May 2025

**CURRICULUM VITAE**

**NAME:**

KuoJen Tsao, M.D.

**PRESENT TITLE:**

Professor of Pediatric Surgery

Chief, Division of General and Thoracic Pediatric Surgery

The Children’s Fund Distinguished Professor in Pediatric Surgery

McGovern Medical School at the University of Texas Health Science Center

**BUSINESS ADDRESS:**

Department of Pediatric Surgery

McGovern Medical School at the University of Texas Health Science Center

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Twitter: @kuojentsao

**BIRTHDATE:**

February 23, 1972

**CITIZENSHIP:**

United States

**UNDERGRADUATE EDUCATION:**

1990-1994 University of Kansas, Lawrence, Kansas.

**Bachelor of Arts**, Biochemistry.

**GRADUATE EDUCATION:**

1994-1998 University of Kansas Medical School, Kansas City, Kansas.

**Doctorate of Medicine.**

2007-present University of Texas Medical School at Houston, Houston, Texas

**Master’s Science in Clinical Research**

**POSTGRADUATE TRAINING:**

1998-2005 University of Cincinnati College of Medicine, Cincinnati, Ohio.

**Residency in General Surgery.**

2000-2002 University of California, San Francisco Medical School, San Francisco, California.

**Fellowship in Fetal Medicine and Therapy.**

2005-2007 Children’s Mercy Hospital of Kansas City, Kansas City, Missouri.

**Fellowship in Pediatric Surgery**.

2011-2013 University of Texas Health Sciences Center at Houston, Houston, Texas

**Clinical Safety and Effectiveness Program**

2013-2014 University of Texas School of Public Health, Houston, Texas

**Academic Medical Department Leadership Program**

2015 Institute of Healthcare Improvement, Boston, Massachusetts

**Patient Safety Executive Development Program**

2021 University of Houston, Center for Executive Education

**Physician Leadership and Management Certificate Program**

**ACADEMIC APPOINTMENTS:**

2007-2012 **Assistant Professor**, Departments of Surgery and Pediatric Surgery, The University of Texas Medical School at Houston

2007-2012 **Assistant Professor**, Department of Surgical Oncology, The University of Texas M.D. Anderson Cancer Center

2011-present **Associate Member** of the Graduate Faculty, Graduate School of Biomedical Sciences, The University of Texas Health Science Center at Houston

2012-2015 **Associate Professor**, Departments of Surgeryand Pediatric Surgery, The University of Texas Medical School at Houston

2012-2015 **Associate Professor**, Department of Surgical Oncology, The University of Texas M.D. Anderson Cancer Center

2015-2017 **Associate Professor with Tenure**, Department of Surgery, The University of Texas McGovern Medical School at Houston

2016-2017 **Associate Professor**, Department of Obstetrics, Gynecology and Reproductive Sciences, The University of Texas McGovern Medical School at Houston

2017-present **Division Chief**, Division of Pediatric General and Thoracic Surgery, Department of Pediatric Surgery, The University of Texas McGovern Medical School at Houston

2017-present **Professor with Tenure**, Departments of Surgery and Pediatric Surgery, The University of Texas McGovern Medical School at Houston

2017-present **Professor**, Department of Surgical Oncology, The University of Texas M.D. Anderson Cancer Center

2017-present **Professor**, Department of Obstetrics, Gynecology and Reproductive Sciences, The University of Texas McGovern Medical School at Houston

**HOSPITAL APPOINTMENTS:**

2007-present Memorial Hermann – Texas Medical Center

2007-present Memorial Hermann – Children’s Memorial Hermann Hospital

2007-present MD Anderson Cancer Center

2007-present Lyndon B. Johnson General Hospital, Harris County Hospital District

2010-present The Woman’s Hospital of Texas

2010-present Memorial Hermann Southwest Hospital

2016-present Memorial Hermann, The Woodlands

2017-present Memorial Hermann Sugar Land Hospital

2017-present Memorial Hermann Memorial City Medical Center

2017-present Memorial Hermann Katy Hospital

**ADMINISTRATIVE APPOINTMENTS:**

2007-present **Co-Director**, The Fetal Center at Children’s Memorial Hermann Hospital and The University of Texas Medical School at Houston

2010-present **Fellowship Director**, Center for Surgical Trials and Evidence-based Practice (C-STEP), The University of Texas Medical School at Houston

2011-2015 **Associate Program Director**, Pediatric Surgery Fellowship, Department of Pediatric Surgery, The University of Texas Medical School at Houston

2011-present **Vice-Chair** for Quality of Care, Department of Pediatric Surgery, The University of Texas Medical School at Houston

2011-present **Chair**, Pediatric Peri-operative Safety Council, Children’s Memorial Hermann Hospital, Houston, Texas

2012-present **Chair**, The Fetal Center Executive Council, Children’s Memorial Hermann Hospital, Houston, Texas

2014-2018 **Surgeon Champion**, National Surgical Quality Improvement Program – Pediatric, Children’s Memorial Hermann Hospital, Houston, Texas

2014-present **Co-chair**, Children’s Hospital Safety Council, Children’s Memorial Hermann Hospital, Houston, Texas

2015-present **Program Director**, Pediatric Surgery Fellowship, Department of Pediatric Surgery, The University of Texas Medical School at Houston

2018-present **Medical Director Children’s Service**, Children’s Memorial Hermann Hospital, Houston, Texas

2020-present **Member**, Surgeon’s Council, Memorial Hermann Hospital – Texas Medical Center, Houston, Texas

2020-present **Member**, Pediatric Operating Room Executive Council, Children’s Memorial Hermann Hospital, Houston, Texas

2022-present **Member**, Medical Executive Committee, Memorial Hermann Hospital – Texas Medical Center, Houston, Texas

2024-present **Associate Chief Medical Officer**, Children’s Memorial Hermann Hospital, Houston, Texas

**LICENSURE:**

Texas License # **M7709**

**CERTIFICATIONS:**

American Board of Surgery – General Surgery #062773

American Board of Surgery – Pediatric Surgery #001119

**PROFESSIONAL ORGANIZATIONS:**

**International:**

2004 International Pediatric Endosurgery Group

2011 International Fetal Medicine and Surgery Society

2012 Pacific Association of Pediatric Surgeons

**National:**

1994 American Medical Association

1994 Kansas Medical Society

1994 University of Kansas Alumni Association

1998 University of Kansas Medical School Alumni Association

1998 American College of Surgeons, Ohio Chapter

1998 American College of Surgeons, Fellow

2004 Society of American Gastrointestinal Endoscopic Surgeons

2006 American Academy of Pediatrics, Surgery Section

2006 American Pediatric Surgical Association

2007 Association of Academic Surgeons

2010 American Academy of Pediatrics, Fellow

2010 Surgical Outcomes Club

2011 Society of University Surgeons

2011 Society of Asian Academic Surgeons

2017 Lilliputian Surgical Society

2019 American Surgical Association

**Local:**

2018 Houston Pediatric Society

**SERVICE TO COMMUNITY ORGANIZATIONS:**

2011-present Star of Hope, Houston, TX

2020-present Missions Committee, West University Methodist Church, Houston, TX

**SERVICE TO STATE ORGANIZATIONS:**

2016-present Member, Centers of Excellence for Fetal Diagnosis and Therapy Subcommittee, Perinatal Advisory Council, Texas Department of State Health Services

**SERVICE TO NATIONAL ORGANIZATIONS:**

2008-2011 Fetal Diagnosis and Treatment Committee, American Pediatric Surgical Association

2010-2016 Institutional Representative, Association of Academic Surgeons

2012-2014 Publications Committee, Association of Academic Surgeons

2012-2014 Surgical Quality and Safety Committee, American Pediatric Surgical Association

2012-2017 Steering Committee Representative, North American Fetal Therapy Network

2013-2014 Education Committee, American Pediatric Surgical Association

2013-2014 Continuing Medical Education Subcommittee, American Pediatric Surgical Association

2013-present Committee on Quality Improvement and Patient Safety, American Academy of Pediatrics

2014-2016 Education Committee, Association for Academic Surgery

2014-2016 **Vice-chair**, Surgical Quality and Safety Committee, American Pediatric Surgical Association

2014-2023 **Board member**, North American Fetal Treatment Network

2015 Moderator, South Texas – American College of Surgeons

2016 Nominating Committee, American Pediatric Surgical Association

2016-2018 Scientific Committee, American Academy of Pediatrics, Section on Surgery

2016-2018 **Chair**, Surgical Quality and Safety Committee, American Pediatric Surgical Association

2015-2019 **Secretary/Treasurer**, North American Fetal Treatment Network

2017 Moderator, American Academy of Pediatrics, Surgical Section

2018 Moderator, American Academy of Pediatrics, Surgical Section

2018 Moderator, American College of Surgeons Quality and Safety Conference

2018 Program Committee, American Academy of Pediatrics, Section on Surgery

2018 Program Committee, American Pediatric Surgical Association

2019 Moderator, American College of Surgeons Quality and Safety Conference

2019-2022 **Chair**, Board of Directors, North American Fetal Treatment Network

2020-present Finance Committee, American Pediatric Surgical Association

2020 Nominating Committee, American Academy of Pediatrics, Section on Surgery

2021-present **Secretary/Treasurer**, Association of Pediatric Training Program Directors

2021-2023 **Treasurer-elect**, American Pediatric Surgery Association Foundation

2022-present Member, American College of Surgeons Pediatric Advisory Council, American Pediatric Surgical Training Program Directors representative

2023-present Representative, American College of Surgeons, Board of Governors, Surgical Care Delivery Workgroup

2023-present **Treasurer**, American Pediatric Surgery Association Foundation

**SERVICE TO INTERNATIONAL ORGANIZATIONS:**

2012-2013 Program Committee, Pacific Association of Pediatric Surgeons

2013-present Publications Committee, Pacific Association of Pediatric Surgeons

2017-present **Board member**, Pacific Association of Pediatric Surgeons

2019-present **Secretary**, Pacific Association of Pediatric Surgeons

**HONORS AND AWARDS:**

1990-1994 Howard Hughes Scholar, University of Kansas

1990-1994 Merit Scholar, University of Kansas

1990-1994 University Honors Program, University of Kansas

2004 Alpha Omega Alpha, University of Cincinnati Medical School

2005 Arnold P. Gold Foundation Award for Humanism and Excellence in Teaching

University of Cincinnati, Medical School, 2005

2008-2014 Dean’s Teaching Excellence Award, University of Texas Medical School at Houston

2016 Physician of the Year, Children’s Memorial Hermann Hospital

2016 Fellow, Clinical Safety and Effectiveness for the University of Texas System

2017 Dodge City High School Alumni Ring of Honor

2021 Graham Award for patient safety and quality improvement, University of Texas Health Science Center and Children’s Memorial Hermann Hospital

2023 Graham Award for patient safety and quality improvement, University of Texas Health Science Center and Children’s Memorial Hermann Hospital

**EDITORIAL POSITIONS:**

**Reviewer:**

African Journal of Pediatric Surgery

American Journal of Perinatology

Archives of Diseases in Childhood

BMC Pediatrics

British Medical Journal

Critical Care Nursing

Fetal Diagnosis and Therapy

Journal of Clinical Neonatology

Journal of Laparoendoscopic & Advanced Surgical Techniques

Journal of Pediatric Surgery

Journal of Perinatology

Journal of Surgical Research

Journal of the American College of Surgeons

Pediatrics

Scandinavian Journal of Surgery

Surgery

Translational Pediatrics

**Assistant Editor:**

Journal of Pediatric Surgery

**Associate Editor:**

Fetal Diagnosis and Therapy

**SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON COMMITTEES:**

2007-present Education Advisory Committee, Department of Surgery

2007-present Clinical Compliance Committee, Department of Pediatric Surgery

2009-2011 Faculty Senate Representative

2013-present Clinical Competency Committee, Department of Surgery

**SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON AFFILIATED HOSPITAL COMMITTEES:**

2007-present OR Subcommittee, Children’s Memorial Hermann Hospital

2007-present Pediatric Trauma Committee, Children’s Memorial Hermann Hospital

2009-present Pediatric OR Safety Council, Children’s Memorial Hermann Hospital

2011-present Collaborative Quality and Safety Committee, Children’s Memorial Hermann Hospital

2012-present Pediatric Quality and Safety Action Council, Children’s Memorial Hermann Hospital

2013-present Surgical Quality Advisory Council, Memorial Hermann Hospital – Texas Medical Center

2018-present Performance Improvement and Patient Safety Committee, Children’s Memorial Hermann Hospital

2018-present Neonatal Quality Assurance and Performance Improvement Committee, Lyndon B. Johnson Hospital, Harris Health System

2019-present **Chair**, Children’s Services Performance Improvement Program, Children’s Memorial Hermann Hospital

2019-present Pediatric Medical Staff Quality Review committee, Children’s Memorial Hermann Hospital

2019-presemt Co-chair, Pediatrics Clinical Practice Committee, Memorial Hermann Health System

2020-present Allied Health Provider Clinical Practice Committee, Memorial Hermann Health System

2021-present Surgeon’s Council, Memorial Hermann Hospital – Texas Medical Center

2022-present Solutions for Patient Safety Steering Committee, Children’s Memorial Hermann Hospital

2022-present Memorial Hermann Women’s and Children’s Service Line Governance Council

2023-present Medical Executive Committee, Memorial Hermann Hospital – Texas Medical Center

**SPONSORSHIP OF UNDERGRADUATE STUDENTS:**

2011 Kaitlin A. Doody, Summer Research Program, Rice University, Houston, Texas

2012 Madiha Sajid, Summer Research Program, Trinity College, San Antonio, Texas

2012 Ajaypal Singh, Summer Research Program, Texas A&M University, College Station, Texas

2013 Madiha Sajid, Summer Research Program, Trinity College, San Antonio, Texas

2013-2014 Caroline Kellagher, University of Texas at Austin, Austin, Texas

2015 Madeline Folkerts, University of Texas at Austin, Austin, Texas

2015 Justin Chang, University of Texas at Austin, Austin, Texas

2018 Neha Gupta, University of Texas at Austin, Austin, Texas

2019 Rachel Amara Mbeike, Yale University, New Haven, Connecticut

**SPONSORSHIP OF MEDICAL STUDENTS:**

2008 Andrew Jackson, Summer Research Program, University of Texas Medical School at Houston – Internal Medicine, University of Texas Medical School at Houston, Houston, TX

2009 Ricardo Jacquez, Summer Research Program, University of Texas Medical School at Houston – Surgery-Preliminary, NY-Presbyterian Queens, Flushing, NY

2009 Clinton Fuller, Summer Research Program, University of Texas Medical School at Houston – Anesthesiology, Baylor College of Medicine, Houston, TX

2010 Samuel Carson, Summer Research Program, University of Texas Medical School at Houston – General Surgery, University of Louisville School of Medicine, Louisville, KY

2011 Russell B. Hawkins, Summer Research Program, University of Texas Medical School at Houston – General Surgery, University of Florida College of Medicine/Shands Hospital, Gainesville, FL

