



## Stephanie D. Chao, MD FACS FAAP

Associate Professor of Surgery (Pediatric Surgery) and, by courtesy, of Pediatrics

Surgery - Pediatric Surgery

### CLINICAL OFFICE (PRIMARY)

- **Center for Academic Medicine Pediatric General Surgery**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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## Bio

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### CLINICAL FOCUS

- Pediatric Surgery
- Pediatric Trauma
- Neonatal Surgery
- Pancreatic and biliary disease
- Minimal Access Surgery
- Chest Wall Deformities
- Pediatric Oncology
- Congenital Diaphragmatic Hernia
- Anorectal Malformations

### ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Surgery - Pediatric Surgery
- Associate Professor - University Medical Line (By courtesy), Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

### ADMINISTRATIVE APPOINTMENTS

- Associate Chair of Surgery, Department of Surgery, (2024- present)
- Trauma Medical Director, Lucile Packard Children's Hospital at Stanford, (2017- present)
- Crisis Care Triage Officer, Lucile Packard Children's Hospital Stanford, (2021- present)
- Director, Chest Wall Program, Stanford Children's Health, (2016- present)

- Course Director, Division of Pediatric Surgery Continuing Medical Education, (2015- present)
- Surgical Representative, LPCH Operating Room Local Improvement Team (LIT), (2013- present)

## **HONORS AND AWARDS**

- UCSF 2025 Alum of the Year Award, UCSF Medical Alumni Association (April 2025)
- Presidential Leadership Scholar, George W. Bush, Bill Clinton, George H.W. Bush, Lyndon B. Johnson Presidential Centers (2024)
- Non-Accidental Trauma Award, AAP Section on Surgery (Oct 2020)
- Asian Pacific American Heritage Month Honoree, NBC, Asian Americans for Community Involvement (AACI) (2019)
- Best Abstract Award, IRCAD France - Research Institute against Digestive Cancer (2019)
- Certificate of Recognition, California State Assembly (2019)
- Certificate of Special Congressional Recognition, Office Congresswoman Anna Eschoo, CA 18th Congressional District (2019)
- Coolest Tricks Award, International Pediatric Endosurgery Group (IPEG) (2019)
- Hepatitis Testing Innovation Contest Commendation Award, European Association for the Study of the Liver(EASL)/World Health Organization (2016)
- Lloyd Nyhus Travel Scholar, US International Surgical Society (2015)
- Hilary Sanfey Outstanding Resident (awarded to most outstanding female surgery resident in the US), Association of Women Surgeons (2012)
- Best Poster Presentation, SNMA Annual Medical Education Conference (2011)
- Samuel L. Kountz Humanitarian Award, Stanford University (2009)
- Residents in Radiology Executive Council Award (Outstanding Poster), American Roentgen Ray Society (2005)
- Research Fellowship, University of California Dean's Research Grant (2003)
- Research Scholarship, Child Neurology Foundation (2003)
- Aces for Campus Excellence, Doublemint (2002)
- Phi Beta Kappa, Phi Beta Kappa Society (2002)
- Research fellowship, Howard Hughes Medical Institute Summer Research Fellowship (2001)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, American Association for the Surgery of Trauma (AAST) (2020 - present)
- Member, Pediatric Trauma Society (2016 - present)
- Fellow, American Academy of Pediatrics (2014 - present)
- Member, American Pediatric Surgical Association (2014 - present)
- Member, Association of Women Surgeons (2013 - present)
- Board of Directors, National Resident Matching Program (NRMP) (2010 - 2012)
- Invited Consultant, World Health Organization (WHO), Western Pacific Region - Laos (2010 - 2010)
- Advisory Committee, California Viral Hepatitis Clinical Task Force (2009 - present)
- Advisory Committee, Immunization Action Coalition – Birth Dose Project (2009 - present)
- Taskforce Member, National Hepatitis B Task Force (2009 - present)
- Advisory Committee, Viral Hepatitis and Liver Cancer Prevention Control Act 2009 (US Congressional Bill# H.R. 3974) (2009 - 2009)
- Fellow, American College of Surgeons (2006 - present)

## **PROFESSIONAL EDUCATION**

- Residency: Stanford University Dept of General Surgery (2013) CA
- Fellowship: Stanford University Pediatric Surgery (2015) CA

- Board Certification: Pediatric Surgery, American Board of Surgery (2016)
- Board Certification: General Surgery, American Board of Surgery (2013)
- Medical Education: University of California San Francisco (2006) CA

## **COMMUNITY AND INTERNATIONAL WORK**

- P.L.E.D.G.E
- Jade Ribbon Campaign, China, Vietnam, Laos, Korea, Philippines
- Hep B Moms, China, Vietnam, Laos, Korea, Philippines

