



2024 ANNUAL CONFERENCE

Innovation and the Future of Surgery

Green Valley Ranch Resort Spa & Casino

June 19-21, 2024 • Henderson, Nevada

    IPEGsurgery

 ipegsurgery.com

 IPEG2024



Network **IPEG 2024**

Password **AsensusAI**

President's Welcome



Dear IPEG Members and Colleagues,

We offer you a warm welcome to the 33rd annual meeting of the International Pediatric Endosurgery Group. Whether this is your first time or you are an IPEG veteran, we are excited to have you and we are looking forward to what the program has to offer.

We have another program filled with exciting innovation, creative surgical techniques, stimulation videos and practice changing research. The opening day features a welcome reception followed by an opportunity to see "Postcards from Earth" at the Sphere. The recently opened venue is a next-generation entertainment medium that is powered by cutting-edge technologies that ignite the senses and enable audiences to share experiences at a never-before-seen scale.

I am grateful for the incredible efforts of Rebecca Rentea, Jason Fraser, Maxi Marcic, Drew Rideout, Seth Goldstein, Karen Diefenbach, the members of the program committee, our Veritas partners and Andrea Cameron. Their persistence and insights generated the substrate for this year's meeting. I would also like to recognize our industry sponsors who have helped make this event a success.

A handwritten signature in black ink that reads "Shawn St. Peter".

Shawn St. Peter, MD
President IPEG



Program Chair's Welcome



Dear Friends and Colleagues,

It has been an honor to serve as your program chairs for the International Pediatric Endosurgery Group (IPEG) meeting in Henderson, NV, 2024. We are thrilled to bring together presenters worldwide, making this a truly international meeting.

Our pre-congress courses are meticulously designed to address the specific needs of pediatric surgeons. We offer the MIS Essentials Skills Course and the proprietary IPEG Master of Laparoscopy Advanced (MLA) Tissue Model Course. Additionally, this year, we are excited to host the U.S. and Canadian-trained pediatric surgery fellows MIS lab, which will be held in conjunction with IPEG.

The scientific program, spanning two and a half days, is designed to be interactive and engaging. We have organized an exciting program by topic to stimulate robust discussions within each session. We have lifted restrictions on time and presentation formatting to foster dedicated topic dialogue. A highlight of our program will be the interactive 'Worst Nightmare' session, which promises to be both enlightening and engaging.

Given the busy schedule, we encourage attendees to review the scientific program and plan their attendance in advance. Our program includes two plenary sessions featuring the highest-scoring abstracts, the Presidential Address by Dr. Shawn St. Peter, the Sybil Storz and Journal of Pediatric Surgery Lecture, and two panels on highly relevant topics: the management of congenital lung malformations and the role of AI in pediatric surgery.

In addition to the enriching scientific program, we are excited about the social aspects of the conference. We are delighted to be in the vibrant city of Las Vegas, offering warm evenings, opportunities to reunite with colleagues and friends, and a chance to enhance and expand our professional pediatric international network.

We eagerly anticipate welcoming you to Henderson, Nevada, USA.

Warm regards,

A handwritten signature in black ink, appearing to read 'RRt'.

Rebecca Rentea, MD
IPEG Program Chair

A handwritten signature in black ink, appearing to read 'JF'.

Jason Fraser, MD
IPEG Program Chair



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Miguel Guelfand, MD	(2022)	Jean-Stephane Valla, MD	<i>retired</i> (2008)
Todd Ponsky, MD	(2021)	Atsuyuki Yamataka, MD	(2007)
Holger Till, MD	(2020)	Keith Georgeson, MD	(2006)
Aayed Al-Qahtani, MD	(2019)	Klaas (N) M.A. Bax, MD	<i>retired</i> (2005)
Dan Ostlie, MD	(2018)	C. K. Yeung, MD	(2004)
David Van der Zee, MD	(2017)	Craig Albanese, MD	<i>retired</i> (2003)
Maria Marcela Bailez, MD	(2016)	Vincenzo Jasonni, MD	<i>retired</i> (2002)
Mark Wulkan, MD	(2015)	Peter Borzi, MD	(2001)
Benno Ure, MD, PhD	(2014)	Steven Rothenberg, MD	(2000)
Tadashi Iwanaka, MD, PhD	<i>retired</i> (2013)	Hock L Tan, MD	(1998)
Carroll M. Harmon, MD, PhD	(2012)	Takeshi Miyano, MD	<i>retired</i> (1997)
Gordon A. MacKinlay, MD	<i>retired</i> (2011)	Steven Rubin, MD	<i>retired</i> (1996)
Marcelo Martinez-Ferro, MD	(2010)	Gunter-Heinrich Willital, MD	<i>retired</i> (1995)
George W. Holcomb III, MD	(2009)		

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Become a Member!





