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Esophageal Magnamosis for the Treatment of Type-B Esophageal Atresia in a Child With Prohibitive Operative Risk: A Novel Device and Indication.

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IS002 EXPERIENCE OF THORACOSCOPIC ESOPHAGEAL RECONSTRUCTION FOR 53 PATIENTS WITH PURE ESOPHAGEAL ATRESIA Jun Wang; Yangwen Lin; Wenjie Wu; Jia Shi; Yiming Gong; Wei Xie; Juming Yu; Department of Pediatric Surgery, Xinhua Hospital, Shanghai Jiao Tong University School of Medicine

IS003 OVERCOMING THE TECHNICAL LIMITATIONS OF INTRAOPERATIVE RECURRENT LARYNGEAL NERVE MONITORING IN NEWBORNS AND INFANTS Jay Meisner, MD¹; Claire M Lawlor, MD²; Sukgi Choi, MD¹; Benjamin Zendejas, MD, MSc¹; ¹Boston Children's Hospital, Boston, MA; ²Children's National Hospital, Washington, DC

IS004 AUGMENTED REALITY POWERED SIMULATION TRAINING FOR MINIMALLY INVASIVE SURGERY Hsien F Yang Chen, MD¹; Georgina F Falcioni, MD¹; Maximiliano M Maricic, MD²; Juan M Rojo, Ing³; María Marcela F Bailez, MD¹; ¹Garrahan Children's Hospital; ²Pedro de Elizalde Children's Hospital; ³Independent

IS005 DIAGNOSING APPENDICITIS BY ULTRASOUND WITH ARTIFICIAL INTELLIGENCE Kentarō Hayashi, MD¹; Tetsuya Ishimaru, MD¹; Jaesung Lee²; Shun Hirai²; Tomoaki Ooke²; Takahiro Hosokawa, MD³; Kanako Omata, MD¹; Yohei Sanmoto, MD¹; Tomo Kakihara, MD¹; Hiroshi Kawashima, MD¹; ¹Saitama Children's Medical Center, Department of Pediatric Surgery; ²Morpho, Inc.; ³Saitama Children's Medical Center, Department of Radiology

IS007 ESOPHAGEAL MAGNAMOSIS FOR THE TREATMENT OF TYPE-B ESOPHAGEAL ATRESIA IN A CHILD WITH PROHIBITIVE OPERATIVE RISK: A NOVEL DEVICE AND INDICATION Irving J Zamora, MD, MPH¹; Muhammad Owais Abdul Ghani, MD¹; Lauren L Evans, MD²; Nathan M Novotny, MD¹; Lyndy J Wilcox, MD¹; Harold N Lovvorn, MD¹; Kristina A Betters, MD¹; Mohammad Sahlabadi, PhD¹; Matthew R Lucas, BSN¹; Jeffrey S Upperman, MD¹; Oliver J Muensterer, MD³; Michael R Harrison, MD²; ¹Monroe Carell Jr. Children's Hospital at Vanderbilt; ²University of California San Francisco; ³Dr. von Hauner Children's Hospital

IS008 A NOVEL LOW COST MINIMALLY INVASIVE SYSTEM ALLOWS FOR THE TRANSLATION OF MODERN PEDIATRIC SURGICAL TECHNOLOGY TO LOW- AND MIDDLE-INCOME COUNTRIES Jeffrey Lukish, MD¹; Jasmine Ellis Daveys, MD²; Tae Kim, MD³; ¹Children's National Hospital; ²Milton Kato Memorial Hospital, St Vincent and the Grenadines; ³University of Minnesota Health System

IS009 ARTIFICIAL INTELLIGENCE AND COMPUTER-AIDED IMAGE DIAGNOSIS IN PEDIATRIC SURGERY: AUTOMATED DETECTION OF PYLORIC STENOSIS WITH ULTRASONOGRAPHY Alejandra M Casar Berazaluze, MD¹; Ravi Yadav¹; Smruti Deoghare¹; Alexander Gibbons, MD²; Surya Prasath¹; Todd A Ponsky¹; Beth A Rymeski¹; ¹Cincinnati Children's Hospital Medical Center; ²Akron Children's Hospital

IS010 LAPAROSCOPIC GASTROPEXY USING T-FASTENERS WITHOUT THE EXTERNAL BOLSTER Brianna L Slatnick, MD¹; Jonathan Durgin, MD¹; Alexander Yang, BS²; Robert Crum, MD¹; Corinne Neumeyer³; Heung Bae Kim, MD¹; Farokh R Demehri, MD¹; ¹Boston Children's Hospital; ²Harvard Medical School; ³Connecticut College

IS011 NOLAPSE – THE STOMAL PROLAPSE PREVENTION DEVICE Caressa Chen, MD¹; Mohammad Sahlabadi, PhD¹; Folarin Erogbogbo, PhD²; Sunghoon Kim, MD¹; Olajire Idowu, MD¹; ¹UCSF; ²San Jose State University

IS012 INITIAL CLINICAL EXPERIENCE WITH A NEW VESSEL SEALING TECHNOLOGY Bethany Slater, MD, MBA¹; Irving Zamora, MD, MPH²; Steven Rothenberg, MD³; ¹Comer Children's Hospital, University of Chicago Medicine; ²Vanderbilt Children's Hospital; ³Rocky Mountain Hospital for Children

IS013 A NOVEL MULTI-FUNCTIONAL DEVICE SYSTEM FOR ENDOLUMINAL CREATION OF A PRIMARY ESOPHAGEAL ANASTOMOSIS FOR THE TREATMENT OF ESOPHAGEAL ATRESIA Lauren L Evans, MD; Mohammad Sahlabadi, PhD; Caressa Chen, MD; Mohammad Karimzada, MD; Michael R Harrison, MD; University of California San Francisco