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Dr. Stephanie Chao is an Associate Professor and Associate Chair of Professional Development in the Department of Surgery at Stanford University. She also serves as the Trauma Medical Director at Lucile Packard Children's Hospital Stanford. Dr. Chao is a practicing pediatric surgeon caring for children from birth until adulthood. Dr. Chao is also the Principal Investigator of the Chao Lab which focuses on translational research to bridge research into prevention, informed by the lessons gained at the bedside. The Chao Lab has active studies in injury prevention and improving pediatric trauma care; the lab has two core focuses 1) improving child abuse detection and 2) reducing firearm injuries in children. Her approach involves implementing educational programs and fostering community-based activism to address the root causes. The lab's P.L.E.D.G.E. campaign is a school-based curriculum for K-12 children focused on firearm safety, safe storage, and mental health awareness to reduce firearm related injury and death among children. The P.L.E.D.G.E Campaign challenges students to Prevent, Learn, Educate, Deter, Guard against, and Empower each other and their communities to improve gun safety. Dr. Chao firmly believes in the transformative power of education and community engagement. By emphasizing gun safety rather than focusing solely on gun control, she aims to bridge the political divide and promote a comprehensive strategy that protects young all people. For her work in the community, Dr. Chao was selected as one an honoree in the 2024 class of Presidential Leadership Scholars, a unique leadership development program and partnership among the presidential centers of George W. Bush, William J. Clinton, George H.W. Bush, and Lyndon B. Johnson. Dr. Chao has also been recognized as a National Broadcasting Corporation (NBC) Bay Area Asian Pacific American Heritage Month Honoree. She received her B.S. in Biological Sciences from Stanford University. She received her M.D. from the University of California San Francisco and was honored as the UCSF 2025 Medical Alumni of the Year.

### **CLINICAL TRIALS**

- Lap-assisted vs. US-Guided Visualization of TAP Blocks, Not Recruiting
- Use of Virtual Reality for Pediatric Minor Surgical Procedures, Not Recruiting
- Longitudinal Virtual Reality Use in Pediatric Surgical Procedures, Not Specified

### **PROJECTS**

- Elucidating racial bias in the identification of child abuse
- Understanding the toll of pediatric firearms injuries
- Early screening of PTSD following injury during childhood
- PLEDGE
- Understanding the impact of medical comorbidities on child abuse incidence
- Pediatric Trauma Outcomes
- Chest Wall Deformities: 3D imaging
- The Jade Ribbon Campaign