2011 Casey E. Senter, Summer Research Program, University of Texas Medical School at Houston – Obstetrics‐Gynecology, University of Texas Southwestern Medical School, Dallas, TX

2011 Hannah S. Smith, Summer Research Program, University of Texas Medical School at Houston – General Surgery, University of Texas Medical School at Houston, Houston, TX

2011 Jane Y. Zhao, Summer Research Program, University of Texas Medical School at Houston – General Surgery, University of Buffalo School of Medicine, Buffalo, NY

2012 Jasson Abraham, Summer Research Program, University of Texas Medical School at Houston – Texas A&M Health Science Center College of Medicine – Scott & White, Temple, TX

2012 Gillian Goddard, Summer Research Program, University of Texas Medical School at Houston – General Surgery, University of Cincinnati Medical Center, Cincinnati, OH

2012 Stephanie Logterman, Summer Research Program, University of Texas Medical School at Houston – Orthopaedic Surgery, University of Colorado School of Medicine, Denver, CO

2013 Nathan Rogers, Summer Research Program, University of Texas Medical School at Houston – Orthopaedic Surgery, McGovern Medical School at UTHealth, Houston, TX

2013 Danielle Duibisson, Summer Research Program, University of Texas Medical School at Houston – Anesthesiology, Baylor College of Medicine, Houston, TX

2013 Hanna S. Smith, Summer Research Program, University of Texas Medical School at Houston

2014 Courtney M. Chang, Summer Research Program, University of Texas Medical School at Houston – Urology, McGovern Medical School at UTHealth, Houston, TX

2014 Shruti Sakhuja, Summer Research Program, University of Texas Medical School at Houston – Pediatrics, Washington University School of Medicine/St. Louis Children's Hospital, St. Louis, MO

2014 Jason M. Podolnick, Summer Research Program, University of Texas Medical School at Houston – Surgery-Preliminary, Tulane University School of Medicine, New Orleans, LA

2014 Hong Thai, Summer Research Program, University of Texas Medical School at Houston – Internal Medicine, HCA Gulf Coast Education Consortium, Houston, TX

2015 Sarah Covey, Summer Research Program, University of Texas Medical School at Houston – MD/MPH Student, University of Kentucky College of Medicine/College of Public Health, Lexington, KY

2015 Michael Diffley, Summer Research Program, University of Texas Medical School at Houston, Webber Award Winner – Surgery-Preliminary/Radiology-Diagnostic, Saint Louis University School of Medicine, St. Louis, MO

2015 Kelly Caldwell, Summer Research Program, University of Texas Medical School at Houston – Surgery-Preliminary/Urology, University of Texas Southwestern Medical School, Dallas, TX

2015 Aubrey Hildebrandt, Summer Research Program, University of Texas Medical School at Houston – Pediatrics, University of Arkansas for Medical Sciences College of Medicine, Little Rock, AR

2015 Andrew Minzenmayer, Summer Research Program, University of Texas Medical School at Houston – Medicine-Preliminary/Dermatology, Baylor-Scott & White, Temple, TX

2016 Jocelyn Abraham, Summer Research Program, University of Texas Medical School at Houston – Internal Medicine, Baylor College of Medicine, Houston, TX

2016 Jiansen Wang, Summer Research Program, University of Texas Medical School at Houston – Medicine-Preliminary, McGovern Medical School at UTHealth, Houston, TX

2016 Kendall Masada, Summer Research Program, University of Texas Medical School at Houston, Webber Award Winner – Orthopaedic Surgery/Research-6 year, Hospital of the University of Pennsylvania-Penn Medicine, Philadelphia, PA

2017 Dylan N. Supak, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center - Urology, McGovern Medical School at UTHealth, Houston, TX

2017 Robert Martin, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2017 Stephanie N. Wythe, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center – Plastic Surgery, Cleveland Clinic Foundation

2017 Rigo Gutierrez, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2017 Grant M. Garwood, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center – Anesthesiology, Yale New Haven Hosptial

2018 Maile Curbo, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2018 Alexandria Childs, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2018 Tayler Parker, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2018 John-Paul Bach, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2019 Santiago Ceron, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2019 Ali Abrahim Noorbaksh, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2019 Jeffrey Vehawn, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2020 Hannah Story, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2020 Morgan Gamble, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2020 Sina Tartibi, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2021 Daniel Kim, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2021 Claire Wilkins, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2021 Thomas Hamner, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2022 Shannon Owings, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2022 Nikita Ghosh, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2022 Jay Mendenhall, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2022 Brian Cowley, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2023 Yasmine L. Young, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2023 Isabella R. Anderson, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

2023 Neil G. Jayaragan, Summer Research Program, McGovern Medical School at the University of Texas Health Science Center

**SPONSORSHIP OF SURGICAL RESIDENTS:**

2008 Shanil Shah MD, Department of Surgery, University of Texas Medical School at Houston

2008 Nathan D. Allison MD, Department of Surgery, University of Texas Medical School at Houston

2009 John Horton MD, Department of Surgery, William Beaumont Army Medical Center, El Paso, TX

2010 Phillip Letourneau, Department of Surgery, University of Texas Medical School at Houston

2013 Laura Hollinger, Department of Surgery, Houston Methodist Hospital

2013 Naruhiko Ikoma MD, Department of Surgery, University of Texas Medical School at Houston

**SPONSORSHIP OF GRADUATE STUDENTS:**

2011-12 Roya Mostavi, Genetic Counseling program, University of Texas Graduate School of Biomedical Sciences at Houston

**SPONSORSHIP OF POSTDOCTORAL FELLOWS:**

2011-2013 Shauna M. Levy, MD, MS, Department of Surgery, University of Texas Medical School at Houston

2011-2013 Uma R. Phatak, MS, MD, Department of Surgery, University of Texas Medical School at Houston

2011-2013 Sara Fallon, MD, MS, Department of Surgery, Baylor College of Medicine

2012-2014 Matthew Pommerening, Department of Surgery, University of Texas Medical School at Houston

2013-2016 Luke R. Putnam, Department of Surgery, University of Texas Medical School at San Antonio

2013-2015 Zeinab M. Alawadi, Department of Surgery, University of Texas Medical School at Houston

2014-2016 Julie L. Holihan, Department of Surgery, University of Texas Medical School at Houston

2015-2017 Emma Hamilton, Department of Surgery, Baylor University School of Medicine – Dallas

2015-2017 Krislynn M. Mueck, Department of Surgery, McGovern Medical School at the University of Texas Health Science Center

2017-2018 Georg Keng, Department of Surgery, University of Texas School of Medicine at San Antonio

2015-2018 Kathryn T. Anderson, Department of Surgery, University of Arizona School of Medicine

2016-2018 Marisa Bartz-Kurycki, Department of Surgery, University of Arizona School of Medicine

2017-2019 Dalya M. Ferguson, Department of Surgery, McGovern Medical School at the University of Texas Health Science Center

2018-2019 Jonathan K. Chica, Department of Surgery, St. Louis University School of Medicine

2019-2021 Seyed Arshia Arshad, Department of Surgery, University of New Mexico School of Medicine

2020-2023 Brittany A. Hegde, Department of Surgery, University of Louisville School of Medicine

2023-present Krista Sutyak, Department of Surgery, University of Nebraska School of Medicine

2024-present Jannette M. Joly, Department of Surgery, Inova Health – Fairfax, VA

**PEDIATRIC SURGERY FELLOWS TRAINED (\*as program director):**

2007-2008 Chris Anderson, MD – Florida Hospital Group, Orlando, FL

2007-2009 Stacy Moore-Olufemi, MD – Private practice

2008-2010 Adam Vogel, MD – Texas Children’s Hospital, Houston, TX

2009-2011 Rona Norelius, MD – Children’s Healthcare of Atlanta, Atlanta, GA

2010-2012 Janice Taylor, MD - University of Florida, Division of Surgery, Gainesville, FL

2011-2013 Yigit Guner, MD, MS – Children’s Hospital of Orange County, Orange, CA

2012-2014 Brian Jones, MD – Comer Children’s Hospital, Chicago, IL

2013-2015 Vincent Duron, MD - Columbia University College of Physicians and Surgeons, New York, NY\*

2014-2016 Moiz Mustafa, MD - University of Florida, Division of Surgery, Gainesville, FL\*

2015-2017 Laura Hollinger, MD - Medical University of South Carolina, Division of Pediatric Surgery, Charleston, SC\*

2017-2019 Carey Watson, MD – private practice, Fort Wayne, IN\*

2018-2020 Megan Coughlin, MD – Indiana University, Riley Children’s Hospital, Indianapolis, IN\*

2019-2021 Alfred Francois Trappey, MD – Brooke Army Medical Center, San Antonio, TX\*

2020-2022 Mary K. Arbuthnot, DO – Navy Medical Center Portsmouth, Portsmouth, VA\*

2021-2023 Natalie A. Drucker, MD – University of Texas Health Science Center, Houston, TX\*

2022-2024 Abigail K. Zamora, MD – Kaiser Permanente Los Angeles Medical Center, Los Angeles, CA\*

2023-present Henry W. Caplan, MD

2024-present Jennifer A. Yonkus, MD

**CURRENT TEACHING RESPONSIBILITIES:**

2007-present Lecturer – Genetic Counseling, The University of Texas Graduate School of Biomedical Sciences, once per year

2007-present Lecturer – Developmental Anatomy, The University of Texas Medical School at Houston, once per year

2007-present Lecturer – Pediatric Surgery, The University of Texas Medical School at Houston, bimonthly

2007-present Lecturer – Obstetrics, Gynecology and Reproductive Sciences, The University of Texas Medical School at Houston, once per year

**CURRENT GRANT SUPPORT:**

2016-present National Institutes Health R01 NICHD. Do Cesarean Deliveries Reduce Mortality in Infants with Birth Defects. (Co-PI: Tsao); $191,730

**PREVIOUS GRANT SUPPORT:**

2000-2002 National Institutes of Health T32 GI Training Grant in Gastrointestinal Research. (DK07573), Fellow

2008-2011 National Institutes Health K12 Mentored Clinical Scientist Development Program Award. (5 KL2 RR 024149); $360,000; Principal investigator; 50% Neonatal gastroesophageal reflux disease and anti-reflux surgery, $120,000/year, thru June 2011

2009-2010 University of Texas Academy of Health Science Education Small Grants. Utilization of Wiki for evidence-based education. $5000; Co-Investigator

2011-2104 Bentsen Foundation:  $486,684 - Amniotic fluid derived MSCs for neurological injury. Co-investigator.

2012-2014 Cardinal Health E3 Patient Safety Grant. Assessment of the Implementation of a Pediatric Surgical Preoperative Checklist. (PI: Tsao); $29,750

2012-2014 American Pediatric Surgical Association Foundation. Errors and adverse events in the setting of neonatal surgery performed in the neonatal intensive care unit (PI: Tsao, co-Is: Kao and Lally); $25,000

2013-2015 University of Texas-Memorial Hermann Center for Healthcare Quality and Safety. How should residents be taught about patient safety in the OR: a pilot randomized trial. (PI: Tsao); $35,000

2012-2016 National Institutes Health R21 NICHD. Errors and adverse events in the setting of neonatal surgery performed in the neonatal intensive care unit. (PI: Tsao, co-Is: Kao and Lally); $418,000.

2015-2016 March of Dimes Center on Perinatal Safety: Phase 1. (PI: Tsao); $100,000

2017-2021 Gordon & Betty Moore Foundation/March of Dimes, Center on Perinatal Safety. (SPAR # 48039). (PI); $2,000,000

**PREVIOUS SPONSORED GRANT SUPPORT:**

2011 National Institutes of Health NIDDK Medical Student Summer Research Program. Intraoperative staging of pediatric appendicitis. $4000, Russell B. Hawkins, MS-1.

2012 National Institutes of Health NIDDK Medical Student Summer Research Program. SCIP compliance for pediatric appendicitis. $4000, Jasson Abraham, MS-1.

2013 National Institutes of Health NIDDK Medical Student Summer Research Program. Improving prophylactic antibiotic compliance with integration into surgical safety checklist. $2000, Nathan Rogers, MS-1.

2013 National Institutes of Health NIDDK Medical Student Summer Research Program. Improving the Safety Culture of the OR with Improved Checklist Adherence. $1000, Danielle Dubuisson, MS-1.

2015 University of Texas Medical School at Houston Summer Research Program. Variance in antibiotic therapy for pediatric appendicitis. $1000, Kelly Caldwell, MS-1

2015 University of Texas Medical School at Houston Summer Research Program. Variation in prehospital imaging for pediatric abdominal pain. $1000, Michael Diffley, MS-1

2015 University of Texas Medical School at Houston Summer Undergraduate Research Program. Long-term follow-up after fetal repair of spina bifida. $1000, Madeline Folkerts

2016 McGovern Medical School at the University of Texas Health Science Center Summer Research Program. Variation in prehospital imaging for pediatric abdominal pain. Jiansen Wang, $2500

2016 McGovern Medical School at the University of Texas Health Science Center Summer Research Program. Variation in prehospital imaging for pediatric abdominal pain. Kendall Masada, $2500, Webber Award Winner

2017 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. Dylan N. Supak, $1000

2017 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. Robert Martin, $1000

2017 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. Stephanie N. Wythe, $1000

2017 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. Rigo Gutierrez, $3000

2017 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. Grant M. Garwood, $1000

2018 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. John-Paul Bach, $1000

2018 McGovern Medical School at the University of Texas Health Science Center Summer Undergraduate Research Program. Alexandria Childs, $1000

**PREVIOUS FUNDED CLINICAL RESEARCH:**

2011 Bristol-Myers Squibb Research and Development. Pilot Study for Standardization of Diagnostic Techniques for Central Venous Catheters-Venous Thromboembolism Study. Co-Investigator.

2011 Bayer. A randomized, double-blind, multicenter trial to evaluate the safety and efficacy of sequential intravenous, oral moxifloxacin versus comparator in pediatric subjects with complicated intra-abdominal infection. Principal Investigator.

