. M., Nahabedian, M. Y., Weissler, J. M., Rodriguez, E. D.
2015; 4 (4): 312-21
 - **Transcartilaginous ear piercing and infectious complications: a systematic review and critical analysis of outcomes.** *The Laryngoscope*
Sosin, M., Weissler, J. M., Pulcrano, M., Rodriguez, E. D.
2015; 125 (8): 1827-34
 - **Affiliations between bacteria and marine fish leeches (Piscicolidae), with emphasis on a deep-sea species from Monterey Canyon, CA.** *Environmental microbiology*
Goffredi, S. K., Morella, N. M., Pulcrano, M. E.
2012; 14 (9): 2429-44