## Publications

### PUBLICATIONS

- **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
- **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)
- **A national database study of adjuvant steroids following Kasai portoenterostomy for biliary atresia.** *Pediatric surgery international*  
Liang, N. E., Thobani, H., Moturu, A., Suh, E., Islam, S., Fell, G. L., Hyun, J. S., Sylvester, K. G., Chao, S. D., Dunn, J. C., Khan, F. A.  
2026; 42 (1)
- **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  
2026; 42 (1)
- **Corrigendum to "Development of a universal child abuse screening tool (U-CAST): A qualitative analysis of medical expert perspectives" [Child Abuse & Neglect 172 (2026) start page (2)-end page (3)/107838].** *Child abuse & neglect*  
Chen, P., Peterson, M. E., Morris, A. M., Davis-Lopez, K. M., Cosby, Z., Harnish, E., Gamble, J., Chao, S. D.  
2026; 174: 107940
- **Communication as a core non-technical skill in pediatric surgery: existing frameworks and potential implementation in training programs.** *Pediatric surgery international*  
Paraboschi, I., Lovvorn, H. N., Ieiri, S., Chao, S. D., Pelizzo, G., Morabito, A., Blanie, A., Rolle, U., Losty, P. D., Pio, L.  
2026; 42 (1): 74
- **Western pediatric cervical spine study: an observational prospective Western Pediatric Surgery Research Consortium and Western Trauma Association multicenter study protocol** *TRAUMA SURGERY & ACUTE CARE OPEN*  
Eldredge, R., Kahan, A., Padilla, B. E., Patwardhan, U. M., Presson, A. P., Larsen, K., Lee, J. H., Ostlie, D. J., Jensen, A. R., Melhado, C. G., Ignacio, R. C., Chao, S. D., Ravindra, et al  
2026; 11 (1): e001728
- **Surgeon Annual Volume Impacts Recurrence Rates of Pediatric Inguinal Hernia Repairs: A Multi-Institutional Study.** *Journal of pediatric surgery*  
Heller, K., Ochoa, B. V., Brierley, S., Padilla, B. E., Pediatric Inguinal Hernia Collaborative Group, Alhajjat, A., Byrd, E., Chao, S. D., Clinker, C., Diaz-Miron, J., Dantes, G., Eldredge, R. S., Fialkowski, E. A., et al  
2025: 162890
- **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
- **Development of a universal child abuse screening tool (U-CAST): A qualitative analysis of medical expert perspectives.** *Child abuse & neglect*  
Chen, P., Peterson, M. E., Morris, A., Davis-Lopez, K. M., Cosby, Z., Harnish, E., Gamble, J., Chao, S. D.  
2025; 172: 107838
- **Gastrojejunostomy tubes are safe in patients ≤10kg.** *Journal of pediatric gastroenterology and nutrition*  
Schwab, M. E., Khan, R., Ibalá, 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)
- **Effect of a pediatric surgeon's primarily performed technique on inguinal hernia recurrence rates: A multicenter retrospective cohort study.** *Journal of pediatric surgery*  
Heller, K., Ochoa, B. V., Brierley, S. F., Padilla, B. E., Pediatric Inguinal Hernia Collaborative Group, Alhajjat, A., Byrd, E., Chao, S. D., Clinker, C. E., Diaz-Miron, J., Dantes, G., Eldredge, R. S., Fialkowski, E. A., et al  
2025; 60 (12): 162688
- **Percutaneous pigtail catheter versus chest tube for the treatment of pediatric traumatic hemothorax: An Eastern Association for the Surgery of Trauma multicenter study.** *The journal of trauma and acute care surgery*  
Goodman, L. F., Martino, A. M., Schomberg, J., Sciarretta, J. D., Freedberg, M., Santos, A., Taghavi, S., Tafazoli, M., Shatz, D. V., Doyle, K. E., Koenig, S. M., Russel, R. T., Sanderfer, et al  
2025
- **Metabolic and bariatric surgery in adolescents compared to young adults: an MBSAQIP database analysis.** *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery*  
Shacker, M., Chao, S. D., Chinn, J. O., Fell, G. L., Mueller, C. M., Pratt, J. S.  
2025
- **Adjuvant steroids following Kasai portoenterostomy for biliary atresia: a single-center 18-year experience comparing different steroid dose regimens.** *Pediatric surgery international*  
Liang, N. E., Danzer, E., Hyun, J. S., Chao, S. D., Bruzoni, M., Dunn, J. C.  
2025; 41 (1): 258
- **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  
2025: 162595
- **Feeling the difference: Long-term Sensory Outcomes Following the Minimally Invasive Repair of Pectus Excavatum with and without Intercostal Nerve Cryoablation: a multicenter prospective observation study.** *Journal of pediatric surgery*  
Eldredge, R. S., Ochoa, B., Heller, K., Russell, K. W., Moore, Z. J., Chao, S. D., Sabapaty, A., Diaz-Miron, J., Weber, N. T., Rassam, K., Khoury, E., Soni, C., Ignacio, et al  
2025: 162539
- **Pleural drain placement following lung resection in children: A prospective observational study of the Western Pediatric Surgery Research Consortium.** *Journal of pediatric surgery*  
Kahan, A. M., Kelley-Quon, L. I., Acker, S. N., Vincent, S., Chao, S. D., Nepomuceno, H., Lee, J. H., Padilla, B. E., Ignacio, R. C., Fialkowski, E. A., Fowler, K. L., Cairo, S. B., Munar, et al  
2025: 162541
- **Effect of Activity Restrictions on Pectus Bar Displacement Following Minimally Invasive Repair of Pectus Excavatum - A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*  
Eldredge, R. S., Padilla, B. E., Kahan, A. M., Nicassio, L., Chao, S. D., Schwab, M., Diaz-Miron, J., Ibarra, A., Pandya, S., Ryan, M., Gillory, L., Lee, J., Ignacio, et al  
2025: 162520
- **Comparison of Postoperative Antibiotic Protocols for Pediatric Complicated Appendicitis: A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*  
Patwardhan, U. M., Kahan, A., Eldredge, R. S., Russell, K. W., Lee, J., Short, S. S., Padilla, B., Cairo, S. B., Acker, S. N., Jensen, A. R., Kelley-Quon, L. I., Rothstein, D. H., Fialkowski, et al  
2025: 162461
- **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.  
2025; 117