**PUBLICATIONS:**

**Abstracts (\*presented):**

1. **Tsao K\***, Hirose S, Sydorak R, Sandberg PL, Filly RA, Albanese CT, Harrison MR, Farmer DL. Selective Reduction of Acardiac/Acephalic Twin by Radiofrequency Ablation. Proceedings for Society of Maternal-Fetal Medicine, Reno, NV; January 2001
2. Sydorak RM, Hirose S, **Tsao K**, Sandberg P, Filly RA, Harrison MR, Farmer DL, Albanese C. Chorioamniotic membrane separation following fetal surgery. Proceedings for Society of Maternal-Fetal Medicine Reno, NV; January 2001
3. Albanese CT, Sydorak R, Lee H, Feldstein V, Machin G, **Tsao K**, Farmer DL, Harrison MR. Complications of Monochorionic Twinning: Spectrum of Disorders and Treatment. Proceedings for International Pediatric Endosurgery Group. Brisbane, Australia; March 2001
4. **Tsao K\***, Rosenthal P, Danzer E, Sydorak R, Hirose S, Farmer DL, Albanese CT, Harrison MR, Lee H. Comparison of Drainage Techniques for Biliary Atresia. Pacific Association of Pediatric Surgeons La Jolla, CA; May 2002
5. **Tsao K\***, Hawgood S, Dhawan K, Hirose S, Sydorak R, Albanese CT, Farmer DL, Harrison MR, Lee H. Resolution of Hydrops Fetalis in Congenital Cystic Adenomatoid Malformation after Prenatal Steroid Therapy. American Pediatric Surgical Association Phoenix, AZ; May 2002
6. Hirose S, Sydorak R, **Tsao K**, Cauldwell C, Rosen M, Albanese CT, Lee H, Farmer DL. Spectrum of Intrapartum Management Strategies for Giant Fetal Cervical Teratoma. American Pediatric Surgical Association Phoenix, AZ; May 2002
7. **Tsao K\***, Lee H. Extrapleural Thoracoscopic Repair of Esophageal Atresia with Tracheo-Esophageal Fistula. American Pediatric Surgery Association Phoenix, Arizona; May 2002
8. Sydorak R, **Tsao K,** Hirose S, Farrell RA, Filly RA, Albanese CT, Harrison MR. Congenital Diaphragmatic Hernia and Hydrops: A lethal association? Pacific Association of Pediatric Surgeons, La Jolla, CA; May 2002
9. Sydorak R, Hirose S, **Tsao K**, Lee H, Farmer DL, Harrison MR, Albanese CT. Bioprosthetic repair of congenital diaphragmatic hernia with small intestine submucosa. Pacific Association of Pediatric Surgeons La Jolla, CA; May, 2002
10. Albanese CT, **Tsao K,** Sydorak R, Lee H. Thoracoscopic Lobectomy for Prenatally Diagnosed Lung Lesion. International Pediatric Endosurgical Group, May 2002
11. Sydorak RM, Sbragia, L, Nijagel A, Hirose S, **Tsao K**, Phibbs R, Harrison MR, Albanese CT. Gastroschisis: Small Hole, Big Cost. Pacific Association of Pediatric Surgeons, LaJolla, CA; May 2002
12. Hirose S, Sydorak R, **Tsao K**, Lee H, Albanese CT, Bratton B, Harrison MR, Farmer DL. Thoracoscopic Resection of Foregut Duplication Cysts.Pacific Association of Pediatric Surgeons, LaJolla, CA; May 2002
13. Hirose S, **Tsao K**, Sydorak R, Lee H, Albanese CT, Bratton B, Harrison MR, Farmer DL. Traction Elongation for Vaginal Atresia: Initial experience with a novel technique. Pacific Association of Pediatric Surgeons, LaJolla, CA; May 2002
14. Sydorak RM, Feldstein V, Tsao K, Hirose S, Lee H, Farmer DL, Harrison MR, Albanese CT. The Threat of an Anomalous Twin. Pacific Association of Pediatric Surgeons, LaJolla, CA; May 2002
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84. Putnam LR, Levy SM, Rogers NB, Hook-Dufresne DM, Matuszczak M, Jain R, Lao LS, Lally KP, **Tsao K**. Inadequate Prophylactic Antibiotic Administration: Can’t we just fix it with the checklist? Pacific Association of Pediatric Surgeons. Banff, Calgary, Canada. April 2014.
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89. Liang Li, Tatevian N, Bhattacharjee M, **Tsao K**, Hicks J. Desmoplastic Small Round Cell Tumor with Atypical Immunohistochemical Profile and Rhabdoid-Like Differentiation. Association of Clinical Scientists. May 28-31, 2014.
90. Fallon S, Langer J, St.Peter SD, **Tsao K**, Wesson DE. H-Type Tracheoesophageal Fistulas: A Multicenter Review of Outcomes in a Rare Disease. American Pediatric Surgical Association. 45th Annual Meeting. Phoenix, AZ; May 29 - June 1, 2014.
91. Levy SM, Lally KP, Blakely MB, Duggan E, Kawaguchi A, Lopez M, Streck CJ, Vogel AW, Calkins C, Dassinger MS, Rusessll R, St.Peter SD, **Tsao K**. Pediatric Surgical Research Collaborative. Surgical Wound Misclassification: A Multicenter Evaluation. American Pediatric Surgical Association. 45th Annual Meeting. Phoenix, AZ; May 29 - June 1, 2014.
92. Moise KJ, Papanna R,Mann LM, Fletcher S, **Tsao K**, Argoti P, Schniederjan R, Bhattacharjee M, Stewart RJ, Tseng SCG. Evaluation of different patch materials for in-utero repair of myelomeningocele. The 33rd Annual Meeting of the International Fetal Medicine & Surgery Society. Chatam, Massachusetts, September 7-11, 2014.
93. Putnam LR, Johnson A, Moise KJ, Bebbington MW, Papanna R, Garcia EI, Weir JW, **Tsao K**. Generalizability of a randomized controlled trial: Can we maintain equipoise outside of the Management of Myelomeningocele (MOMS) Trial. The 33rd Annual Meeting of the International Fetal Medicine & Surgery Society. Chatham, Massachusetts, September 7-11, 2014.
94. Bebbington MW, **Tsao K**, Johnson A, Moise KJ. Open Fetal Surgery for Myelomeningocele: Outcomes in a post MOMs Trial cohort. International Society of Ultrasound in Obstetrics and Gynecology. Barcelona, Spain, September 14-17, 2014.
95. Putnam LR, John SD, Greenfield SA, Kellagher CM, Lally KP, **Tsao K**. The Utility of the Contrast Enema in Neonates with Suspected Hirschsprung’s Disease. American Academy of Pediatrics – Section on Surgery. San Diego, CA; October 11-14, 2014.
96. Putnam LR, Levy SM, Holzmann-Pazgal, Lally KP, Kao LS, **Tsao K**. Surgical Debriefing Improves Surgical Wound Classification and Surgical Site Infection Risk-Stratification in Pediatric Appendicitis. American Academy of Pediatrics – Section on Surgery. San Diego, CA; October 11-14, 2014.
97. Putnam LR, Davis K, Levy SM, Holzmann-Pazgal, Lally KP, **Tsao K**. Surgical Site Infection Reporting May Be Underestimated without Multidisciplinary. American Academy of Pediatrics – Council on Quality Improvement and Patient Safety. San Diego, CA; October 11-14, 2014.
98. Putnam LR, **Tsao K**. Optimizing the Utility of Surgical Wound Classification through Targeted Interventions. The University of Texas System Shared Visions Conference. October 15-16, 2014, San Antonio, Texas.
99. Putnam LR, **Tsao K**. Effective Checklist Implementation Requires a Sustained, Multifaceted Approach. The University of Texas System Shared Visions Conference. October 15-16, 2014, San Antonio, Texas.
100. Putnam LR, Levy SM, Kellagher C, Kao LS, Etchegaray JM, Thomas EJ, Lally KP, **Tsao K**. Resident Perceptions of Safety in the Perioperative Environment: Where Can We Improve? Surgical Forum. American College of Surgeons. San Francisco, CA; October 26-30, 2014.
101. Papanna R, Mann L, Fletcher S, Prabhu SP, **Tsao K**, Argoti PS, Snowise S, Ryan SW, Bhattacharjee M, Tseng SC, Moise Jr. KJ. Cryopreserved Human Umbilical Cord (HUC) as a Regenerative Patch Material for In-utero Repair of Myelomeningocele (MMC) to Preserve Neuronal Anatomy. Society for Maternal and Fetal Medicine. 35th Annual meeting in San Diego, CA February 2015.
102. Chang CM, Putnam LR, Podolnick JM, Sakhuja S, Matuszczak MM, Austin MT, Kao LK, Lally KP, **Tsao K**. Surgical Antibiotic Prophylaxis Requires More Than Operating Room Interventions. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
103. Putnam LR, Nguyen LK, Lally KP, Franzini L, **Tsao K**, Austin MR. A Statewide Analysis of Specialized Care for Pediatric Appendicitis. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
104. Putnam LR, Alawadi ZM, Jain R, Matuszczak M, Kao LS, Etchegaray JM, Thomas EJ, Lally KP, **Tsao K.** Educational and Team-Building Interventions are Necessary but Insufficient to Change Safety Culture. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
105. Putnam LR, Sakhuja S, Chang CM, Podolnick JM, Jain R, Matuszczak M, Wadhwa N, Austin MT, Kao LS, Lally KP, **Tsao K**. A Multi-phase Surgical Checklist Requires a Multi-phased Approach. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
106. Putnam LR, Chang CM, Podolnick JM, Sakhuja S, Jain R, Matuszczak M, Austin MT, Kao LS, Lally KP, **Tsao K.** Surgical Safety Checklist Fidelity: Are We Doing What We Should? 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
107. Podolnick JM, Putnam LR, Sakhuja S, Chang CM, Austin MT, Lally KP, **Tsao K.** Variability in Surgical Skin Preparation Adherence in Common Pediatric Operations. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
108. Alawadi Z, Putnam LR, Landgren R, Etchegaray J, Thomas E, **Tsao K**, Kao LS. Speaking up for patient safety surgical and pediatric residents. 10th Annual Academic Surgical Congress. Las Vegas, Nevada. February 3-5, 2015.
109. Kawaguchi A, Jain R, Levy S, Putnam L, Lally K, Pham D, Wright S, Kao L, **Tsao K**. Hand-written report cards: a sustainable system to improve pediatric perioperative safety culture. 17th Annual National Patient Safety Foundation. Austin, Texas. April 29 – May 1, 2015.
110. Putnam LR, Levy SM, Blakely MB, Lally KP, Wyrick DL, Dassinger MS, Russell R, Huang EY, Vogel AW, Streck CJ, Kawaguchi A, **Tsao K**. Pediatric Surgical Research Collaborative. Surgical Wound Classification Improves But Remains Unreliable Despite Multifaceted Interventions. American Pediatric Surgical Association. Fort Lauderdale, FL; April 30 - May 3 2015.
111. Putnam LR, Ostovar-Kermani TG, Levy SM, Pham DH, Austin MT, Kawaguchi AL, Harting MT, Holzmann-Pazgal GH, Lally KP, **Tsao K**. Why not drains? A Prospective Evaluation of Routine Peritoneal Drains in Children with Perforated Appendicitis. Pacific Association of Pediatric Surgeons. Jeju Island, South Korea; May 17-21, 2015.
112. Donepudi R, Pappana R, Austin MT, Bebbington MR, Johnson A, **Tsao K**, Moise KJ. Prenatal Predictors of Neonatal Outcomes in Gastroschisis. 34th Annual International Fetal Medicine and Surgery Society. Hersonissos, Crete; June 19-23, 2015
113. Papanna R, Moise Jr KJ, Mann LK, Fletcher S, Snowise S, **Tsao K**, Argoti P, Johnson A, Schniederjan R, Bhattacharjee MB, Stewart R, Prabhu S, Tseng SCG. Human umbilical cord as a regenerative patch material for in-utero repair of spina bifida. 19th International Conference on Prenatal Diagnosis and Therapy. Washington DC; July 2015.
114. Putnam LR, **Tsao K**, Morini F, Lally P, Lally KP, Harting MT for the Congenital Diaphragmatic Hernia Study Group. Inhaled nitric oxide use among patients with congenital diaphragmatic hernia: an analysis of 3367 patients. 2015 International Congenital Diaphragmatic Hernia Workshop. Toronto, Canada; September 14-15, 2015.
115. Putnam LR, Pham DH, Ostovar-Kermani TG, Alawadi ZM, Etchegaray JM, Ottosen MJ, Thomas EJ, Kao LS, Lally KP, **Tsao K**. How Should Surgical Residents Be Educated about Patient Safety in the Operating Room: a Pilot Randomized Trial. Surgical Forum. American College of Surgeons. Chicago, Illinois; October 4-8, 2015.
116. Kawaguchi A, Jain R, Pham D, Putnam LR, Levy SM, Kellagher C, Wright S, Kao LS, Lally KP, **Tsao K**. Improving Pediatric Perioperative Safety using Two Variance Reporting Systems. American Academy of Pediatrics, Section on Surgery. Washington DC; October 2015
117. Moody CC, Mann LM, Lyu M, Moise Jr. KJ, Johnson A, Bebbington MW, **Tsao K**, Fletcher S, Papanna R. Fetal membrane changes in preterm birth after in-utero repair of spina bifida repair. Society for Maternal Fetal Medicine Annual Meeting. Atlanta, Georgia, 2016.
118. HamiltonEC, PhamDH, MinzenmayerAN, Kao LK, Lally1 KP, **Tsao K**, KawaguchiAL. Are We Missing the Near Misses in the Operating Room? 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
119. CoveySE, Putnam LR, Anderson KT, Lally KP, **Tsao K**. Do All Intestinal Malrotations Require a Ladd Procedure? Prophylactic vs Post-Symptomatic Outcomes. 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
120. Anderson KT, Putnam LR, Ostovar-Kermani T, Hamilton EC, Pham DH, Austin MT, Kawaguchi AL, Kao LK, Lally KP, **Tsao K**. Imaging Gently? Higher Rates of CT Imaging for Pediatric Appendicitis in Non-Children's Hospitals. 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
121. Diffley MB, Putnam LR, Hildebrandt AA, Caldwell KM, Minzenmayer AN, Covey SE, Anderson KT, Kawaguchi AL, Pham DH, Kao LS, Lally KP, **Tsao K**. Good Catches and Near Misses: The Hidden Benefit of Surgical Safety Checklists. 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
122. Hildebrandt AA, Putnam LR, Diffley MB, Caldwell KM, Covey SE, Mizenmayer AN, Anderson KT, Kawaguchi AL, Kao LS, Lally KP, **Tsao K**. What’s Wrong with the Surgical Safety Checklist? Thinking Outside the Checkbox. 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
123. Caldwell KM, Putnam LR, Covey SE, Diffley MB, Hildebrandt AA, Mizenmayer AN, Anderson KT, Kawaguchi AL, Lally KP, **Tsao K**. Pardon the Interruption: An Observational Study of OR Interruptions. 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
124. Putnam LR, Ostovar-Kermani T, Anderson KT, Pham DH, Austin MT, Kawaguchi AL, Kao LK, Lally KP, **Tsao K**. Do Clinical Pathways Actually Improve Outcomes for Pediatric Appendicitis? 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
125. Putnam LR, **Tsao K**, Morini F, Lally PA, Lally KP, Harting MT. Variability in Inhaled Nitric Oxide Use among Patients with Congenital Diaphragmatic Hernia. 11th Annual Academic Surgical Congress. Jacksonville, Florida. February 2-4, 2016.
126. Eguia A, Freemyer B, Pham DH, Hamilton EC, **Tsao K**, Austin MT. An Evaluation of eHealth Utilization in Pediatric Surgery – What is the Parent’s Perspective? 11th Annual Academic Surgical. Jacksonville, Florida. February 2-4, 2016.
