

Stanford



Matias Bruzoni, MD FACS

Associate Professor of Surgery (Pediatric Surgery) at the Stanford University Medical Center

Surgery - Pediatric Surgery

CLINICAL OFFICES

- **Pediatric General Surgery**

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- **Neurosciences and Pediatric Surgery**

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Bio

CLINICAL FOCUS

- Pediatric Surgery
- Minimal access neonatal surgery
- Surgical Oncology
- Adolescent Bariatric Surgery
- Inflammatory bowel disease
- Chest Wall Deformities
- Congenital Diaphragmatic Hernia
- Omental Transposition in Moya Moya Disease

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Surgery - Pediatric Surgery

ADMINISTRATIVE APPOINTMENTS

- Medical Director PCU300, Lucile Packard Children's at Stanford, (2018- present)
- Program Director Pediatric Surgery Fellowship, Lucile Packard Children's Hospital, (2015- present)
- Director Bariatric Surgery Program, Lucile Packard Children's Stanford, (2014- present)
- Director Outpatient Pediatric Surgery Clinics, Lucile Packard Children's Hospital, (2011- present)

- Associate Program Director Pediatric Surgery Fellowship, Lucile Packard Children's Hospital-Stanford University, (2013-2015)
- Site Director Pediatric Surgery Rotation-General Surgery Residents, Lucile Packard Children's Hospital-Stanford University, (2011- present)
- Director Hispanic Center for Pediatric Surgery, Lucile Packard Children's Hospital, (2011- present)
- Medical Director Vascular Access program, Lucile Packard Children's Hospital-Stanford University, (2011-2016)

HONORS AND AWARDS

- Fellow of the American College of Surgeons, American College of Surgeons (2013)
- Outstanding Faculty Teaching Award, Pediatric Surgery Fellowship, Stanford University (2013)
- Hispanic Center of Excellence Fellow, Hispanic Center of Excellence-Stanford University (2011-2012)
- Ramsay Family endowed Fellow in Pediatric Surgery, Lucile Packard Children's Hospital-Stanford University (2009-2011)
- House Officer of the Year, College of Medicine, University of Nebraska Medical Center (2008)
- Alpha Omega Alpha, AOA (2007)
- Outstanding House Staff Teaching Award, University of Nebraska Medical Center (2007)
- Outstanding Laparoendoscopic House Staff Award, Society of Laparoendoscopic Surgeons (2006)

PROFESSIONAL EDUCATION

- Medical Education: University of Buenos Aires School of Medicine (2001) Argentina
- Board Certification: Pediatric Surgery, American Board of Surgery (2012)
- Board Certification: General Surgery, American Board of Surgery (2009)
- Fellowship: Stanford Hospital and Clinics - Pediatric Surgery (2011) CA
- General Surgery Residency, University of Nebraska Medical Center , General Surgery (2009)
- Internship: University of Nebraska Medical Center (2009) NE
- Residency: British Hospital of Buenos Aires (2005)

COMMUNITY AND INTERNATIONAL WORK

- Hispanic Center for Pediatric Surgery, Stanford University

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Minimal Access Surgery

Neonatal Surgery

Sutured vs Sutureless Gastroschisis Closure

Ultrasound vs anatomic landmark central line placement

Hispanic Center for Pediatric Surgery

CLINICAL TRIALS

- A Prospective Trial of Ultrasound Versus Landmark Guided Central Venous Access in the Pediatric Population, Not Recruiting
- Sutureless vs Sutured Gastroschisis Closure, Not Recruiting

PROJECTS

- Advanced Laparoscopic Cases in Infants Less than 3 kg
- The Hispanic Clinic for Pediatric Surgery at Stanford: Investigating the Effects of Language Concordance on Patient Satisfaction and Quality of Care.