- **BA-ECM Score: Automated Quantification of Liver Fibrosis Architecture in Biliary Atresia with Potential for Prognostic Value - A Pilot Study.** *Annals of surgery*  
Liang, N. E., Guo, J. L., Griffin, M. F., Bauer-Rowe, K. E., Narang, A., Januszyk, M., Fell, G. L., Dunn, J. C., Chao, S. D., Tan, S. Y., Longaker, M. T., Hyun, J. S.  
2025
- **Victim-Shooter Relationships in Mass Shootings Involving Child Victims.** *JAMA pediatrics*  
Emengo, P., Strobe, J. D., Sabapaty, A., Martin, N. R., Rafeeqi, T., Stevenson, A., Fawzy, Y., Chao, S. D.  
2025
- **Comparison of Postoperative Antibiotic Protocols for Pediatric Complicated Appendicitis: A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*  
Patwardhan, U. M., Kahan, A., Eldredge, R. S., Russell, K. W., Lee, J., Short, S. S., Padilla, B., Cairo, S. B., Acker, S. N., Jensen, A. R., Kelley-Quon, L. I., Rothstein, D. H., Fialkowski, et al  
2025; 60 (4): 162165
- **Racial and Ethnic Disparities in Child Abuse Identification and Inpatient Treatment.** *JAMA network open*  
Salimi-Jazi, F., Liang, N. E., Huang, Z., Tennakoon, L., Rafeeqi, T., Trickey, A., Chao, S. D.  
2024; 7 (12): e2451588
- **Surgical Management of Pediatric Dog Bites: A Systematic Review and Treatment Guideline.** *Journal of pediatric surgery*  
Cunningham, A., Camilon, T., Chao, S.  
2024: 161984
- **Beyond Physical Injury: Routine Screening for Acute Stress Disorder and Posttraumatic Stress Disorder in Pediatric Trauma Patients - A Longitudinal Cohort Pilot Study.** *Journal of pediatric surgery*  
Liang, N. E., Alvarez, K., Dalusag, K., Chan, K., Bunnell, B., Stroud, M., Steele, K., Chao, S. D.  
2024: 161982
- **Response to the Letter to the Editor Regarding 'Let Kids Play: Using Virtual Reality as a Substitute for General Anesthesia for Minor Procedures in Pediatric Population'.** *Journal of pediatric surgery*  
Salimi-Jazi, F., Sabapaty, A., Dalusag, K. S., Abrajano, C., Nguyen, J., Robinson, B., Caruso, T. J., Rodriguez, S., Hartman, G., Chao, S. D.  
2024: 161685
- **A Survey of Current Approaches to Inguinal Hernia Repair by Pediatric General Surgeons in the United States.** *Journal of pediatric surgery*  
Ochoa, B. V., Eldredge, R. S., Padilla, B. E., Pediatric Inguinal Hernia Collaborative Group, Alhajjat, A. M., Chao, S. D., Clifton, M. S., Diaz-Miron, J. L., Fialkowski, E. A., Guner, Y. S., Gurria, J. P., Jensen, A. R., Keane, O. A., et al  
2024
- **Corrigendum to "Cervical Collar-Associated Pressure Injury in Pediatric Trauma Patients: A Western Pediatric Surgery Research Consortium Study" [J Pediatr Surg 59 (2024) 326-330].** *Journal of pediatric surgery*  
Melhado, C., Russell, K. W., Acker, S. N., Padilla, B. E., Lofberg, K., Spurrier, R. G., Robinson, B., Chao, S., Ignacio, R. C., Ryan, M., Jensen, A. R., Western Pediatric Surgery Research Consortium Cervical Spine Injury Study Group, Auguste, K., et al  
2024
- **The Sensitivity of Limited-Sequence MRI in Identifying Pediatric Cervical Spine Injury: A Western Pediatric Surgery Research Consortium Multicenter Retrospective Cohort Study.** *The journal of trauma and acute care surgery*  
Melhado, C., Durand, R., Russell, K. W., Polukoff, N. E., Rampton, J., Iyer, R. R., Acker, S. N., Koehler, R., Prendergast, C., Stence, N., O'Neill, B., Padilla, B. E., Jamshidi, et al  
2024
- **Decision-Making in Pleural Drainage Following Lung Resection in Children: A Western Pediatric Surgery Research Consortium Survey.** *Journal of pediatric surgery*  
Schnuck, J. K., Acker, S. N., Kelley-Quon, L. I., Lee, J. H., Shew, S. B., Fialkowski, E., Ignacio, R. C., Melhado, C., Qureshi, F. G., Russell, K. W., Rothstein, D. H., Western Pediatric Surgery Research Consortium, Cairo, S., et al  
2024
- **Let Kids Play: Using Virtual Reality as a Substitute for General Anesthesia for Minor Procedures in Pediatric Population.** *Journal of pediatric surgery*  
Salimi-Jazi, F., Sabapaty, A., Santos Dalusag, K., Abrajano, C., Nguyen, J., Robinson, B., Caruso, T. J., Rodriguez, S., Hartman, G., Chao, S. D.  
2024