127. Mueck KM, Putnam LR, Anderson KT, Lally KP, **Tsao K**, Kao LS. Does Compliance with Antibiotic Prophylaxis for Pediatric Simple Appendicitis Matter? Society for Infection Disease.
128. Putnam LR, Anderson KT, **Tsao K**, Lally KP, Kawaguchi AL. The Impact of Cardiac Risk Factors on Outcomes for Children Undergoing a Ladd Procedure Pacific Association of Pediatric Surgeons. Kauai, HI; April 24-28, 2016.
129. Anderson KT, Putnam LR, Kao LS, Austin MT, Lally KP, **Tsao K**. Buttons, Balloons, and Bounce Backs: Frequent Readmissions after Gastrostomy Tube Placement. Pacific Association of Pediatric Surgeons. Kauai, HI; April 24-28, 2016.
130. Anderson KT, Putnam LR, Kao LS, Austin MT, Lally KP, **Tsao K**. Failing to Rescue? Pre-operative Characteristics Contribute More to Mortality in Pediatric Surgical Patients. Pacific Association of Pediatric Surgeons. Kauai, HI; April 24-28, 2016.
131. Anderson KT, Greenfield S, Putnam LR, Hamilton EC, Kawaguchi AL, Austin MT, Kao LK, John SD, Lally KP, **Tsao K**. Don’t forget the dose: Improving computed tomography dosing in pediatric appendicitis. Pacific Association of Pediatric Surgeons. Kauai, HI; April 24-28, 2016.
132. Hamilton EC, Rivera P, Lazar D, **Tsao K**, Cox CS, Austin MT. Extracorporeal Membrane Oxygenation for Severe Pediatric Tracheobronchial Injuries. Pacific Association of Pediatric Surgeons. Kauai, HI; April 24-28, 2016. Congress. Jacksonville, Florida. February 2-4, 2016.
133. Putnam LR, Harting MT, **Tsao K**, Morini F, Lally PA, Lally KP. Defect size predicts morbidity at discharge for infants with congenital diaphragmatic hernia. American Pediatric Surgical Association. 47th Annual Meeting. San Diego, CA; May 14-17, 2016.
134. Putnam LR, Ostavar-Kermani TG, Le Blanc A, Anderson KT, Holzmann-Pazgal G, Lally KP, **Tsao K**. Surgical Site Infection Reporting: More than meets the agar. American Pediatric Surgical Association. 47th Annual Meeting. San Diego, CA; May 14-17, 2016.
135. Harting MT, Hollinger L, **Tsao K**, Wilson JM, Putnam LR, Lally PA, Miller CM, Lally KP. Aggressive Surgical Management of Congenital Diaphragmatic Hernia – Worth the Effort? American Pediatric Surgical Association. 47th Annual Meeting. San Diego, CA; May 14-17, 2016.
136. Anderson KT, Putnam LR, Caldwell KM, Hildebrandt AA, Covey SE, Diffley MB, Kawaguchi AL, Austin MT, Lally KP, **Tsao K**. Surgical Safety Checklists: A Challenging yet Effective Investment. Eighteenth Annual National Patient Safety Foundation Congress. Scottsdale, AZ; May 23-26, 2016.
137. Fuller M, Tatevian N, Bhattacharjee M, **Tsao K**, Mustafa MM and Brown RE. Undifferentiated Embryonal Sarcoma of the Liver: Morphoproteomics Confirms EZH2 and SIRT1 Pathways with Pathogenetic and Therapeutic Implications. Association of Clinical Scientists 136th Annual Meeting. Little Rock, Arkansas; May 4-7, 2016.
138. Anderson KT, Putnam LR, Caldwell KM, Hildebrandt AA, Covey SE, Diffley MB, Kawaguchi AL, Austin MT, Lally KP, **Tsao K**. Surgical Safety Checklists: A Challenging yet Effective Investment. American College of Surgeons – NSQIP Annual Conference, San Diego, CA; July 16-19, 2016.
139. Anderson KT, Putnam LR, Kao LS, Austin MT, Lally KP, **Tsao K**. Buttons, Balloons, and Bounce Backs: Frequent Readmissions after Gastrostomy Tube Placement. American College of Surgeons – NSQIP Annual Conference, San Diego, CA; July 16-19, 2016.
140. Anderson KT, Putnam LR, Kao LS, Austin MT, Lally KP, **Tsao K**. Failing to Rescue? Pre-operative Characteristics Contribute More to Mortality in Pediatric Surgical Patients. American College of Surgeons – NSQIP Annual Conference, San Diego, CA; July 16-19, 2016.
141. Anderson KT, Putnam LR, Pham DH, Ostovar-Kermani TG, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Negative Appendectomy Rates Do Not Increase with Decreased Computed Tomography (CT) Use in Pediatric Appendicitis. American College of Surgeons Clinical Congress 2016, Washington DC.
142. Streck CJ, Arbra C, Mauldin P, Zhang J, Huang E, Savoie K, Santore M, **Tsao K**, Ostovar-Kermani T, Falcone R, Dassinger MS, Recicar J, Haynes J, Blakely M, Russell R, Naik-Mathuri B, St. Peter S, Mooney D, Onwubiko C, Upperman J, Golden J, Vogel A. A Prospective Multicenter Evaluation of Acute Procedural Interventions in Pediatric Blunt Abdominal Trauma: Who, What, Where, When, Why, and How. Pediatric Trauma Society – 3rd Annual Meeting, Nashville, TN; November 11-12, 2016.
143. Streck CJ, Calder B, Vogel AM, Huang EY, Savoie KB, Santore MT, **Tsao K**, Ostovar-Kermani T, Falcone R, Moody S, Dassinger MS, Recicar J, Haynes J, Blakely ML, Russell R, Naik-Mathuria BJ, St. Peter SD, Mooney D, Onwubiko C, Upperman J, Zagory J, Zhang J, Mauldin P. Prospective Evaluation of Focused Abdominal Sonography for Trauma (FAST) in Children Following Blunt Abdominal Trauma. Pediatric Trauma Society – 3rd Annual Meeting, Nashville, TN; November 11-12, 2016.
144. Bartz-Kurycki MA, Anderson KT, Hamilton EC, Ostovar-Kerman TG, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Variable inter-system transfer patterns exist for pediatric appendectomy. South Texas American College of Surgeons. Austin, Texas; February 23-25, 2017.
145. Anderson KT; Bartz-Kurycki MA, Ostovar-Kerman TG, Kawaguchi AL, Austin MT, Kao LS, Lally KP, **Tsao K**. Reducing computed tomography for pediatric appendicitis: what’s the downside? South Texas American College of Surgeons. Austin, Texas; February 23-25, 2017.
146. Bartz-Kurycki MA, Anderson KT, Masada KM, Ottosen MJ, Wang J, Abraham JE, Kawaguchi AL, **Tsao K**. Utility of Parental Engagement in the Pre-Induction Surgical Safety Checklist. National Patient Safety Foundation. Orlando, Florida; May 17-19, 2017.
147. Anderson KT, Bartz-Kurycki MA, Hamilton EC, Ostovar-Kerman TG, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Variable inter-system transfer patterns exist for pediatric appendectomy. Reducing Computed Tomography Dose and Use in the Evaluation of Pediatric Appendicitis. National Patient Safety Foundation. Orlando, Florida; May 17-19, 2017.
148. Anderson KT, Bartz-Kurycki MA, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Hospital Type Determines Imaging Practice for Pediatric Appendicitis. Pacific Association of Pediatric Surgeons. Seattle, Washington; May 28 – June 1, 2017.
149. Anderson KT, Bartz-Kurycki MA, Austin MT, Kawaguchi AL, John SD, Kao, LK, Lally KP, **Tsao K**. Approaching Zero: Implications of a Computed Tomography Reduction Program for Pediatric Appendicitis Evaluation. Pacific Association of Pediatric Surgeons. Seattle, Washington; May 28 – June 1, 2017.
150. Berman L, Rangel S, Goldin A, Skarda D, Ottosen M, Bliss D, Valusek P, **Tsao, K**. Patient safety practices among pediatric surgeons: A survey of participation and attitudes. Pacific Association of Pediatric Surgeons. Seattle, Washington; May 28 – June 1, 2017.
151. Bartz-Kurycki MA, Anderson KT, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Inaccurate Surgical Site Infection Associated with Misclassification of Surgical Wound Class in Pediatric Appendectomy Patients in a Nationwide Database. Pacific Association of Pediatric Surgeons. Seattle, Washington; May 28 – June 1, 2017.
152. Anderson KT, Bartz-Kurycki MA, Austin MT, Kawaguchi AL, John SD, Kao, LK, Lally KP, **Tsao K**. Predictors of Pediatric Appendectomy Transfer within a Large Hospital System. Pacific Association of Pediatric Surgeons. Seattle, Washington; May 28 – June 1, 2017
153. Hamilton EC, Saiyed FK, Miller CC, Eguia AA, Fonseca AA, Baum G, **Tsao K**, Austin MT. The Digital Divide in Adoption and Use of Mobile Health Technology Among Pediatric Caregivers. Pacific Association of Pediatric Surgeons. Seattle, Washington; May 28 – June 1, 2017.
154. Bartz-Kurycki MA, Anderson KT, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Nationwide Misclassification of Surgical Wound Class in Pediatric Appendectomy Patients Results in Inaccurate Surgical Site Infection Estimates. American College of Surgeons National Surgical Quality Improvement Program. New York, New York; July 21-24, 2017
155. Anderson KT, Bartz-Kurycki MA, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Location, Location, Location of Presentation Determines Imaging Practice for Pediatric Appendicitis. American College of Surgeons National Surgical Quality Improvement Program. New York, New York; July 21-24, 2017
156. Bartz-Kurycki MA, Anderson KT, **Tsao K**. Age is Just a Number: Disease Severity and Prematurity Increase the Risk of Surgical Site Infection in Children Undergoing Gastrointestinal Surgery. American College of Surgeons. San Diego, California; October 22-26, 2017.
157. Hamilton EC, Miller CC, **Tsao K**, Lally KP, Kawaguchi AL, Austin MT. Age is Just a Number: Disease Severity and Prematurity Increase the Risk of Surgical Site Infection in Children Undergoing Gastrointestinal Surgery. American College of Surgeons. San Diego, California; October 22-26, 2017.
158. Anderson KT, Bartz-Kurycki MA, Kawaguchi AL, Lally KP, Kao LK, Austin MT, Holzmann-Pazgal G, **Tsao K**. Home Antibiotics for Perforated Appendicitis: Friend of Foe of Antibiotic Stewardship? American College of Surgeons. San Diego, California; October 22-26, 2017.
159. Hamilton EC, Miller CC, **Tsao K**, Girardet RG, Austin MT. Racial and Insurance Disparities Among Children with Burns Related to Suspected Child Maltreatment. American Academy of Pediatrics. Chicago, IL; September 16-19, 2017.
160. Bartz-Kurycki MA, Anderson KT, Avritscher E, Allukian M, Austin MT, Kawaguchi AL, Kao LS, Lally KP, **Tsao K**. Economic Analysis of Inter-Hospital Transfer of Pediatric Appendectomy Patients within a Single Hospital System. American Academy of Pediatrics. Chicago, IL; September 16-19, 2017.
161. Bartz-Kurycki MA, Anderson KT, Austin MT, Kao LS, **Tsao K**, Lally KP, Kawaguchi AL. Post-operative Complications in Children with Down Syndrome Correlate with Other Comorbidities. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
162. Anderson KT, Bartz-Kurycki MA, **Tsao K**. Rigorous Failure Criteria Results in High Yield Post-Operative Imaging for Pediatric Appendicitis. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
163. Supak DN, Bartz-Kurycki MA, Anderson KT, Wythe SN, Garwood GM, Martin RF, Gutierrez R, Kawaguchi AL, **Tsao K**. Pop the Question: Better Pediatric Pre-Induction Checklist Adherence with Parent Engagement. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
164. Martin RF, Anderson KT, Bartz-Kurycki MA, Garwood GM, Wythe SN, Supak DN, Gutierrez R, Austin MT, Kawaguchi AL, Seer AL, Imseis E, Lally KP, **Tsao K**. Tunneled Central Venous Catheters in Pediatric Intestinal Failure Patients: A Single Center Review. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
165. Wythe SN, Anderson KT, Bartz-Kurycki MA, Supak DN, Martin RF, Garwood GM, Gutierrez R, Kawaguchi AL, Austin MT, Lally KP, **Tsao K**. Hurry Up and Wait: Pre-Incision Time in the OR Associated with Pre-Induction Checklist Adherence. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
166. Garwood GM, Anderson KT, Bartz-Kurycki MA, Martin RF, Supak DN, Wythe SN, Gutierrez R, Kawaguchi AL, Austin MT, Lally KP, **Tsao K**. Let the Right One In: High Admission Rate for Low Acuity Pediatric Burns. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
167. Joseph M, Hamilton E, **Tsao K**, Austin MT. The Impact of Sociodemographic and Hospital-Related Factors on Length of Stay After Pyloromyotomy. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
168. Harris K, Hamilton EC, Fonseca AC, Mahajan S, Eguia AA, Harting MT, **Tsao K**, Austin MT. The Family Financial Burden of Outpatient Pediatric Surgical Care and Interest in Telemedicine. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
169. Roybal J, **Tsao K**, Rangel S, Ottesen M, Skarda D, Berman L. Surgical safety checklists in children’s surgery: Surgeon’s attitudes and a review of the literature. Academic Surgical Congress. Jacksonville, FL; January 30 – February 1, 2018.
170. Donepudi R, Huynh M, Papanna R, Mann LK, Johnson A, Moise KJ, Austin MT, Tsao K, Sridhar S, Quintana O, Jain R. Magnesium sulfate infusion during fetla meningomyelocele (fMMC) repair to reduce the dose of inhalational anesthesia. Proceedings for International Pediatric Endosurgery Group. Jackson Hole, Wyoming; October 2017.
171. Anderson KT, Bartz-Kurycki MA, Matuszczak M, Edeoduru RA, Clary J, Serralles D, Kawaguchi AL, Lally KP, **Tsao K**. Thinking outside the (check)box: Evaluating sustainable surgical safety checklist performance. American Pediatric Surgical Association. 47th Annual Meeting. Palm Desert, CA; May 3-6, 2017.
172. Anderson KT, Bartz-Kurycki MA, Austin MT, Kawaguchi AL, Kao LS, Lally KP, **Tsao K**. Room for “Quality” Improvement? Validating National Surgical Quality Improvement Program – Pediatric Appendectomy Data. American Pediatric Surgical Association. 47th Annual Meeting. Palm Desert, CA; May 3-6, 2017.
173. Fecteau A, Rangel S, Berman L, **Tsao K**. Survey on Patient Safety: Comparative Analysis Between CAPS and APSA Respondents. 50th Annual Meeting of the Canadian Association of Paediatric Surgeons. Toronto, Ontario, Canada; Sept 26-29, 2018.
174. Anderson KT, Ferguson D, Bartz-Kurycki MA, Varhidy F, Kao LS, Lally KP, **Tsao K**. The Trial Effect: Association of Randomized Controlled Trial Participation with Improved Outcomes in Pediatric Appendicitis. Society of Asian Academic Surgeons. Milwaukee, WI. September 27-28, 2018.