2024 IPEG ANNUAL CONFERENCE

All sessions in **Grand Ballroom I & II** unless otherwise noted.

DAY 1 - Tuesday, June 18, 2024

★ 7:00 pm – 9:00 pm **Fellow MIS Course Lectures and Dinner** Drew Rideout *Grand Ballroom I*

DAY 2 - Wednesday, June 19, 2024

7:00 am – 4:30 pm **Registration & Information Desk** *Grand Ballroom Registration Desk*

7:00 am – 8:00 am **Breakfast with Exhibitors** *Grand Ballroom Foyer*

★ 7:00am - 12:30pm **Pre-Meeting Courses & Lectures** *(Breakfast and lunch included for Pre-Meeting Attendees)*
Pediatric Surgery Fellows Minimally Invasive Surgical Course Drew Rideout *Del Mar I & II*
Mastery Learning Essentials (MLE-IPEG) Maxi Maricic *Del Sol*
Mastery Learning Advanced Course-Thorax/TEF (IPEG) Karen Diefenbach *Del Fuego*

1:00 pm – 1:05 pm **Annual Meeting Welcome** Shawn D. St. Peter

1:05 pm – 2:45 pm **Plenary Session 1** Shawn D. St. Peter, Satoshi Ieiri

2:45 pm – 3:15 pm **Break with Exhibitors** *Grand Ballroom Foyer*

3:15 pm – 4:15 pm **EA-TEF 1**
Hanna Alemayehu, Jeff Gander

ICG/Robotics
Grand Ballroom III & IV
Bethany Slater, Irving Zamora

4:30 pm – 6:30 pm **WELCOME RECEPTION WITH EXHIBITORS** *(All conference attendees welcome)*
Grand Ballroom Foyer

★ 7:00 pm **IPEG Social Event - The Sphere Experience with Darren Aronofsky's Postcard From Earth**
(Tickets can be purchased during course registration. Bus service to/from is included.)

DAY 3 - Thursday, June 20, 2024

7:00 am – 5:00 pm **Registration & Information Desk** *Grand Ballroom Registration Desk*

7:00 am – 8:00 am **Breakfast with Exhibitors** *Grand Ballroom Foyer*

8:00 am – 9:00 am **Coolest Tricks** Daniel Ostlie, Charles Leys

9:00am – 10:00am **Colorectal**
Rebecca Rentea, Casey Calkins

Thoracic 1 - Congenital Lung
Grand Ballroom III & IV
Justin Sobrino, Samir Pandya

10:00 am – 10:30 am **Break with Exhibitors** *Grand Ballroom Foyer*

10:30 am – 11:30 am **Inguinal Hernia**
Charles Snyder, Chris Laird

Oncology
Grand Ballroom III & IV
Angela Kao, Bhargava Mullapudi

11:30 am – 12:15 pm **Panel - Evidence-Based Surgical Management of Congenital Pulmonary Airway Malformations: Five Lessons Learned from Multi-Institutional Studies**
Shaun Kunisaki, Andrea Conforti, Kuojen Tsao

12:15 pm – 1:15 pm **INDUSTRY SPONSORED PRODUCT THEATER LUNCH** *Grand Ballroom III & IV*

1:15 pm – 2:45 pm **Plenary Session 2** Katherine Barsness, Samir Pandya

2:45 pm – 3:15 pm **Presidential Address** Shawn D. St. Peter Introduction by Daniel Ostlie

3:15 pm – 3:45 pm **Break with Exhibitors** *Grand Ballroom Foyer*

3:45 pm – 4:15 pm **IPEG Sybill Storz Lecture** Timothy Kane
Improved Visualization and Navigation for Laparoscopic Surgical Interventions

4:30 pm – 5:00 pm **IPEG General Assembly**

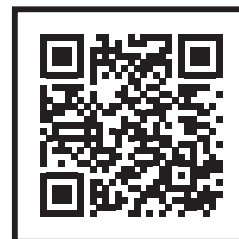
SCHEDULE-AT-A-GLANCE



All sessions in **Grand Ballroom I & II** unless otherwise noted.