- Laparoscopic Sleeve Gastrectomy in Adolescents

Publications

PUBLICATIONS

- **Obstetric and neonatal outcomes in pregnancies complicated by fetal lung masses: does final histology matter?**
Anderson, J. N., Girsen, A. I., Hintz, S. R., El-Sayed, Y. Y., Davis, A. S., Barth, R. A., Halabi, S., Sylvester, K. G., Bruzoni, M., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2019: S151
- **Predicting Pathology From Imaging in Children Undergoing Resection of Congenital Lung Lesions.** *The Journal of surgical research*
Narayan, R. R., Abadilla, N., Greenberg, D. R., Sylvester, K. G., Hintz, S. R., Barth, R. A., Bruzoni, M.
2018; 236: 68–73
- **ASMBS pediatric metabolic and bariatric surgery guidelines, 2018.** *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery*
Pratt, J. S., Browne, A., Browne, N. T., Bruzoni, M., Cohen, M., Desai, A., Inge, T., Linden, B. C., Mattar, S. G., Michalsky, M., Podkameni, D., Reichard, K. W., Stanford, et al
2018; 14 (7): 882–901
- **The challenges of closing an ileostomy in patients with total intestinal aganglionosis after small bowel transplant** *PEDIATRIC SURGERY INTERNATIONAL*
Jazi, F., Sinclair, T. J., Thorson, C. M., Castillo, R., Bonham, A. C., Esquivel, C. O., Bruzoni, M.
2018; 34 (1): 113–16
- **Serial Reduction of an Extremely Large Gastroschisis using Vacuum-Assisted Closure.** *European journal of pediatric surgery reports*
Butler, M. W., Fuchs, J., Bruzoni, M.
2018; 6 (1): e97–e99
- **Endoscopic Excision of Benign Facial Masses in Children: A Review of Outcomes.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*
Foster, D., Sinclair, T. J., Taylor, J. S., Dutta, S., Lorenz, H. P., Bruzoni, M.
2018
- **Sutureless vs Sutured Gastroschisis Closure: A Prospective Randomized Controlled Trial.** *Journal of the American College of Surgeons*
Bruzoni, M., Jaramillo, J. D., Dunlap, J. L., Abrajano, C., Stack, S. W., Hintz, S. R., Hernandez-Boussard, T., Dutta, S.
2017; 224 (6): 1091-1096 e1
- **Advanced minimal access surgery in infants weighing less than 3kg: A single center experience.** *Journal of pediatric surgery*
Wall, J. K., Sinclair, T. J., Kethman, W., Williams, C., Albanese, C., Sylvester, K. G., Bruzoni, M.
2017
- **Advanced minimal access surgery in infants weighing less than 3kg: A single center experience.** *Journal of pediatric surgery*
Wall, J. K., Sinclair, T. J., Kethman, W., Williams, C., Albanese, C., Sylvester, K. G., Bruzoni, M.
2017
- **PREDICTORS OF NONDIAGNOSTIC ULTRASOUND FOR APPENDICITIS** *JOURNAL OF EMERGENCY MEDICINE*
Keller, C., Wang, N. E., Imler, D. L., Vasanawala, S. S., Bruzoni, M., Quinn, J. V.
2017; 52 (3): 318-323
- **MRI vs. Ultrasound as the initial imaging modality for pediatric and young adult patients with suspected appendicitis.** *Academic emergency medicine*
Imler, D., Keller, C., Sivasankar, S., Wang, N. E., Vasanawala, S., Bruzoni, M., Quinn, J.
2017
- **A multidisciplinary approach to laparoscopic sleeve gastrectomy among multiethnic adolescents in the United States.** *Journal of pediatric surgery*
Jaramillo, J. D., Snyder, E., Farrales, S., Stevens, M., Wall, J. K., Chao, S., Morton, J., Pratt, J. S., Hammer, L., Shepard, W. E., Bruzoni, M.
2017
- **Predictors of Nondiagnostic Ultrasound for Appendicitis.** *journal of emergency medicine*
Keller, C., Wang, N. E., Imler, D. L., Vasanawala, S. S., Bruzoni, M., Quinn, J. V.
2016