175. Bartz-Kurycki MA, Anderson KT, Pham DH, Hebballi NB, Thomas EJ, Matuszczak ME, Eichenwald EC, Kao LS, Lally KP, **Tsao K**. 200 Consecutive Surgeries Performed in the Neonatal Intensive Care Unit: A Mixed Methods Study of Errors and Adverse Events. American Academy of Pediatrics National Conference & Exhibition. Orlando, FL; November 2-6, 2018.
176. Bartz-Kurycki MA, Anderson KT, Wythe SN, Russell RT, Jamshidi R, Williams RF, Bucher BT, Cina RA, Alder AC, **Tsao K**. Surgical Site Infection Prevention Practices for Infants Vary Significantly Among Pediatric Surgeons: A Survey of the Pediatric Surgical Research Collaborative. American College of Surgeons 2018 Clinical Congress. Boston, MA. October 21-25, 2018.
177. Bartz-Kurycki MA, Anderson KT, Pham DH, Hebballi NB, Thomas EJ, Matuszczak ME. Eichenwald EC, Kao LS, Lally KP, **Tsao K**. Errors and Adverse Events in the Setting of Neonatal Surgery Performed in the NICU. American College of Surgeons' 2018 Clinical Congress. Boston, MA. October 21-25, 2018.
178. Anderson KT, Bartz-Kurycki MA, Ferguson D, Kawaguchi AL, Austin MT, Kao LS, Lally KP, **Tsao K**. Highs and Lows of Discharge Opioid Prescribing in Common Pediatric Surgical Procedures. American College of Surgeons' 2018 Clinical Congress. Boston, MA. October 21-25, 2018.
179. Anderson KT, Bartz-Kurycki MA, Ferguson DM, Raval M, Wakeman D, Rothstein D, Huang E, Lally KP, **Tsao K**. Opioid Prescribing Practices in Pediatric Surgeons: Changing in Response to the Opioid Epidemic? 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
180. ChicaJK, Bartz-Kurycki MA, Avritscher EB, **Tsao K**, Austin MT. Healthcare Utilization after NICU Discharge: A Descriptive Cost Analysis. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
181. Bartz-Kurycki MA, Anderson KT, Ferguson DM, Curbo ME, Bach JP, Childs AA, Parker TD, Kawaguchi AL, Austin MT, Kao LS, Matuszczak ME, Jain RR, Lally KP, **Tsao K**. Surgical Safety Checklist Adherence Improves Outcomes in Pediatric Patients. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
182. Kerl CG, Chica JK, Bartz-Kurycki MA, Ottosen MJ, Garcia EI, Hebballi NB, Kelly KC, **Tsao K**, Aneji C, Hillman EA, Tang B, Austin MT. Barriers Faced by Parents of Infants Transitioning Home from the NICU: Analysis of a Group Interview. 14th 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
183. Tang B, Chica JK, Hebballi NB, Bartz-Kurycki MA, Garcia EI, Kelly KC, Aneji CU, Hillman EA, Kerl CG, **Tsao K**, Austin MT. Surveying Caregivers of NICU Infants after Transitioning Home. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
184. Sheppard K, Anthony KE, Kubanda A, Salley DC, Bryndzia CH, Jain RR, Wadwha N, Lally KP, **Tsao K**, Kawaguchi AL. Using a Standardized Script and Process Further Improves Pediatric OR to ICU Handoffs. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
185. Anthony KE, Hebballi NB, Sheppard K, **Tsao K**, Kawaguchi AL. A Unique and Helpful Perspective: Parental Input on Pediatric Patient Safety. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
186. Ferguson DM, Anderson KT, Bartz-Kurycki MA, **Tsao K**. Intraoperative Drain Placement in Pediatric Perforated Appendicitis Increases Complication Rate. 14th 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
187. Bach JB, Anderson KT, Ferguson DM, Bartz-Kurycki MA, Kawaguchi AL, Austin MT, Lally KP, **Tsao K**. Audit and Feedback Accelerates Reduction in Opioid Prescriptions in Pediatric Surgical Patients. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
188. Hebballi NB, Bartz-Kurycki MA, Kelly KC, Garcia EI, Chica JK, **Tsao K**, Aneji C, Hillman EA, Austin MT. Stakeholder’s Perception of Barriers to a Successful Transition to Home of NICU Graduates. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
189. Joseph M, Bartz-Kurycki MA, Chica JK, **Tsao K**, Austin MT. Hospital Readmission Following Discharge from the NICU–A Pediatric Health Information System Study. 14th Annual Academic Surgical Congress. Houston, Texas; February 5-7, 2019.
190. Papanna R, Bahtiyar O, Bennett K, Emery SP, Feltis B, Goldstein R, Goodnight W, Jatres J, Lim F, McCullough L, Moehrlen U, Moldenhauer JS, Moon-Grady A, Ruano R, Skupski DW, Thom E, Treadwell MC, **Tsao K**, Vricella Z, Wagner A, Waqar L, Zaretsky M for the fMMC Consortium sponsored by NAFTNet. Use of Tissue Grafts for in-Utero Spina Bifida Repair of large skin defects. Society of Maternal Fetal Medicine Annual Meeting, Las Vegas, NV, February 11-16, 2019.
191. Goodnight W, Bahtiyar O, Bennett K, Emery SP, Feltis B, Goldstein R, , Jatres J, Lim F, McCullough L, Moehrlen U, Moldenhauer JS, Moon-Grady A, Ruano R, Skupski DW, Thom E, Treadwell MC, **Tsao K**, Vricella Z, Wagner A, Waqar L, Zaretsky M for the fMMC Consortium sponsored by NAFTNet. Subsequent pregnancy outcomes after open maternal-fetal surgery for fetal myelomeningocele closure. Society of Maternal Fetal Medicine Annual Meeting, Las Vegas, NV, February 11-16, 2019.
192. Bisbey TM, Kilcullen MP, Thomas E, Ottosen MJ, **Tsao K**, Salas E. An integrated framework for safety culture: A review and evidence-based propositions. 34th annual meeting of the Society for Industrial and Organizational Psychology, National Harbor, MD—Washington, DC, April 2019.
193. Ferguson DM, **Tsao K**. Perception of postoperative pain management after opioid reduction program in the pediatric surgery patients. American Pediatric Surgical Association Annual Meeting. Boston, MA. March 1-014, 2019.
194. Ferguson DM, **Tsao K**. NSQIP-P Reflects Institutional Data But Has Room For Improvement. Pacific Association of Pediatric Surgeons. Christchurch, New Zealand. March 1-014, 2019.
195. Ferguson DM, Ferrante AB, Orr HA, Bartz-Kurycki MA, Anderson KT, Curbo BS, Parker TD, Kawaguchi AL, Austin MT, Chang ML. **Tsao K**. Variability of Antimicrobial Utilization in the Setting of a Pediatric Appendicitis Clinical Practice Guideline. Pacific Association of Pediatric Surgeons. Christchurch, New Zealand. March 1-014, 2019.
196. Ferguson DM, **Tsao K**. Hepatopulmonary Fusion in Congenital Diaphragmatic Hernia: A Case Series. Pacific Association of Pediatric Surgeons. Christchurch, New Zealand. March 10-14, 2019.
197. Kawaguchi AL, Bowen KA, Darnell-Bowens CM, Sheppard K, Hebbali NB, Claire, Byron, **Tsao K**. Multi-institutional Standardized Handoff Program Increases Physician Participation in Pediatric and Neonatal ICU Handoffs. Pacific Association of Pediatric Surgeons. Christchurch, New Zealand. March 1-014, 2019.
198. Ferguson DM, Garcia EI, Hebballi NB, **Tsao K**. Parent Perception of Postoperative Pain Management after Opioid Reduction Program in Pediatric Patients. American Pediatric Surgical Association. Boston, MA. May19-22, 2019.
199. Ferguson DM, Chica JK, Rodean J, Bartz-Kurycki MA, Owusu-Agyemang P, **Tsao K**, Austin MT. Racial and Ethnic Disparities in the use of Epidural Analgesia in Children undergoing Major Abdominal Surgery. American Pediatric Surgical Association. Boston, MA. May19-22, 2019.
200. Ferguson DM, Anderson KT, Bartz-Kurycki MA, Kawaguchi AL, Austin MT, Lally KP, **Tsao K**. Simple Intervention Accelerates Reduction in Opioid Prescriptions by Pediatric Surgeons. American College of Surgeons Quality and Safety Conference, July 19-22, 2019.
201. Ferguson DM, Anderson KT, Bartz-Kurycki MA, Curbo ME, Parker TD, Childs A, Bach JP, **Tsao K**. Surgical Safety Checklist Adherence Is Associated with Better Pediatric Surgical Outcomes. American College of Surgeons Quality and Safety Conference, July 19-22, 2019.
202. Ferguson DM, **Tsao K**. Postoperative White Blood Cell Count is an Independent Predictor of Intra-abdominal Abscess in Complicated Appendicitis. Scientific Forum. American College of Surgeon Clinical Congress. San Francisco, CA. October 27-31, 2019.
203. Ferguson DM, Lally PA, Mitchell KG, Garcia EI, **Tsao K**, Lally KP, Harting MT. Birth Weight Best Predicts Patient Outcomes in Infants who Undergo Congenital Diaphragmatic Hernia Repair. Scientific Forum. American College of Surgeon Clinical Congress. San Francisco, CA. October 27-31, 2019.
204. Ferguson DM, Ferrante AB, Orr HA, Curbo ME, Parker TD, Garcia EI, Hebballi NB, Change ML, **Tsao K**. Antibiotic Utilization Variation in the Setting of Long-Standing Clinical Practice Guideline for Pediatric Appendicitis. Society of Academic Asian Surgeons. Boston, MA. September 26-27, 2019.
205. Ferguson DM, Curbo ME, Garcia EI, Hebballi NB, **Tsao K**. Validation of NSQIP-P Reported Outcomes After Gastrointestinal Surgery in Infants. Society of Academic Asian Surgeons. Boston, MA. September 26-27, 2019.
206. Ferguson DM, Lally PA, Mitchell KG, Garcia EI, **Tsao K**, Lally KP, Harting MT. Birth Weight Predicts Patient Outcomes in Infants who Undergo Congenital Diaphragmatic Hernia Repair. American Academy of Pediatrics, Section on Surgery, New Orleans, LA; October 25-29, 2019.
207. Ferguson DM, Gupta VS, Lally PA, Luco M, **Tsao K**, Lally KP, Patel N, Harting MT. Early, Postnatal Pulmonary Hypertension Severity is Predictive of Early Outcomes in Congenital Diaphragmatic Hernia. American Academy of Pediatrics, Section on Surgery, New Orleans, LA; October 25-29, 2019.
208. Bergh E, **Tsao K**, Austin MT, Fletcher SA, Lopez SM, Moise KJ Jr. Johnson A, Papanna R. Outcomes after in-utero spina bifida repair based on delivery location: Fetal Center vs. Referring Physician. Society for Maternal-Fetal Medicine Annual Clinical February 3-7, 2020, Dallas TX. Poster presentation.
209. Moldenhuaer JS, Soni S, Bennett KA, Crombleholme T, Fisher A, Goldsetin R, Goodnight W, Hirose S, Jatres J, Lillegard J, McCullough L, Lim FY, Moehrlen U, Mood-Grady A, Skupski D, Thom EA, Treadwell MC, **Tsao K**, Wagner A, Zaretsky M for NAFTnet. Does parity impact outcomes with open maternal-fetal surgery for myelomeningocele closure? Society for Maternal-Fetal Medicine Annual Clinical February 3-7, 2020, Dallas TX. Poster presentation.
210. Ferguson DM, Parker TD, Arshad SA, Garcia EI, Nebballi NB, **Tsao K**. Discharge Antibiotics are Associated with Reduced Abscess Rate in Pediatric Perforated Appendicitis. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
211. Marino VE, Ferguson DM, Arshad SA, Garcia EL, Hebballi NB, Anding CM, Kamat PS, Girardet RG, **Tsao K**, Austin MT. Predictors of Opioid Prescription and Use in Pediatric Burn Patients. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
212. Ceron SA, Ferguson DM, Arshad SA, Vehawn JW, Noorkbaksh AA, Garcia EI, Hebballi NB, **Tsao K**. Opioid Prescribing Practices and Attitudes Among Pediatric Surgical Providers. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
213. Marino VE, Ferguson DM, Arshad SA, Garcia EI, Hebballi NB, Anding CM, Kamat PS, Girardet RG, **Tsao K**, Austin MA. Risk Factors for Non-Accidental Burns in Children. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
214. Vehawn JW, Ferguson DM, Arshad SA, Ceron SA, Noorbaksh AA, Garcia EI, Hebballi NB, **Tsao K**. Understanding Operative Delays and Same-Day Cancellations in Pediatric Surgery. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
215. Noorbaksh AA, Arshad SA, Ferguson DM, Garcia EI, Hebballi NB, Ceron SA, Vehawn JW, **Tsao K**. Parent Perceptions of a Pre-Induction Checklist After Implementation of a Parent-Centered Script. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
216. Arshad SA, Ferguson DM, Noorbaksh AA, Vehawn JW, Ceron SA, Garcia EI, Hebballi NB, **Tsao K**. Implementation of a Parent Centered Script for the Pre-Induction Checklist in Pediatric Surgery. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
217. Rojas IA, Hebballi NB, Rizzi J, **Tsao K**, Kawaguchi AL. Engaging Parents to Improve Patient Safety. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
218. Garcia EI, Ferguson DM, Arshad SA, Hebballi NB, **Tsao K**. Parent-Reported Opioid Utilization and Satisfaction with Pediatric Pain Management. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
219. Anding CM, Ferguson DM, Arshad SA, Kamat PS, Bain AP, Garcia EI, Hebballi NB, Cameron SD, **Tsao K**, Austin MT. Preoperative opioids associated with increased postoperative opioid use in pediatric appendicitis. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
220. Kamat PS, Ferguson DM, Arshad SA, Anding CM, Bain AP, Garcia EI, Hebballi NB, Cameron SD, **Tsao K**, Austin MT. Factors Associated with Receiving Regional Anesthesia in Pediatric Appendectomy Patients. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
221. Noorkbaksh AA, Arshad SA, Feguson DM, Garcia EI, Hebballi NB, CEron SA, Vehawn JW, **Tsao K**. Parent Perceptions of a Pre-Induction Checklist After Implementation of a Parent-Centered Script. Academic Surgical Congress, 15th Annual Meeting. Orlando, FL; February 4-6, 2020.
222. Li LT, Hebballi NB, Arshad SA, Hatton G, Ferguson DM, Austin MT, Lally KP, **Tsao K**. Variation in opioid utilization among neonates with gastroschisis. Pacific Association of Pediatric Surgery, 53rd Annual Meeting, Virtual, April 19-23, 2020.
223. Arshad SA, Ferguson DM, Garcia EI, Hebballi NB, Li LT, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Gaps in opioid knowledge and prescribing patterns among pediatric surgery providers. Pacific Association of Pediatric Surgery, 53rd Annual Meeting, Virtual, April 19-23, 2020.
224. Arshad SA, Hatton G, Ferguson DM, Li LT, Austin MT, **Tsao K**. Cryoanalgesia enhances recovery from minimally invasive repair of pectus excavatum resulting in reduced length of stay: A case-matched analysis of NSQIP-Pediatric patients. Pacific Association of Pediatric Surgery, 53rd Annual Meeting, Tainan, Taiwan, April 19-23, 2020.
