

## Sarah Stokes

### PUBLICATIONS

**Stokes SC**, Theodorou CM, Jackson JE, Pivetti C, Kumar P, Yamashiro KJ, Paxton Z, Reynaga L, Hyllen A, Wang A, Farmer DL. Long-term Safety Evaluation of Placental Mesenchymal Stromal Cells for *In Utero* Repair of Myelomeningocele in a Novel Ovine Model. *Journal of Pediatric Surgery*. 2021 Sept 20. Epub ahead of print.

**Stokes SC**, Yamashiro KJ, Vanover MA, Galganski LA, Jackson JE, Theodorou CM, Pivetti CD, Farmer DL, Wang A. Preliminary Evaluation of a Novel Fetal Guinea Pig Myelomeningocele Model. *Biomedical Research International*. 2021 Aug 13;2021:2180883.

**Stokes SC**, Theodorou CM, Zakaluzny SA, DuBose JJ, Russo RM. Resuscitative endovascular balloon occlusion of the aorta in combat casualties: The past, present, and future. *Journal of Trauma and Acute Care Surgery*. 2021 Aug 1;91(2S Suppl 2):S56-S64.

Jackson JE, Pivetti C, **Stokes SC**, Theodorou CM, Kumar P, Paxton ZJ, Hyllen A, Reynaga L, Wang A, Farmer DL. Placental Mesenchymal Stromal Cells: Preclinical Safety Evaluation for Fetal Myelomeningocele Repair. *Journal of Surgical Research*. 2021 Jul 14. Epub ahead of print.

**Stokes SC**, Yamashiro KJ, Brown EG. The July Phenomenon and Pediatric Trauma. *Journal of Surgical Research*. 2021 Jul 14. Epub ahead of print.

**Stokes SC**, Farmer DL. Paediatric surgery for congenital anomalies: the next frontier for global health. *Lancet*. 2021 Jul 24;398(10297):280-281. Epub 2021 Jul 13.

Theodorou CM, **Stokes SC**, Jackson JE, Pivetti CD, Kumar P, Yamashiro KJ, Paxton ZJ, Reynaga L, Hyllen AA, Wang A, Farmer DL. Efficacy of clinical-grade human placental mesenchymal stromal cells in fetal ovine myelomeningocele repair. *Journal of Pediatric Surgery*. 2021 Jun 5 Epub ahead of print.

**Stokes SC**, Yamashiro KJ, Brown EG. Association of Thrombocytopenia With Bleeding Risk During Central Venous Catheter Placement in Pediatric Patients With Cancer. *JAMA Surgery*. 2021 Jun 30:e212080. Epub ahead of print.

**Stokes SC**, Jackson JE, Beres AL. Impact of Limited English Proficiency on Definitive Care in Pediatric Appendicitis. *Journal of Surgical Research*. 2021 Jun 22 Epub ahead of print.

**Stokes SC**, Theodorou CM, Brown EG, Saadai P. Variations in Perceptions of Postoperative Opioid Need for Pediatric Surgical Patients. *JAMA Surgery*. 2021 Jun 23:e212076. doi: 10.1001/jamasurg.2021.2076. Epub ahead of print.

**Stokes SC**, Jackson JE, Theodorou CM, Pivetti CD, Kumar P, Yamashiro KJ, Wang A, Farmer DL. A Novel Model of Fetal Spinal Cord Exposure Allowing for Long-Term Postnatal Survival. *Fetal Diagnosis and Therapy*. 2021;48(6):472-478. Epub 2021 Jun 10.

**Stokes SC**, Romanowski KS, Sen S, Greenhalgh DG, Palmieri TL. Wildfire Burn Patients: A Unique Population. *Journal of Burn Care and Research*. 2021 Jun 9. Epub ahead of print.

**Stokes SC**, Brown EG, Jackson JE, Leshikar DE, Stephenson JT. Implementation of an evidence-based accelerated pathway: can hospital length of stay for children with blunt solid organ injury be safely decreased? *Pediatric Surgery International*. 2021 Jun;37(6):695-704. Epub 2021 Mar 29.

**Stokes SC**, Bellini AR, Kovalenko O, Abramson LP. Congestive heart failure and hypertension associated with Wilms tumor. *Journal of Pediatric Surgery Case Reports*. 2021 May 28. Epub ahead of print.

Theodorou CM, **Stokes SC**, Beres AL. Traumatic Abdominal Wall Hernia in Children: A Systematic Review. *Journal of Surgical Research*. 2021 Feb 15. Epub ahead of print.

Soares de Oliveira MA, Galganski L, **Stokes S**, Chang C-, Pivetti CD, Zhang B, Matsukuma KE, Saadai P, Chan JW. Diagnosing Hirschsprung disease by detecting intestinal ganglion cells using label-free hyperspectral microscopy. *Scientific Reports*. 2021 Jan 14 ;11(1):1398

**Stokes SC**, McFadden NR, Salcedo ES, Beres AL. Firearm injuries in children: a missed opportunity for firearm safety education. *Injury Prevention*. 2021 Jan 12. Epub ahead of print.

**Stokes SC**, Theodorou CM, Brown EG. Additional prophylactic antibiotics do not decrease surgical site infection rates in pediatric patients with appendicitis and cholecystitis. *Journal of Pediatric Surgery*. 2020 Nov 19. Epub ahead of print.

Theodorou CM, **Stokes SC**, Hegazi MS, Brown EG, Saadai P. Is Pseudomonas infection associated with worse outcomes in pediatric perforated appendicitis? *Journal of Pediatric Surgery*. 2020 Nov 5. Epub ahead of print.