- **Laparoscopic harvesting of omental pedicle flap for cerebral revascularization in children with moyamoya disease** *JOURNAL OF PEDIATRIC SURGERY*
Bruzoni, M., Steinberg, G. K., Dutta, S.
2016; 51 (4): 592-597
- **The Hispanic Clinic for Pediatric Surgery: A model to improve parent-provider communication for Hispanic pediatric surgery patients** *JOURNAL OF PEDIATRIC SURGERY*
Jaramillo, J., Snyder, E., Dunlap, J. L., Wright, R., Mendoza, F., Bruzoni, M.
2016; 51 (4): 670-674
- **Endoscopic Submucosal Dissection of a Large Hamartoma in a Young Child.** *Journal of pediatric gastroenterology and nutrition*
Wall, J., Esquivel, M., Bruzoni, M., Wright, R., Berquist, W., Albanese, C.
2016; 62 (1): e5-7
- **Infant, maternal, and geographic factors influencing gastroschisis related mortality in Zimbabwe** *SURGERY*
Apfeld, J. C., Wren, S. M., Macheka, N., Mbuwayesango, B. A., Bruzoni, M., Sylvester, K. G., Kastenber, Z. J.
2015; 158 (6): 1476-1481
- **Long-term follow-up of laparoscopic transcuteaneous inguinal herniorrhaphy with high transfixation suture ligature of the hernia sac.** *Journal of pediatric surgery*
Bruzoni, M., Jaramillo, J. D., Kastenber, Z. J., Wall, J. K., Wright, R., Dutta, S.
2015; 50 (10): 1767-1771
- **General surgical services at an urban teaching hospital in Mozambique.** *journal of surgical research*
Snyder, E., Amado, V., Jacobe, M., Sacks, G. D., Bruzoni, M., Mapasse, D., DeUgarte, D. A.
2015; 198 (2): 340-345
- **The effects of language concordant care on patient satisfaction and clinical understanding for Hispanic pediatric surgery patients.** *Journal of pediatric surgery*
Dunlap, J. L., Jaramillo, J. D., Koppolu, R., Wright, R., Mendoza, F., Bruzoni, M.
2015; 50 (9): 1586-1589
- **Initial Results of Endoscopic Gastrocutaneous Fistula Closure in Children Using an Over-the-Scope Clip.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*
Wright, R., Abrajano, C., Koppolu, R., Stevens, M., Nyznyk, S., Chao, S., Bruzoni, M., Wall, J.
2015; 25 (1): 69-72
- **Less invasive pedicled omental-cranial transposition in pediatric patients with moyamoya disease and failed prior revascularization.** *Neurosurgery*
Navarro, R., Chao, K., Gooderham, P. A., Bruzoni, M., Dutta, S., Steinberg, G. K.
2014; 10: 1-14
- **A Prospective Randomized Trial of Ultrasound- vs Landmark-Guided Central Venous Access in the Pediatric Population.** *Journal of the American College of Surgeons*
Bruzoni, M., Slater, B. J., Wall, J., St Peter, S. D., Dutta, S.
2013; 216 (5): 939-943
- **Complete resection of a rare intrahepatic variant of a choledochal cyst** *JOURNAL OF PEDIATRIC SURGERY*
Salles, A., Kastenber, Z. J., Wall, J. K., Visser, B. C., Bruzoni, M.
2013; 48 (3): 652-654
- **Chest wall reconstruction using implantable cross-linked porcine dermal collagen matrix (Permacol)** *JOURNAL OF PEDIATRIC SURGERY*
Lin, S. R., Kastenber, Z. J., Bruzoni, M., Albanese, C. T., Dutta, S.
2012; 47 (7): 1472-1475
- **Single-site umbilical laparoscopic splenectomy** *SEMINARS IN PEDIATRIC SURGERY*
Bruzoni, M., Dutta, S.
2011; 20 (4): 212-218
- **A modification of the laparoscopic transcuteaneous inguinal hernia repair to achieve transfixation ligature of the hernia sac** *JOURNAL OF PEDIATRIC SURGERY*
Kastenber, Z., Bruzoni, M., Dutta, S.

2011; 46 (8): 1658-1664

- **Management of the primary tumor in patients with metastatic pancreatic neuroendocrine tumor: a contemporary single-institution review** *50th Annual Meeting of the Midwest-Surgical-Association*
Bruzoni, M., Parikh, P., Celis, R., Are, C., Ly, Q. P., Meza, J. L., Sasson, A. R.
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2009: 376–80
- **Comparison of short bowel syndrome acquired early in life and during adolescence** *10th International Symposium on Small Bowel Transplantation*
Bruzoni, M., Sudan, D. L., Cusick, R. A., Thompson, J. S.
LIPPINCOTT WILLIAMS & WILKINS.2008: 63–66
- **Open and laparoscopic spleen-preserving, splenic vessel-preserving distal pancreatectomy: Indications and outcomes** *Annual Meeting of the American-Hepato-Pancreato-Biliary-Association*
Bruzoni, M., Sasson, A. R.
SPRINGER.2008: 1202–6
- **Pancreatic incidentalomas: clinical and pathologic spectrum** *50th Annual Meeting of the Midwest-Surgical-Association*
Bruzoni, M., Johnston, E., Sasson, A. R.
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2008: 329–32
- **Low doses of pamidronate to treat osteopenia in children with severe cerebral palsy: a pilot study** *DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY*
Plotkin, H., Coughlin, S., Kreikemeier, R., Heldt, K., Bruzoni, M., Lerner, G.
2006; 48 (9): 709-712
- **Transcervical carotid stenting with flow reversal for neuroprotection: Technique, results, advantages, and limitations** *VASCULAR*
Pipinos, I. I., Bruzoni, M., Johanning, J. M., Longo, G. M., Lynch, T. G.
2006; 14 (5): 245-255
- **Hemorrhagic adrenal pseudocyst: laparoscopic treatment** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
Amarillo, H. A., Bruzoni, M., Loto, M., Castagneto, G. H., Mihura, M. E.
2004; 18 (10)