225. Arshad SA, Ferguson DM, Hatton G, Li LT, Austin MT, Kawaguchi AL, **Tsao K**. Increasing utilization of video-assisted thoracic surgery in the treatment of congenital pulmonary lesions: Evaluating trends in surgical management and effect on outcomes in NSQIP-Pediatric. Pacific Association of Pediatric Surgery, 53rd Annual Meeting, Tainan, Taiwan, April 19-23, 2020. Virtual
226. Ferguson DM, Arshad SA, Avritscher EBV, Li LT, Austin MT, Kawaguchi AL, Lally KP, **Tsao K**. Costs Associated with Postoperative Intra-abdominal Abscess in Pediatric Perforated Appendicitis. Pacific Association of Pediatric Surgery, 53rd Annual Meeting, Tainan, Taiwan, April 19-23, 2020. Virtual
227. Arshad SA, Ferguson DM, Garcia E, Hegde B, Danko K, Zurek J, Kawaguchi AL, Lally KP, **Tsao K**. Children's Surgery Verification: Challenges with Data Acquisition for the Verification Process; Academic Surgical Congress; Houston, TX, Feb 4, 2020
228. Story H, Arshad SA, Garcia E, Hegde B, Gable M, Tartibi S, Hebballi N, **Tsao K**. The Impact of COVID-19 Stay-at-Home Orders on Pediatric Appendicitis Presentation; Academic Surgical Congress; Houston, TX, Feb 3, 2020
229. Gable M, Hebballi N, Arshad SA, Garcia E, Tartibi S, Story H, Hegde B, **Tsao K**. Pediatric Gastrojejunostomy Tubes Fraught with Complications; Academic Surgical Congress; Houston, TX, Feb 2, 2020
230. Tartibi S, Hegde S, Arshad SA, Story H, Gable M, Garcia E, Hebballi N, **Tsao K**. Effect of a Parent-Centered Surgical Safety Checklist on Surgical Outcomes in Pediatric Patients; Academic Surgical Congress; Houston, TX, Feb 2, 2020
231. Brock CO, Garnett J, Hentosh S, Bergh EP, Johnson A, Ruano R, Fletcher S, Austin MT, **Tsao K**, Hughes K, Patel R, Papanna R. The significance of hindbrain herniation reversal following prenatal surgery for fetal neural tube defects. Society of Maternal Fetal Medicine. 42nd Annual Meeting. Jan 31- Feb 5, 2022. Orlando, FL.
232. Hamner TF, Kim DJ, Wilkin CE, Hegde BN, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Speer AL, **Tsao K**. Variability of Antibiotic Therapy for Operative and Non-Operative Necrotizing Enterocolitis; Academic Surgical Congress; Orlando, FL, Feb, 2022
233. Kim DJ, Wilkin CE, Hamner TF, Hegde BN, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Matuszcsak M, **Tsao K**. Regional Anesthesia in Neonates Undergoing General Surgery Procedures is Safe; Academic Surgical Congress; Orlando, FL, Feb, 2022
234. Wilkin CE, Hamner TF, Kim DJ, Hegde BN, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Kawaguchi AL, **Tsao K**. Significant Gaps in Parent Preparedness and Confidence to Voice Concerns Before Child’s Surgery; Academic Surgical Congress; Orlando, FL, Feb, 2022
235. Hegde BN, Garcia EI, Hamner TF, Kim DJ, Wilkin CE, Hebballi NB, Broussard M, Arshad SA, Speer AL, **Tsao K**. Necrotizing Enterocolitis Nutritional Support Effect on Patient Outcomes; Academic Surgical Congress; Orlando, FL, Feb, 2022
236. Hamner TF, Kim DJ, Wilkin CE, Hegde BN, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Speer AL, **Tsao K**. Evaluation of Antibiotic Therapy for the Treatment of Non-Operative and Operative Necrotizing Enterocolitis. South Texas American College of Surgeons; Houston, TX, February, 2022.
237. Kim DJ, Wilkin CE, Hamner TF, Hegde BN, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Matuszcsak M, **Tsao K**. Validating the Safety of Regional Anesthesia Administration for Neonates Undergoing General Surgery Procedures; South Texas American College of Surgeons: Houston, TX, February, 2022.
238. Wilkin CE, Hamner TF, Kim DJ, Hegde BN, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Kawaguchi AL, **Tsao K**. Significant Deficits Exist in Parent Preparedness and Confidence to Voice Concerns Prior to Their Child’s Surgery. South Texas American College of Surgeons: Houston, TX, February, 2022.
239. Hegde BN, Hamner TF, Kim, DJ, Wilkin CE, Garcia EI, Hebballi NB, Broussard M, Arshad SA, Speer AL, Tsao K. Evaluating nutritional support in necrotizing enterocolitis. South Texas American College of Surgeons: Houston, TX, February, 2022.
240. **Tsao K**, Bruzoni, M, Downard C, Ehrlich PF, Feliz A, Hebballi NB, Javid P, Mak GZ, Nwomeh BC, Tagge EP, Want KS, Huang EY. Significant Heterogeneity in North American Pediatric Training Programs: A Survey of Fellowship Program Directors; American Pediatric Surgical Association: San Diego, CA, May 2022
241. Akahara NB, Arbuthnot M, Chang M, Pandey R, **Tsao K**, Domonoske C, Li W, Ault W, Speer AL, Forbes M, Aneji C. Standardization of the management of necrotizing enterocolitis at a single-center neonatal intensive care unit: a quality improvement initiative. The Southern Regional Meeting. New Orleans, LA, February 10-12, 2022.
242. Bergeson R, Hebballi NB, Gupta V, Garcia EI, Austin MT, **Tsao K**, Reynolds EW, Li L. Looking for closure – variations in gastroschisis pain management in a level 1 NICU. The Southern Regional Meeting. New Orleans, LA, February 10-12, 2022.
243. Hernandez-Andrade EA, Huntley ES, Mika G, **Tsao K**, Lopez SM, Papanna RP, Bergh E, Johnson A. Fetal hemodynamic response and fluid consumption after serial amnioinfusions in fetuses with anhydramnios due to renal anomalies. International Society of Ultrasound in Obstetrics and Gynecology. London, England; September 16-18, 2022.
244. Hernandez-Andrade EA, Huntley ES, Papanna RP, Harting MT, **Tsao K**, Lopez SM, Bergh E, Soto E, Johnson A. Prediction of large diaphragmatic defects based on prenatal ultrasound findings. International Society of Ultrasound in Obstetrics and Gynecology. London, England; September 16-18, 2022.
245. Papanna RP, Fletcher SA, Mann L, Garnett J, Bergh EP, Austin MT, Miller B, Refurerzo J, Johnson A, Jain R, **Tsao K**. Fetoscopic myelomeningocele(fMMC) repair with Human Umbilical Cord (fMMC-HUC) Compared with Open In-Utero MMC Repair(oMMC). 43rd Society of Maternal Fetal Medicine Annual Meeting. San Francisco, CA; February 5-11, 2023.
246. Owings SM, Ghosh N, Crowley BP, Kim D, Humpal DM, Hegde B, Garcia E, Hebballi NB, Broussard M, Matuszcak M, **Tsao K**. Regional Blocks in Infants are Associated with Decrease in Short-Term Need for Opioids. 18th Annual Academic Surgical Congress. Houston, Texas; February 5-9, 2023.
247. Humpal DM, Crowley BP, Ghosh N, Owings SM, Wilkins C, Hegde B, Garcia E, Hebballi NB, Broussard M, Kawaguchi AL, **Tsao K**. Preoperative Education Disparities: Spanish-speaking Parents Feel Less Prepared. 18th Annual Academic Surgical Congress. Houston, Texas; February 5-9, 2023.
248. Ghosh N, Owings SM, Mendenhall J, Humpal DM, Hegde B, Garcia E, Hebballi NB, Broussard M, Fisher T, Lally KP, **Tsao K**. Timing of Imaging Correlates with Diagnosis of Post-operative Infections in Pediatric Patients. 18th Annual Academic Surgical Congress. Houston, Texas; February 5-9, 2023.
249. Crowley BP, Humpal DM, Ghosh N, Owings SM, Garcia EI, Hebballi NB, Broussard M, **Tsao K**, Hsu D. Surgical trainees with greater notice of case participation require less intraoperative guidance. 18th Annual Academic Surgical Congress. Houston, Texas; February 5-9, 2023.
250. Hebballi NB, DeSantis S, Brown EL, Markham C, **Tsao K**. Impact of Body Mass Index on Pediatric Complicated Appendicitis and Postoperative Complications. 143rd Annual American Surgical Association. Toronto, Canada; April 20-22, 2023.
251. Hegde B, Haley L, Arshad S, Garcia E, Papanna R, Johnson A, **Tsao K**. Late-Gestation Congenital Pulmonary Airway Malformation Volume Ratio (CVR) Predictive of Early Surgery for Neonates with Congenital Pulmonary Airway Malformations. American College of Surgeons Clinical Congress, Boston, MA. October 20-24, 2023.
252. Papanna R, Fletcher SA, Mann LK, Garnett J, Agarwarl ND, Salazar A, Backley S, Bergh EP, Austin MT, Miller B, Refuerzo JS, Johnson A, Espinoza J, Jain R, **Tsao K**. Fetoscopic Spina Bifida(fSB) repair with Human Umbilical Cord(HUC) Compared with Open In-Utero SB Repair (oSB). Poster Presentation, Society for Maternal Fetal Medicine Annual Clinical Meeting 2024, Baltimore, MD.
253. Mann LK, Pandiri S, Won JH, Garnett J, Northrup H, Au KS, Grundberg E, Bergh EP, Austin MT, Miller B, **Tsao K,** Fletcher SA, Papanna R. Morphometric Analysis of Spina Bifida(SB) to Associate Pre-operative Severity and Clinical Outcomes after Fetal Repair. Poster Presentation, Society for Maternal Fetal Medicine Annual Clinical Meeting 2024, Baltimore, MD.
254. Werth SL, Hebballi NB, **Tsao K**, Speer AL. Enhanced recovery after surgery in neonates and infants undergoing ostomy takedown. 19th Annual Academic Surgical Congress. Washing DC; Feb 6-8, 2024.
255. Sutyak KM, Hebballi NB, Broussard M, Garcia E, Bidart Y, Young YL, Jayarajan NG, Anderson I, Taylor L, Little D, Mendenhall J, **Tsao K**. Parents know best? Parent-child concordance in pectus chest wall deformities. 19th Annual Academic Surgical Congress. Washing DC; Feb 6-8, 2024.
256. Jayarajan NG, Young YL, Anderson I, Sutyak KM, Hebballi NB, Garcia E, Broussard M, Fisher T, Lally KP, **Tsao K**. Pediatric surgery and pain relief: A closer look at opioid prescription trends. 19th Annual Academic Surgical Congress. Washing DC; Feb 6-8, 2024.
257. Young YL, Jayarajan NG, Anderson I, Sutyak KM, Hebballi NB, Garcia E, Broussard M, Fisher T, Bidart Y, Lally KP, **Tsao K**. Safeguarding our pediatric patients: Shortcomings of implementation of surgical safety checklist. 19th Annual Academic Surgical Congress. Washing DC; Feb 6-8, 2024.
258. Anderson I, Young YL, Jayarajan NG, Sutyak KM, Garcia E, Hebballi NB, Broussard M, Fisher T, Hegde B, Ghosh N, John S, Rose S, Lally KP, **Tsao K**. Minimizing does, maximizing care: Evaluating computed tomography dosing for pediatric appendicitis. 19th Annual Academic Surgical Congress. Washing DC; Feb 6-8, 2024.
259. Mann L, Pandiri S, Agarwal N, Northrup H, Au KT, Grundberg E, Bergh E, Austin MT, Patel R, Miller B, Zhu S, Lai D, **Tsao K**, Fletcher SF, Papanna R. Morphometric Analysis of Spina Bifida to Associate Preoperative Severity and Clinical Outcomes after Fetal Repair. 28th International Conference on Prenatal Diagnosis and Therapy. Boston MA; July 7019, 2024.
260. Papanna R, Fletcher SF, Mann L, Bergh EP, Austin MT, Miller BA, Refuerzo J, Johnson A, Jain R, **Tsao K**. Fetoscopic spina bifida repair with human umbilical cord patch compared with open in-utero spina bifida repair. 28th International Conference on Prenatal Diagnosis and Therapy. Boston MA; July 7019, 2024.
261. Hegde BN, Mendenhall J, Haley L, Drucker NA, Zamora AZ, Nguyen T, Morice C, Garcia EI, Hebballi NB, Broussard M, Gautam NK, Sam R, Anaya L, **Tsao K**. Enhancing Efficiency with Boarding Pass: Timely Gastrostomy Tube Surgery and Shorter Stays After Congenital Cardiac Surgery. Congenital Cardiac Anesthesia Society. April 11, 2024; Anaheim, CA
262. Mechanical Bowel Preparation and Oral Antibiotics Do Not Impact Pediatric Surgical Site Infections. Anapolsky M, Ringheanu VM, Strubel JJ , Sutyak KM, Hebballi NB, Joly JM , Broussard M, **Tsao K**. 20th Annual Academic Surgical Congress. Las Vegas, NV; Feb 11-13, 2025.
263. EMR Transition Challenges: Discrepancies Between Clinical Scoring Tools in Pediatric Appendicitis. Ringheanu VM, Strubel JJ, Anapolsky M, Sutyak KM, Hebballi NB, Joly JM, Broussard M, Fisher T, Lally KP, Tsao K. 20th Annual Academic Surgical Congress. Las Vegas, NV; Feb 11-13, 2025.
264. Is it Time to Expand the Surgical Criteria? The Psychosocial Impact of Pectus Excavatum in Children. Sutyak KM, Hebballi NB, Bidart Y, Joly JM, Taylor L, Little D, **Tsao K**. 20th Annual Academic Surgical Congress. Las Vegas, NV; Feb 11-13, 2025.
265. Utility of Ex-utero Intrapartum Treatment: An analysis of maternal and neonatal outcomes. Sutyak KM, Joly JM, Tang C, Bergh EP, Espinoza J, Johnson A, Pappana R, Austin MT, **Tsao K**. 20th Annual Academic Surgical Congress. Las Vegas, NV; Feb 11-13, 2025.
266. Distance to Disparity: Home to Hospital may limit access to Pediatric Congenital Surgical Care. Strubel JJ, Anapolsky M, Ringheanu VM, Sutyak KM, Habballi NB, Broussard M, Joly JM, Fisher T, **Tsao K**. 20th Annual Academic Surgical Congress. Las Vegas, NV; Feb 11-13, 2025.
267. An Ultrasound-First Approach for Pediatric Appendicitis: Not for Every Child? Joly JM, Sutyak KM, Ringheanu V, Anderson I, Hebballi NB, Jayarajan N, Young Y, Tang C, Brown A, Trippet J, John S, Lapus R, Kawaguchi AL, Lally KP, **Tsao K**. 58th Annual Meeting of the Pacific Association of Pediatric Surgeons. Melbourne, Australia; April 13-17, 2025.
268. Normal Saline Flushes are Equivalent to Heparin in Pediatric Central Venous Catheter Thrombosis. Malik N, Mayon L, Tsao K, Speer AL, Lally KP, Austin MT. 58th Annual Meeting of the Pacific Association of Pediatric Surgeons. Melbourne, Australia; April 13-17, 2025.
269. Outcomes of Split-Thickness Skin Grafting With and Without Epidermal Autografting in Pediatric Burn Care. Sutyak KM, Joly JM, Nguyen T, Boden M, Morice C, Ringheanu V, Anapolsky M, Strubel J, **Tsao K**, Drucker NA. 58th Annual Meeting of the Pacific Association of Pediatric Surgeons. Melbourne, Australia; April 13-17, 2025.
270. Stent it and Forget it? Not in Kids: Endovascular Treatment of Traumatic Arterial Injuries in Adolescents. Sutyak KM, Joly JM, Wang SK, **Tsao K**, Austin MT, Drucker NA. 58th Annual Meeting of the Pacific Association of Pediatric Surgeons. Melbourne, Australia; April 13-17, 2025.
271. The Impact of State Legislation on the Incidence of Births with Congenital Anomalies in Texas. Malik N, Fritz C, Anderson CR, Sutyak KM, Joly JM, Bergh EP, Perrier N, **Tsao K**, Lally KP, Austin MT. 145th Annual Meeting of the American Surgical Association. San Diego, CA; April 24-26, 2025.