- **A multicenter evaluation of pediatric emergency department injury visits during the COVID-19 pandemic.** *Injury epidemiology*  
Hanson, H. R., Formica, M., Laraque-Arena, D., Zonfrillo, M. R., Desai, P., O'Neil, J. O., Unni, P., Johnson, E. L., Cobb, P., Agarwal, M., Beckworth, K., Schroter, S., Strotmeyer, et al  
2023; 10 (1): 66
- **Structural Sequelae of the COVID Pandemic: The Youth Mental Health Crisis.** *Pediatrics*  
Narayan, A., Chao, S. D.  
2023
- **Cervical Collar-Associated Pressure Injury in Pediatric Trauma Patients: A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*  
Melhado, C., Russell, K. W., Acker, S. N., Padilla, B. E., Lofberg, K., Spurrier, R. G., Robinson, B., Chao, S., Ignacio, R. C., Ryan, M., Jensen, A. R.  
2023
- **SCAN for Abuse: Electronic Health Record-Based Universal Child Abuse Screening.** *Journal of pediatric surgery*  
Martin, N. R., Claypool, A. L., Diyaolu, M., Chan, K. S., A'Neals, E., Iyer, K., Stewart, C. C., Egge, M., Bernacki, K., Hallinan, M., Zuo, L., Gupta, U., Naru, et al  
2023
- **Outcomes of Extracorporeal Life Support Utilization for Pediatric Patients With COVID-19 Infections.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*  
Jacobson, J. C., Ryan, M. L., Vogel, A. M., Mehl, S. C., Acker, S. N., Prendergast, C., Padilla, B. E., Lee, J., Chao, S. D., Martin, N. R., Russell, K. W., Larsen, K., Harting, et al  
2023
- **Complications Associated with Subsequent Vascular Access in Pediatric ECMO Patients.** *Journal of pediatric surgery*  
Chan, K. S., Martin, N., Rafeeqi, T., Salimi-Jazi, F., Chao, S.  
2023
- **Parental Health Mindset is Related to Preoperative Perceptions of Chest Wall Anomalies.** *The Journal of surgical research*  
Chao, S., Mu, Q. S., Austin, J., Mueller, C. M.  
2023; 284: 318-321
- **Disparities in detection of suspected child abuse.** *Journal of pediatric surgery*  
Diyaolu, M., Ye, C., Huang, Z., Han, R., Wild, H., Tennakoon, L., Spain, D. A., Chao, S. D.  
2022
- **Trends in Adolescent Bariatric Procedures: a 15-Year Analysis of the National Inpatient Survey.** *Obesity surgery*  
Salimi-Jazi, F., Chkhikvadze, T., Shi, J., Pourmehdi-Lahiji, A., Moshksar, A., Rafeeqi, T. A., Pratt, J., Bruzoni, M., Chao, S.  
2022
- **Burden of pilonidal disease and improvement in quality of life after treatment in adolescents.** *Pediatric surgery international*  
Salimi-Jazi, F., Abrajano, C., Garza, D., Rafeeqi, T., Yousefi, R., Hartman, E., Hah, K., Wilcox, M., Diyaolu, M., Chao, S., Su, W., Hui, T., Mueller, et al  
2022
- **Adoption of a standardized treatment protocol for pilonidal disease leads to low recurrence.** *Journal of pediatric surgery*  
Rafeeqi, T., Abrajano, C., Salimi-Jazi, F., Garza, D., Hartman, E., Hah, K., Wilcox, M., Diyaolu, M., Chao, S., Su, W., Hui, T., Mueller, C., Fuchs, et al  
2022
- **Unintended Consequences of COVID-19 on Pediatric Falls From Windows: A Multicenter Study.** *The Journal of surgical research*  
Theodorou, C. M., Brown, E. G., Jackson, J. E., Castle, S. L., Chao, S. D., Beres, A. L.  
2022; 279: 187-192
- **Ultrasound Verification of Laparoscopic-Assisted Transversus Abdominis Plane Blocks in Children Undergoing Laparoscopic Procedures.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*  
Taylor, J. S., Ramamurthi, R. J., Austin, J., Gibson, M., Diyaolu, M., Munshey, F., McFadyen, G., Tsui, B., Chao, S. D.  
1800
- **Relationship Between Comorbidities and Child Abuse: A National Trauma Data Bank Study**  
Diyaolu, M., Ye, C., Chao, S. D.