Yamashiro K, Galganski LA, Peyton J, Haynes K, Vicuna V, Kumar P, Keller B, Becker J, Pivetti C, **Stokes S**, Theodorou C, Jackson J, Wang A, Farmer D. Surviving Lambs with Myelomeningocele Repaired in utero with Placental Mesenchymal Stromal Cells for 6 Months: A Pilot Study. *Fetal Diagnosis and Therapy*. 2020; Epub 2020 Nov 9.

**Stokes SC**, Hassan Abd-elraham S, Saadai P, Abramson LP. Metastatic pulmonary sarcomatoid cancer presenting in an infant. *Journal of Pediatric Surgery Case Reports*. 2020 April 15. Epub ahead of print

Asfaha S, Hayakawa Y, Muley A, **Stokes SC**, Graham TA, Erickson R, Westphalen CB, von Burstin J, Mastracci TL, Worthley DL, Guha C, Quante M, Rustgi AK, Wang TC. Krt19+/Lgr5- Cells Are Radioresistant Cancer-Initiating Stem Cells in the Colon and Intestine. *Cell Stem Cell*. 2015;16(6):627-638.

Asfaha S, Dubeykovskiy A, Tomita H, Yang X, **Stokes SC**, Shibata W, Friedman RA, Ariyama H, Dubeykovskaya ZA, Muthupalani S, Eriksen R, Frucht H, Fox JG, Wang TC. Mice That Express Human Interleukin-8 Have Increased Mobilization of Immature Myeloid Cells, Which Exacerbates Inflammation and Accelerates Colon Carcinogenesis. *Gastroenterology*. 2013;144(1):155-166.

## **PRESENTATIONS**

**SC Stokes**, JE Jackson, CM Theodorou, C Pivetti, P Kumar, KJ Yamashiro, ZJ Paxton, L Reynaga, A Hyllen, A Wang, DL Farmer. Long-term Safety of Placental Mesenchymal Stromal

Cells for In Utero Repair of Myelomeningocele in an Ovine Model. Podium Presentation. American Pediatric Surgical Association; 2021

**SC Stokes**, CM Theodorou, JE Jackson, C Pivetti, P Kumar, KJ Yamashiro, ZJ Paxton, L Reynaga, A Hyllen, A Wang, DL Farmer. Placental MSCs for in utero myelomeningocele repair do not present additional risk for pregnant ewes. Poster presentation. Society for Maternal Fetal Medicine 41<sup>st</sup> Annual Pregnancy Meeting; January 28 2021

**xStokes SC**, Jackson JE, Farmer DL, Saadai P, Hirose S, Brown EG, Stephenson J. Can hospital length of stay for children with blunt solid organ injury be safely decreased? Implementation of an evidence based accelerated pathway. QuickShot Presentation. 16<sup>th</sup> Annual Academic Surgical Congress; February 3 2021

**Stokes SC**, McFadden NR, Salcedo ES, Beres AL. Firearm injuries in children: a missed opportunity for gun safety education. Accepted as a podium presentation at the 2020 Western Pediatric Trauma Conference but not presented due to the COVID-19 pandemic.

**Stokes SC**, Jackson JE, Farmer DL, Saadai P, Hirose S, Brown EG, Stephenson J. Can hospital length of stay for children with blunt solid organ injury be safely decreased? Implementation of an evidence based accelerated pathway. Accepted as a podium presentation at the 2020 Western Pediatric Trauma Conference but not presented due to the COVID-19 pandemic.

**Stokes SC**, Theodorou CM, Jackson JE, Yamashiro KJ, Farmer DL, Hirose S, Saadai P, Brown EG. Determining the need for pre-operative prophylactic antibiotics in pediatric patients receiving antibiotics for acute intraabdominal infection. Poster presentation American Pediatric Surgical Association; 2020.

**Stokes SC**, Yamashiro KJ, Theodorou CM, Jackson JE, Farmer DL, Saadai P, Hirose S, Brown EG. The "July Phenomenon" and Pediatric Trauma. Poster presentation American Pediatric Surgical Association; 2020.

**Stokes SC**, Yamashiro KJ, Galganski LA, Peyton J, Haynes K, Vicuna V, Kumar P, Keller B, Becker J, Pivetti CD, Theodorou CM, Jackson JE, Wang A, Farmer DL. Long Term Survival of Lambs with Myelomeningocele Repaired In Utero with Placental Mesenchymal Stromal Cells: A Pilot Study. Accepted as podium presentation at the 2020 Northern California ACS but not presented due to COVID-19 pandemic.

**Stokes SC**, Anderson JA, Hirose S, Saadai P. Late presenting congenital intrathoracic herniation of the right liver. Accepted as video presentation at the 2020 Pacific Association of Pediatric Surgeons, delayed due to COVID-19 pandemic.

**Stokes SC**, Theodorou CM, Jackson JE, Yamashiro KJ, Farmer DL, Hirose S, Saadai P, Brown EG. Determining the need for pre-operative prophylactic antibiotics in pediatric patients receiving antibiotics for acute intraabdominal infection. Podium presentation Annual Research Symposium UC Davis; 2020; Sacramento, CA.

**Stokes SC**, Theodorou CM, Jackson JE, Yamashiro KJ, Farmer DL, Hirose S, Saadai P, Beres AL, Brown EG. Pre-incision antibiotic prophylaxis for appendicitis in children: establishing benefit and implementing change. Poster presentation UC Davis Health Quality Forum; 2020; Sacramento, CA.

**Stokes SC**, Mironova V, Chung PJ, Lee R, Alfonso AE, Sugiyama G. Is it worth the effort? Early results of hybrid ventral hernia in inner city populations. Presented at Minimally Invasive Surgery Week; 2015; New York, NY.