**Refereed Original Articles in Journals:**

1. **Tsao K**, Wilkinson S, Overman J, Kieltyka J, Tollefson T, Koller W, Pawha R, Troster A, Lyons K, Batznitzky S, Wetzel L, Gordon M. Comparison of Actual Pallidotomy Lesion Location with Expected Lesion Location. *Journal of Stereotactic and Functional Neurosurgery*, 1998, Vol 71, No 1; pp 1-19
2. **Tsao K**, Wilkinson S, Overman J, Koller W, Batnitzky S, Gordon M. Pallidotomy Lesion Locations: Significance of Microelectrode Refinement. *Neurosurgery*, September 1998. Vol 43-3; p503.
3. Sydorak RM, Hirose S, **Tao K**, Sandberg P, Filly RA, Harrison MR, Farmer DL, Albanese C. Chorioamniotic membrane separation following fetal surgery. *Proceedings of the International Fetal Medicine and Surgical Society*, August 2000.
4. Sydorak RM, **Tsao K**, Hirose S, Chen Y-Y, Weintraub P, Sandberg PL, Filly RA, Harrison MR, Farmer DL, Albanese. C. Coccidiodes immitus in the gallbladder and biliary tree. *Journal of Pediatric Surgery*, 36(7), 1054-1057, 2001.
5. Albanese CT, Sydorak R, Lee H, Feldstein V, Machin G, **Tsao K**, Farmer DL, Harrison MR. Complications of Monochorionic Twinning: Spectrum of Disorders and Treatment. *Pediatric Endosurgery and Innovative Techniques*, Spring 2001 V5 (1); 64.
6. **Tsao K**, Hirose S, Sandberg PL, Filly RA, Albanese CT, Harrison MR, Farmer DL. Selective Reduction of Acardiac Twin by Radiofrequency Ablation. *American Journal of Obstetrics and Gynecology*, 187(3Pt1):635-40, 2002.
7. **Tsao K**, Hirose S, Sydorak R, Goldstein RB, Machin GA, Norton M, Albanese CT, Farmer DL. Fetal Therapy of Giant Hepatic Cyst. *Journal of Pediatric Surgery*; 37(10):E31-5, 2002.
8. **Tsao K**, Chuang NA, Filly RA, Filly RA, Barvovich J, Goldstein RB. Entrapped Fourth Ventricle: Another Pitfall in the Prenatal Diagnosis of Dandy-Walker Malformations. *Journal of Ultrasound in Medicine*, Vol. 21, p91-96, 2002.
9. Sydroak RM, Goldstein RB, Hirose S, **Tsao K**, Farmer DL, Lee H, Harrison MR, Albanese CT. Congenital Diaphragmatic Hernia and hydrops: A lethal association? *Journal of Pediatric Surgery*, 37(12):1678-1680, 2002.
10. Sydorak RM, Nijagal A, Sbragia L, Hirose S, **Tsao K**, Phibbs RH, Schmitt SK, Lee H, Farmer DL, Harrison MR, Albanese CT. Gastroschisis: Small Hole, Big Cost. *Journal of Pediatric Surgery*,37(12):1669-1672, 2002.

# Sydorak RM, Fieldstone V, Marching G, Tsao K, Hirose S, Lee H, Farmer DL, Harrison MR,Albanese CT. Fetoscopic treatment for discordant twins. *Journal of Pediatric Surgery*, Dec: 37 (12): 1736-9, 2002.

# Tsao K, Lee H, Dhawan K, Danzer E, Sydorak R, Hirose S, Chiba T, Acosta A, Farmer DL, Albanese CT, Harrison MR. Comparison of drainage techniques for biliary atresia. *Journal of Pediatric Surgery*, July 38(7), 1005-7, 2003.

1. Albanese CT, Sydorak RM, **Tsao K**, Lee H. Thoracoscopic Resection of Prenatally Diagnosed Lung Lesions. *Journal of Pediatric Surgery*, Apr 38(4), 553-5, 2003.
2. Hirose S, Sydorak RM, **Tsao K**, Cauldwell CB, Newman KD, Mychaliska GB, Albanese CT, Lee H, Farmer DL. Spectrum of Intrapartum Management Strategies for Giant Fetal Cervical Teratoma. *Journal of Pediatric Surgery*, Mar 38(3), 508-10, 2003.
3. **Tsao K**, Hawgood S, Dhawan K, Hirose S, Sydorak R, Albanese CT, Farmer DL, Harrison MR, Lee H. Resolution of Hydrops Fetalis in Congenital Cystic Adenomatoid Malformation after Prenatal Steroid Therapy. *Journal of Pediatric Surgery*, Mar 38(3), 508-10, 2003.
4. **Tsao K**, Wei B, Ball R, Farmer DL, Nobuhara K, Harrison MR, Lee H. Fetal intervention may benefit fetuses with severe right-sided CDH. *American Journal of Obstetrics and Gynecology*, 189 (6), supp S1: S214, 2003.

# Tsao K, Lee H. Extrapleural Thoracoscopic Repair of Esophageal Atresia with Tracheo-Esophageal Fistula. *Pediatric Surgery International*, Apr 21(4):308-10, 2005.

1. **Keckler SJ, St. Peter SD, Valusek PA, Tsao K, Snyder CL, Holcomb GW III, Ostlie DJ. VACTERL Anomalies in Patients with Esophageal Atresia: An Updated Delineation of the Spectrum and Review of the Literature. *Pediatric Surgery International*,** Apr; 23(4):309-313. 2007.
2. Garg NT, St. Peter SD, **Tsao K,** Holcomb III GW.Minimally Invasive Management of Penetrating Thoracoabdominal Trauma in a Child. *Journal of Trauma*. Jul; 61(1):211-2, 2006.
3. Valusek PA, **Tsao K,** St. Peter SD,Sharp RJ, Andrews WS, Snyder CL, Ostlie DJ, Holcomb III GW. A Comparison of Chest Tubes versus Bulb Suction Drains in Pediatric Thoracic Surgery. *Journal of Pediatric Surgery*, 42(5):812-4; May 2007.
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5. Valusek PA, St. Peter SD, **Tsao K**, Spilde TL, Ostlie DJ, Andrews WS, Sharp RJ, Snyder CL, Holcomb GW III. The Use of Fundoplication as Prevention of Apparent Life-Threatening Events. *Journal of Pediatric Surgery*, Vol 42(6): 1022-25; June 2007.
6. **Tsao K,** St. Peter SD, Valusek TA, Keckler SJ**,** Sharp SW, Holcomb III GW, Snyder CL, Ostlie DJ. Adhesive Small Bowel Obstruction after Appendectomy in Children: Comparison between the Laparoscopic and Open Approach. *Journal of Pediatric Surgery*, Vol 42(6):939-42; June 2007.
7. Nair A, St. Peter SD, **Tsao K**, Ostlie DJ, Holcomb GW III. Thoracoscopy for Malignancy in Children. *Surgical Endoscopy*, Vol 21, Supp 1: S476, 2007.
8. St. Peter SD, Valusek, TV, **Tsao K**, Holcomb III GW, Ostlie DJ, Snyder CL. Abdominal Complications Related to Type of Repair for Congenital Diaphragmatic Hernia. *Journal of Surgical Research.* Vol140(2):234-236, Jun 15, 2007.
9. Vu L, **Tsao K**, Lee H, Albanese CT, Farmer DL, Harrison ML, Lee H, Goldstein RB.Characteristics of Congenital Cystic Adenomatoid Malformations Associated with Non-immune hydrops and Outcome. *Journal of Pediatric Surgery*, Aug; 42(8):1351-6, 2007.
10. Upadhyaya P, Spilde TL, Keckler SJ, **Tsao K**, Ostlie DJ. Anorectal Hamartoma in a Neonate: A case report of a unique anorectal mass. *Journal of Pediatric Surgery,* 42(9):e31-e33; Sept, 2007.
11. St. Peter SD, Sharp RJ, Upadhyaya P, **Tsao K**, Ostlie DJ, Holcomb III GW, A Straightforward Technique for Removal of the Substernal Bar Following the Nuss Operation. *Journal of Pediatric Surgery* 42(10): 1789-91; Oct 2007.
12. Keckler SJ, Spilde TL, St. Peter SD, **Tsao K**, Ostlie DJ. Treatment of Bronchopleural fistula with Small Intestinal Mucosa and Fibrant Sealant. *Annals of Thoracic Surgery* 84(4):1383-6, Oct. 2007.
13. St. Peter SD, **Tsao K**, Whittaker CL, Schow AJ, Grist G. Emergent Cardiopulmonary Support Circuit to Allow Tracheo-Bronchial Foreign Body Removal. *Progress in Pediatric Cardiology* Vol 24: 127-129; 2008).
14. **Tsao K**, St. Peter SD, Sharp SW, Nair A, Ostlie DJ, Holcomb III GW. Current Application of Thoracoscopy in Children. *Laparoendoscopic and Advanced Surgical Techniques,* 18(1):131-5; Feb 2008.
15. St. Peter SD, **Tsao K**, Holcomb III GW, Sharp SW, Spilde TL, Murphy JP, Snyder CL, Ostlie DL. Single day dosing of Ceftriaxone and Metronidazole versus Standard triple antibiotic regimen for Perforated Appendicitis in Children: A Prospective Randomized Trial. *Journal of Pediatric Surgery*. June 43(6): 981-85; 2008.
16. Keckler SJ, **Tsao K**, Sharp SW, Ostlie DJ, Holcomb III GW, St. Peter SD. Resource Utilization and Outcomes from percutaneous drainage and interval appendectomy for perforated appendicitis with abscess. *Journal of Pediatric Surgery*. June 43(6): 977-80; 2008.
17. **Tsao K,** St. Peter SD, Valusek PA, Spilde TL, Keckler SJ, Nair A, Ostlie DJ, Holcomb III GW. Management of Pediatric Acute Appendicitis in the CT Era. *Journal of Surgical Research*, Jun 15; 147(2):221-4. Epub 2008 Apr 8.
18. St. Peter SD, **Tsao K**, Sharp SW, Holcomb III GW, Ostlie DJ. Blood utilization in children with blunt solid organ injury. *Journal of Surgical Research*. April 9, Epub, 2008.
19. Keckler SJ, St Peter SD, Spilde TL, **Tsao K**, Ostlie DJ, Holcomb GW 3rd, Snyder CL. Current significance of meconium plug syndrome. *J Pediatr Surg. 2008 May; 43(5):896-8.*
20. Keckler SJ, Spilde TL, Ho B, **Tsao K**, Ostlie DJ, Holcomb GW 3rd, St Peter SD. Chest radiograph after central line placement under fluoroscopy: utility or futility? *J Pediatr Surg*. 2008 May; 43(5):854-6.
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22. Markis KI, St. Peter SD, **Tsao K**, Ostlie DJ. Laparoscopic Intragastric Stapled Gastrocystostomy of Pancreatic Pseudocyst in a Child. *Laparoendoscopic and Advanced Surgical Techniques,* 18(5): 771-773, Sept. 2008.
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27. Valusek PA, **Tsao K**, Ostlie DJ. Traumatic Lumbar Hernia in a Child. *Journal of Trauma*. 2009 Oct; 67(4):E102-3.
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**Refereed Original Articles in Multimedia:**