ELSEVIER SCIENCE INC.2021: S190

- **Child physical abuse and COVID-19: Trends from nine pediatric trauma centers.** *Journal of pediatric surgery*  
Russell, K. W., Acker, S. N., Ignacio, R. C., Lofberg, K. M., Garvey, E. M., Chao, S. D., Bliss, D. W., Smith, C. A., Nehra, D., Anderson, M. L., Bunnell, B. L., Shahi, N., Perry, et al  
2021
- **Mental health outcomes in pediatric trauma patients: A 10 year real world analysis using a large database approach.** *Journal of pediatric surgery*  
Chandler, J. M., Chan, K. S., Han, R., Chao, S. D.  
2021
- **Epidemiology of pediatric trauma during the COVID-19 pandemic shelter in place.** *Surgery open science*  
Bessoif, K. E., Han, R. W., Cho, M., Stroud, M., Urrechaga, E. M., Thorson, C. M., Russell, K. W., Rohan, A., Acker, S. N., Swain, S., Malvezzi, L., Fuchs, J. R., Chao, et al  
2021; 6: 5-9
- **Commentary: Lighting the way forward for clinical decision making in pectus excavatum.** *Seminars in thoracic and cardiovascular surgery*  
Chao, S. D.  
2021
- **Small surgeries, big smiles: using virtual reality to reduce the need for sedation or general anesthesia during minor surgical procedures.** *Pediatric surgery international*  
Taylor, J. S., Chandler, J. M., Menendez, M., Diyaolu, M., Austin, J. R., Gibson, M. L., Portelli, K. I., Caruso, T. J., Rodriguez, S., Chao, S. D.  
2021
- **Re: JSLS. 2020;24(3);e2020.00032. DOI: 10.4293/JSLS.2020.00032. Laparoscopic Posterior versus Lateral Transversus Abdominis Plane Block in Gynecology.** *JSLS : Journal of the Society of Laparoendoscopic Surgeons*  
Austin, J. R., Chao, S. D.  
2021; 25 (2)
- **Laparoscopic versus ultrasound-guided visualization of transversus abdominis plane blocks.** *Journal of pediatric surgery*  
Diyaolu, M., Taylor, J., Austin, J., Gibson, M., Ramamurthi, R. J., Tsui, B., Chao, S.  
2021
- **Does shock index, pediatric age-adjusted predict mortality by trauma center type?** *The journal of trauma and acute care surgery*  
Austin, J. R., Ye, C., Lee, M. O., Chao, S. D.  
2021; 91 (4): 649-654
- **Financial burden of pediatric firearm-related injury admissions in the United States.** *PLoS one*  
Taylor, J. S., Madhavan, S., Han, R. W., Chandler, J. M., Tenakoon, L., Chao, S.  
2021; 16 (6): e0252821
- **Firearm Legislation Stringency and Firearm-Related Fatalities among Children in the US** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*  
Madhavan, S., Taylor, J. S., Chandler, J. M., Staudenmayer, K. L., Chao, S. D.  
2019; 229 (2): 150–57
- **Correction to: Delayed appearance of mature ganglia in an infant with an atypical presentation of total colonic and small bowel aganglionosis: a case report.** *BMC pediatrics*  
Salimi Jazi, F., Chandler, J. M., Thorson, C. M., Sinclair, T. J., Hazard, F. K., Kerner, J. A., Dutta, S., Dunn, J. C., Chao, S. D.  
2019; 19 (1): 172
- **Delayed appearance of mature ganglia in an infant with an atypical presentation of total colonic and small bowel aganglionosis: a case report** *BMC PEDIATRICS*  
Jazi, F., Chandler, J. M., Thorson, C. M., Sinclair, T. J., Hazard, F. K., Kerner, J. A., Dutta, S., Dunn, J. C. Y., Chao, S. D.  
2019; 19
- **Delayed appearance of mature ganglia in an infant with an atypical presentation of total colonic and small bowel aganglionosis: a case report.** *BMC pediatrics*  
Salimi Jazi, F., Chandler, J. M., Thorson, C. M., Sinclair, T. J., Hazard, F. K., Kerner, J. A., Dutta, S., Dunn, J. C., Chao, S. D.