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7. **Tsao K**, Lally KP. Surgical Management of the Newborn with Congenital Diaphragmatic Hernia. *Fetal Diagn Ther*. 2011;29(1):46-54.
8. **Tsao K.** Pediatric Appendectomy. *Current Problems in Surgery*. 2012.
9. **Tsao K,** Lally KP. Innovations in the surgical management of congenital diaphragmatic hernia. *Clinics in Perinatology.* Vol. 39, No. 2, June 2012.
10. Wray CJ, Kao LS, Millas SG, **Tsao K**, Ko TC. Acute appendicitis: controversies in diagnosis and management. *Curr Probl Surg*, 2013 vol. 50(2) pp. 54-86
11. **Tsao K**, Browne MB. Culture of safety: A foundation for patient care. *Semin Pediatr Surg*. 2015 Dec;24(6):283-7. doi: 10.1053/j.sempedsurg.2015.08.005.
12. Moise KJ, **Tsao K**, Papanna RM, Bebbington MW. Fetoscopic Repair of Meningomyelocele. *Obstet Gynecol.* 2015 Sep;126(3):674. doi: 10.1097/AOG.0000000000001020. PMID: 26287774
13. **Tsao K**. Surgical Wound Misclassification: A Multicenter Evaluation: In Reply to Dodds and Dodds. *J Am Coll Surg*. 2015 Sep;221(3):781-2. doi: 10.1016/j.jamcollsurg.2015.06.005. PMID: 26296687
14. Anderson KT, Appelbaum R, Bartz-Kurycki MA, **Tsao K**, Browne M. Advances in perioperative quality and safety. Semin Pediatr Surg. 2018 Apr;27(2):92-101. doi: 10.1053/j.sempedsurg.2018.02.006. Epub 2018 Feb 7. PMID: 29548358
15. **Tsao K**, Johnson A. Fetal Occlusion for Congenital Diaphragmatic Hernia. Semin Perinatol. 2019 Jul 30:151164. doi: 10.1053/j.semperi.2019.07.003. Review. PMID: 31451196
16. Moise KJ, Johnson A, **Tsao K**. Certification Process of Fetal Centers in Texas and Developing National Guidelines. Obstet Gynecol. 2020 Jan;135(1):141-147. PMID: 31809422
17. Bahtiyar MO, Baschat A, Deprest J, Emery S, Goodnight WH, Johnson A, McCullough L, Moldenhauer JS, Ryan G, **Tsao K**, Van Mieghem T, Wagner A, Zaretsky M. Fetal interventions in the setting of the coronavirus disease 2019 pandemic: statement from the North American Fetal Therapy Network. Am J Obstet Gynecol. 2020 Apr 26:S0002-9378(20)30473-7. doi: 10.1016/j.ajog.2020.04.025. PMID: 32348742
18. **Tsao K**. Response Regarding: Standardized Care and Oral Antibiotics on Discharge for Pediatric Perforated Appendicitis. J Surg Res. 2021 Nov;267:728. doi: 10.1016/j.jss.2021.05.033. Epub 2021 Aug 21. PMID: 34905821
19. Hegde BN, **Tsao K**, Hirose S. Advances and Updates in Fetal and Neonatal Surgery. Clin Perinatol. 2022 Dec;49(4):907-926. PMID: 36328607
20. Schwab ME, Lee H, **Tsao K**. In Utero Therapy for Congenital Diaphragmatic Hernia. Clin Perinatol. 2022 Dec;49(4):863-872. PMID: 36328604
21. Lee SY, Papanna R, Farmer D, **Tsao K**. Fetal Repair of Neural Tube Defects. Clin Perinatol. 2022 Dec;49(4):835-848. PMID: 36328602
22. Ibarra C, Bergh E, **Tsao K**, Johnson A. Prenatal diagnostic and intervention considerations in congenital diaphragmatic hernia. Semin Pediatr Surg. 2024 Aug;33(4):151436. PMID: 39018717

**Invited Editors in Journals:**

1. **Tsao K (guest editor)**. The Rebirth of Fetal Surgery. Semin Pediatr Surg. 2019 Aug;28(4):150824. doi: 10.1053/j.sempedsurg.2019.07.007. Epub 2019 Jul 18. No abstract available. PMID: 31451173
2. **Tsao K**, Lee H. Advances and Updates in Fetal and Neonatal Surgery. Clin Perinatol. 2022 Dec;49(4); PMID: 36328613

**Chapters:**

1. **Tsao K**. Ch. 33: Inflammatory Bowel Disease. The Mont Reid Surgical Handbook, 5th edition; Fischer DR and Kelly BS (eds); Mosby Publishing Inc., Philadelphia, PA. 2005, p. 399-409.
2. **Tsao K,** Lally KP. Congenital Diaphragmatic Hernia and Eventration. Pediatric Surgery, 5th Edition; Holcomb GW and Murphy JP (eds); Elsevier Publishing, Philadelphia, PA 2010, p. 304-21.
3. **Tsao K,** Lally KP. Congenital Diaphragmatic Hernia and Eventration. Pediatric Surgery, 6th Edition; Holcomb GW and Murphy JP (eds); Elsevier Publishing, Philadelphia, PA. 2014, p. 315-340.
4. Harting MT, **Tsao K**. Chapter 69: Congenital Diaphragmatic Hernia. Fundamentals of Pediatric Surgery. 2nd Edition; Mattei P, Nichol PF, Gow KW, Rollins MD, Murartore CS (eds);
5. Putnam LR, **Tsao K**. Chapter 10: Tissue Engineering and Cell-based Therapeutics for Repair of Myelomeningocele. Cellular Therapy for Neurological Injury; Cox CS (ed);
6. **Tsao K,** Hirose S, Farmer DL. Fetal Therapy. Pediatric Surgery, 7th Edition; Holcomb GW and Murphy JP (eds); Elsevier Publishing, Philadelphia, PA 2010.
7. Ferguson DM, Anderson KT, **Tsao K**. (2019) Diagnostic Imaging for Pediatric Appendicitis. In: Hunter C. (eds) Controversies in Pediatric Appendicitis. Springer; 1st ed. 2019 edition (June 17, 2019)
8. Arshad SA, **Tsao K**. (2019) Fetal Surgery. In: Lacher, St. Peter, Zani (eds) Pearls and Tricks in Pediatric Surgery. Spring Nature Publishing
9. Kawaguchi AK, **Tsao K**. Quality Improvement in Pediatric Surgery. Fundamentals of Pediatric Surgery, 3rd edition (2023); Mattei P (ed).

**OTHER PROFESSIONAL COMMUNICATIONS:**

**Invited Presentations:**

1. Complications of Monochorionic Twinning: Spectrum of Disorders and Treatment. International Pediatric Endosurgical Group, Brisbane, Australia; March 2001.
2. Selective Reduction of Acardiac/Acephalic Twin by Radiofrequency Ablation. International Society for Twin Studies, 10th International Congress on Twin Studies, Imperial College, London; July 2001.
3. Liver Regeneration: Angiogenesis and Homeobox genes. Stanford University Surgical Research Seminar, Palo Alto, CA; February 2002.
4. Selective Reduction of Acardiac Twin by Radiofrequency Ablation. Kaiser Permanente San Francisco Prenatal Seminar, San Francisco, CA; February 2002.
5. Increased Expression of Angiogenesis genes during Liver Regeneration. University of California, San Francisco Department of Surgery, Resident Research Day San Francisco, CA; March 2002.
6. Extrapleural Thoracoscopic Repair of Esophageal Atresia with Tracheo-Esophageal Fistula. American Pediatric Surgical Association, Phoenix, AZ; May 2002.
7. Long term follow-up after portoenterostomy for Biliary Atresia. Pacific Association of Pediatric Surgery, San Diego, CA; May 2002.
8. VEGF promotes the Expression of Pro-angiogenic Hox D3 in cultured sinusoidal endothelial cells. Society of University Surgeons, Houston, TX; February 2003.
9. Liver Regeneration: Angiogenesis and Homeobox genes. Kempczinski Vascular Research Symposium, University of Cincinnati, Cincinnati, OH; February 2003.
10. Congenital Diaphragmatic Hernia: An evolution in Fetal Therapy. General Surgery Grand Rounds Department of Surgery, University of Cincinnati, Cincinnati, OH; November 2004.
11. Colon Cancer and You: Screening and Treatment. West Chester Chamber of Commerce, West Chester, OH; December 2004.
12. Prospective Randomized Trials in Pediatric Surgery. Kansas City Surgical Society, Kansas City, MO; January 2006.
13. Adhesive Small Bowel Obstruction after Appendectomy in Children: Comparison between the Laparoscopic and Open Approach. American Academy of Pediatrics. Atlanta, GA; October 2006.
14. Thoracoscopy for Malignancy in Children. Society of American Gastrointestinal and Endoscopic Surgeons. Las Vegas, NV; April 2007.
15. Laparoscopic Esophagomyotomy with Anterior Fundoplication. American Pediatric Surgical Association. Orlando, Florida; May 2007.
16. Once-a-day Dosing of Ceftriaxone and Metronidazole *versus* Standard Triple Antibiotic Regimen for Perforated Appendicitis in Children: *A Prospective Randomized Trial*. Kansas City Surgical Society. Kansas City, MO; May 2007.
17. Fetal Therapy for Congenital Diaphragmatic Hernia: Lessons Learned. Children’s Mercy Hospital Grand Rounds. Kansas City, MO; June 2007.
18. Utilization of Thoracoscopy in Infants and Children. International Pediatric Endosurgical Group. Bueno Ares, Argentina; September 2007.
19. Laparoscopic Gastrostomy. American College of Surgeons Surgical Forum. Video session. New Orleans, LA; October 2007.
20. Laparoscopic Thal Fundoplication. American College of Surgeons Surgical Forum. Video session. New Orleans, LA; October 2007.
21. Post-operative Antibiotic Regimen for Perforated Appendicitis in Children: A Prospective Randomized Trial. American Academy of Pediatrics. San Francisco, CA; October 2007.
22. Management of Pediatric Appendicitis in the CT Era. Academic Surgical Congress. Huntington Beach, CA; February 2008.
23. Fetal Surgery. Grand Rounds - Department of Obstetrics, Gynecology and Reproductive Sciences, University of Texas Medical School at Houston. Houston, TX; May 2008.
24. Modification of the Nuss procedure with a small sub-xiphoid incision. American Pediatric Surgical Association. Phoenix, Arizona; May 2008.
25. Congenital Diaphragmatic Hernia in Preterm Infants: A Report from the Congenital Diaphragmatic Hernia Group. Academic Surgical Congress, San Antonio, TX; February 2010.
26. Complications of implanted central venous access devices in pediatric cancer patients – An under-appreciated high risk procedure. Pacific Association of Pediatric Surgeons, Kobe, Japan; May 2010.
27. Quality Improvement in Pediatric Appendicitis. Texas Surgical Collaborative. Houston, TX; July 2011.
28. Pediatric OR Safety Initiatives. Grand Rounds - Department of Anesthesiology, University of Texas Medical School at Houston. Houston, TX; January, 2012.
29. Current Application of the EXIT Procedure. Updates in Diagnosis, Treatment, and Care for Complex Fetal Conditions Seminar. Children’s Memorial Hermann Hospital, Austin, TX; April, 2012.
30. Evaluation of non-repair rates of congenital diaphragmatic hernia. Pacific Association of Pediatric Surgeons. Shanghai, China; June 2012.
31. Quality improvement in the pediatric operating rooms. Memorial Hermann Hospital System Shared Governance Symposium. June 2012.
32. Fetal surgery for spina bifida. Memorial Hermann 6th Annual Perianesthesia Nursing Seminar. March 2, 2013.
33. Current Status of Fetal Surgery: In Utero Repair of Spina Bifida. Obstetric Nursing, 30th Anniversary Conference. New Orleans, LA. April 22, 2013.
34. Errors and adverse events in the setting of neonatal surgery performed in the neonatal intensive care unit. American Pediatric Surgical Association Foundation. Marco Island, FL. May 2, 2013.
35. Continued Challenges but Promising Insights into Surgical Safety Checklist Implementation. University of Texas System: Building the Bridge: Public Policy and Public Health Effect Health Care Reform. San Antonio, TX; September 26, 2013.
36. Changing the Safety Culture in the Pediatric Operating Room. AORN of Greater Houston, 2013 Fall Conference. Houston, TX; October 5, 2013.
37. Doing what surgeons do best:  Academic Surgical Careers in Quality and Safety Grand Rounds - Department of Surgery, University of Texas Medical School at Houston. Houston, TX; May 15, 2014.
38. Texas Fetal Center: Integrated care before, during, and after birth. Grand Rounds - Department of Pediatrics, University of Texas Medical School at Houston. Houston, TX; July 1, 2014.
39. Surgical Safety Checklists and Patient Safety Culture. American College of Surgeons Quality and Safety Conference. New York, New York; July 21-24, 2017.
40. Pediatric Minimally Invasive Surgery: The Good, The Bad, The Not-So-Good. Grand Rounds – The Woman’s Hospital of Texas. Houston, TX; September 18, 2015.
41. Updates on chest wall deformities. 16th Annual Sports Medicine Update. Memorial Hermann Ironman Sports Medicine Institute. Katy, TX; June 13, 2017.
42. Safety Culture – A Foundation in Patient Safety. Grand Rounds - Department of Surgery , University of Texas McGovern Medical School at Houston. Houston, TX; October 25, 2018.
43. Do as I say: Taking control of patient safety culture. American College of Surgeons Quality and Safety Conference. Washington DC; July 22, 2019.
44. Telemedicine response to COVID-19. Surgeon-in-Chief forum, Children’s Hospital Association. Virtual. November 6, 2020.
45. Congenital lung lesion. Association of Pediatric Surgery Program Directors. Annual Fellowship Boot Camp. Virtual. August 6, 2021.
46. Patterns of Non-accidental Pediatric Trauma. Red Duke Trauma Institute Symposium. Memorial Hermann Health System. March 25, 2022.
47. Multimodal, collaborative approach to reduce opioid consumption for repair of pectus excavatum. American Academy of Pediatrics. Section on Surgery. 75th annual meeting. Washing, D.C., October 20, 2023
48. Ethical Considerations for Surgeons in the Post-Roe Era. American College of Surgeons Clinical Congress, Boston, MA October 24, 2023.
49. Management of Fetal Lung Masses: A true continuum of care. 2024 Fetal Center and MFM Symposium: Advancements in Patient Care, Research, and Innovation, Houston, TX, January 28, 2024.

**Visiting Professorships:**

1. Current status of fetal surgery. Department of Pediatrics Grand Rounds, National Taiwan University Medical School. May 2010.
2. Pediatric Minimally Invasive Surgery: possible applications to veterinary medicine. National Taiwan University School of Veterinary Medicine. May 2010.
3. Open Fetal Surgery for Myelomeningocele. Shanghai Children’s Medical Center. June 2012.
4. Advances in Fetal Surgery: Open repair of myelomeningocele. Wolfson’s Children’s Hospital, University of Florida – Jacksonville, Jacksonville, FL. March 2013.
5. More than checking a box: Surgical Safety Checklists as a Foundation for Patient Safety. University of California – Irvine School of Medicine – Irvine, California. October 27, 2016.
6. Fetal surgery for spina bifida: A paradigm for modern fetal centers. Children’s Hospital of Orange County – Orange, California. October 26, 2016.
7. Updated in Fetal surgery for spina bifida. Children’s Hospital & Medical Center – Omaha, Nebraska. December 14, 2017.
8. The Evolving Field of Fetal Surgery. Riley Children’s Hospital, Indiana University School of Medicine. November 7, 2018.
9. Fetal Surgery – Today and Beyond. Phoenix Children’s Hospital, Phoenix, Arizona, January 7, 2020.
10. Congenital lung lesions: Making it easier to breathe. Society of Maternal Fetal Medicine Post-graduate course; Virtual, January 27, 2021.
11. Gastrointestinal anomalies: From the fetus and beyond. Society of Maternal Fetal Medicine Post-graduate course; Virtual, January 27, 2021.
12. SAFER Culture for Safer Surgery: a foundational approach to quality and safety. University of California – San Francisco, Benioff Children’s Hospital. Virtual, December 1, 2021.
13. Fetal Surgery. A continual evolving field. University of Pittsburgh Medical Center, Pittsburgh Children’s Hospital: virtual. December 16, 2021.