2019; 19 (1): 93

- **Firearm Legislation Stringency and Firearm-Related Fatalities among Children in the United States.** *Journal of the American College of Surgeons*  
Madhavan, S., Taylor, J. S., Chandler, J. M., Staudenmayer, K. L., Chao, S. D.  
2019
- **Letter to the Editor: Early Consequences of Pectus Excavatum Surgery on Self-Esteem and General Quality of Life** *WORLD JOURNAL OF SURGERY*  
Darling, C., Chao, S., Ramamurthi, R., Tsui, B.  
2019; 43 (3): 963–64
- **Management of hepatitis B infected pregnant women: a cross-sectional study of obstetricians.** *BMC pregnancy and childbirth*  
Chao, S. D., Cheung, C. M., Chang, E. T., Pei, A. n., So, S. K.  
2019; 19 (1): 275
- **3D Optical Imaging for Pectus Excavatum Assessment.** *The Annals of thoracic surgery*  
Taylor, J. S., Madhavan, S. n., Szafer, D. n., Pei, A. n., Koppolu, R. n., Barnaby, K. n., Wall, J. K., Chao, S. D.  
2019
- **Impact of licensed federal firearm suppliers on firearm-related mortality**  
Chao, S. D., Kastenber, Z. J., Madhavan, S., Staudenmayer, K.  
LIPPINCOTT WILLIAMS & WILKINS.2019: 123–27
- **Algorithm for Calculating Haller Index for Pectus Excavatum Using 3-Dimensional Optical Scanning**  
Taylor, J. S., Szafer, D., Madhavan, S., Hasseini, S., Pei, A., Koppolu, R., Barnaby, K. D., Danzer, E., Wall, J. K., Chao, S.  
ELSEVIER SCIENCE INC.2018: S192
- **Strict Firearm Legislation Is Associated with Lower Firearm-Related Fatalities among Children and Teens in the US**  
Chao, S. D., Madhavan, S.  
ELSEVIER SCIENCE INC.2018: E33–E34
- **Impact of Licensed Federal Firearm Suppliers on Firearm-Related Mortality.** *The journal of trauma and acute care surgery*  
Chao, S. D., Kastenber, Z. J., Madhavan, S., Staudenmayer, K. L.  
2018
- **A Simplified Method for Three-Dimensional Optical Imaging and Measurement of Patients with Chest Wall Deformities.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*  
Szafer, D., Taylor, J. S., Pei, A., de Ruijter, V., Hosseini, H., Chao, S., Wall, J.  
2018
- **A Simplified Method for Three-Dimensional Optical Imaging and Measurement of Patients with Chest Wall Deformities**  
Szafer, D., Taylor, J. S., Pei, A., de Ruijter, V., Hosseini, H., Chao, S., Wall, J.  
MARY ANN LIEBERT, INC.2019: 267–71
- **Initial experience with peroral endoscopic myotomy for treatment of achalasia in children** *JOURNAL OF PEDIATRIC SURGERY*  
Kethman, W. C., Thorson, C. M., Sinclair, T. J., Berquist, W. E., Chao, S. D., Wall, J. K.  
2018; 53 (8): 1532–36
- **Letter to the Editor: Early Consequences of Pectus Excavatum Surgery on Self-Esteem and General Quality of Life.** *World journal of surgery*  
Darling, C., Chao, S., Ramamurthi, R., Tsui, B.  
2018
- **Pleomorphic myxoid liposarcoma in an adolescent with Li-Fraumeni syndrome.** *Pediatric surgery international*  
Sinclair, T. J., Thorson, C. M., Alvarez, E., Tan, S., Spunt, S. L., Chao, S. D.  
2017
- **Initial experience with peroral endoscopic myotomy for treatment of achalasia in children.** *Journal of pediatric surgery*  
Kethman, W. C., Thorson, C. M., Sinclair, T. J., Berquist, W. E., Chao, S. D., Wall, J. K.  
2017

- **A multidisciplinary approach to laparoscopic sleeve gastrectomy among multiethnic adolescents in the United States.** *Journal of pediatric surgery*  
Jaramillo, J. D., Snyder, E. n., Farrales, S. n., Stevens, M. n., Wall, J. K., Chao, S. n., Morton, J. n., Pratt, J. S., Hammer, L. n., Shepard, W. E., Bruzoni, M. n.  
2017
- **A Multidisciplinary Approach to Laparoscopic Sleeve Gastrectomy Among Multiethnic Adolescents in the United States**  
Jaramillo, J. D., Snyder, E., Farrales, S., Wall, J. K., Chao, S., Hammer, L. D., Albanese, C., Morton, J. M., Bruzoni, M.  
ELSEVIER SCIENCE INC.2016: E153
- **Case Report: Rapid staged abdominal closure using Gore-Tex (R) mesh as a bridge to primary omphalocele sac closure** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*  
Kethman, W. C., Sinclair, T. J. C., Abrajano, C. T., Chao, S., Wall, J. K.  
2016; 9: 37–39
- **Endoscopic Division of Duodenal Web Causing Near Obstruction in 2-Year-Old with Trisomy 21** *JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES*  
Wood, L. S., Kastenber, Z., Sinclair, T., Chao, S., Wall, J. K.  
2016; 26 (5): 413-417
- **Salvage of a failed open gastrocutaneous fistula repair with an endoscopic over-the-scope clip** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*  
Jaramillo, J., Hyun, J., Abrajano, C., Koppolu, R., Chao, S., Hartman, G., Wall, J.  
2016; 8: 40–41
- **Multimodality Renal Failure in a Patient with OEIS Complex.** *AJP reports*  
Santoro, J. D., Chao, S., Hsieh, M. H., Lee, H. C.  
2015; 5 (2): e161-4
- **Medical training fails to prepare providers to care for patients with chronic hepatitis B infection.** *World journal of gastroenterology*  
Chao, S. D., Wang, B., Chang, E. T., Ma, L., So, S. K.  
2015; 21 (22): 6914-6923
- **Initial Results of Endoscopic Gastrocutaneous Fistula Closure in Children Using an Over-the-Scope Clip.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*  
Wright, R., Abrajano, C., Koppolu, R., Stevens, M., Nyznyk, S., Chao, S., Bruzoni, M., Wall, J.  
2015; 25 (1): 69-72
- **Introduction of the Per-Oral Endoscopic Myotomy Technique to Pediatric Surgical Practice** *J Pediatr Surg Case Rep*  
Chao, S. D., Russo, M., Wright, R., Rivas, H., Wall, J. K.  
2014; 2 (6)
- **Introduction of the per-oral endoscopic myotomy technique to pediatric surgical practice** *Journal of Pediatric Surgery Case Reports*  
Chao, S., Russo, M., Wright, R., Rivas, H., Wall, J.  
2014
- **Intraoperative functional luminal imaging to assess esophagogastric junction distensibility during per-oral endoscopic myotomy in pediatric patients** *J Gastroint Dig Syst*  
Wright, R., Chao, S. D., Wall, J. K.  
2014; 4 (4)
- **Education and counseling of pregnant patients with chronic hepatitis B: perspectives from obstetricians and perinatal nurses in santa clara county, california.** *Asian Pacific journal of cancer prevention*  
Yang, E. J., Cheung, C. M., So, S. K., Chang, E. T., Chao, S. D.  
2013; 14 (3): 1707-1713
- **Low Levels of Knowledge and Preventive Practices Regarding Vertical Hepatitis B Transmission among Perinatal Nurses** *JOGNN- JOURNAL OF OBSTETRIC GYNECOLOGIC AND NEONATAL NURSING*  
Chao, S. D., Cheung, C. M., Yang, E. J., So, S. K., Chang, E. T.  
2012; 41 (4): 494-505

- **The Jade Ribbon Campaign: A systematic, evidence-based public awareness campaign to improve Asian and Pacific Islander health** *J Comm in Healthcare*  
Chao, S. D., So, S. K.  
2011; 4 (1)
- **The Jade Ribbon Campaign: A Model Program for Community Outreach and Education to Prevent Liver Cancer in Asian Americans** *JOURNAL OF IMMIGRANT AND MINORITY HEALTH*  
Chao, S. D., Chang, E. T., Le, P. V., Prapong, W., Kiernan, M., So, S. K.  
2009; 11 (4): 281-290
- **Eliminating the Threat of Chronic Hepatitis B in the Asian and Pacific Islander Community: A Call to Action** *ASIAN PACIFIC JOURNAL OF CANCER PREVENTION*  
Chao, S. D., Chang, E. T., So, S. K.  
2009; 10 (3): 507-512
- **Short waitlist time does not adversely impact outcome following liver transplantation for hepatocellular carcinoma** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Chao, S. D., Roberts, J. P., Farr, M., Yao, F. Y.  
2007; 7 (6): 1594-1600
- **Anomalies of the corpus callosum: An MR analysis of the phenotypic spectrum of associated malformations** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Hetts, S. W., Sherr, E. H., Chao, S., Gobuty, S., Barkovich, A. J.  
2006; 187 (5): 1343-1348
- **Single infusion of myeloid progenitors reduces death from Aspergillus fumigatus following chemotherapy-induced neutropenia** *BLOOD*  
Bitmansour, A., Cao, T. M., Chao, S., Shashidhar, S., Brown, J. M.  
2005; 105 (9): 3535-3537
- **Central nervous system aspergillosis in an immunocompetent patient: cure in a hospice setting with very high-dose itraconazole.** *The American journal of hospice & palliative care*  
Palanisamy, A., Chao, S. D., Fouts, M., Kerr, D.  
2005; 22 (2): 139-144
- **Lack of drug interaction conformity in commonly used drug compendia for selected at-risk dermatologic drugs** *AMERICAN JOURNAL OF CLINICAL DERMATOLOGY*  
Chao, S. D., Maibach, H. I.  
2005; 6 (2): 105-111