DAY 4 - Friday, June 21, 2024		
7:00 am – 5:00 pm	Registration & Information Desk <i>Grand Ballroom Registration Desk</i>	
7:00 am – 8:00 am	Breakfast with Exhibitors <i>Grand Ballroom Foyer</i>	
8:00 am – 9:00 am	Upper Gastrointestinal 1 <i>Eduardo Perez, Leslie Knod</i>	Hepatobiliary 1 <i>Grand Ballroom III & IV</i> <i>Holger Till, Richard Hendrickson</i>
9:00 am – 10:00 am	Thoracic 2 <i>Erik Pearson, Mark Wulkan</i>	Urology <i>Grand Ballroom III & IV</i> <i>Sabine Zundel, Philipp Szavay</i>
10:00 am – 10:30 am	Break with Exhibitors <i>Grand Ballroom Foyer</i>	
10:30 am – 11:30 am	Miscellaneous/ICG/Robotic <i>Jeff Zitsman, Justin Lee, Stefan Scholz</i>	EA-TEF 2 <i>Grand Ballroom III & IV</i> <i>Maxi Maricic, Tetsuya Ishimaru</i>
11:30 am – 12:00 pm	Panel 2: Latest Innovation and AI in Surgery <i>James Wall</i>	
12:00 pm – 1:00 pm	INDUSTRY SPONSORED PRODUCT THEATER LUNCH <i>Grand Ballroom III & IV</i>	
1:00 pm – 1:30 pm	JPS Lecture <i>Dariusz Patkowski</i> Open Your Mind Not the Chest	
1:30 pm – 2:30 pm	Hepatobiliary 2 <i>Go Miyano, Maria Escolino</i>	Chest Wall <i>Grand Ballroom III & IV</i> <i>Pablo Aguayo, Charlene Dekonenko</i>
2:30 pm – 3:30 pm	Education <i>Carolina Millan, Seth Goldstein</i>	Upper Gastrointestinal 2 <i>Grand Ballroom III & IV</i> <i>David Juang, Omar Nunez Lopez</i>
3:30 pm – 4:00 pm	Break with Exhibitors <i>Grand Ballroom Foyer</i>	
4:00 pm – 4:45 pm	Worst Nightmare Session <i>Miguel Guelfand, Philipp Szavay</i>	
4:45 pm – 5:00 pm	Closing Ceremonies Awards Session, IPEG Handover, Closing Remarks <i>Shawn D. St. Peter, Satoshi Ieiri, Rebecca Rentea, Jason Fraser</i>	
5:00 pm – 6:00 pm	Farewell Happy Hour <i>Grand Ballroom III & IV</i>	

2024 IPEG
Abstracts



★ *Ticketed Event - Additional fees apply.*

Breakout 1

Breakout 2

Pre-Meeting Courses



2024 IPEG ANNUAL CONFERENCE

DAY 1 • Tuesday, June 18

★ 7:00 pm – 9:00 pm **Fellow MIS Course Lectures and Dinner** *Drew Rideout* *Grand Ballroom I*

DAY 2 • Wednesday, June 19

7:00 am – 4:30 pm **Registration & Information Desk** *Grand Ballroom Registration Desk*

7:00 am – 8:00 am **Breakfast with Exhibitors** *Grand Ballroom Foyer*

7:00am - 12:30pm **Pre-Meeting Courses & Lectures** *(Breakfast and lunch included for Pre-Meeting Attendees)*

1:00 pm – 1:05 pm Annual Meeting Welcome *Shawn D. St. Peter*

1:05 pm – 2:45 pm **Plenary Session 1** Moderator *Satoshi Ieiri*

Prenatal Management of a Major Omphalocele by Botulinum Toxin Injection: A Case Report *Cristobal Abello*

Clinical Implementation of the Versius Robotic Surgical System in Pediatric Surgery *Yury Kozlov*

A Multicenter Study of Redo Laparoscopic Pyeloplasty in Children *Isidora Lavado*

Integrating Artificial Intelligence into the Visualization and Modeling of Three-Dimensional Anatomy in Pediatric Surgical Patients *Mark Ryan*

Operative Timing for Elective Thoracoscopic Lobectomy for CPAM and Sequestration: A NSQIP-Pediatric Analysis 2017-2021 *John Woodward*

Robotic-Assisted Kasai Portoenterostomy for Biliary Atresia *Mengxin Zhang*

Form Follows Function: Preserving the Perineal Body in Cloaca Repair *Patrick Delaplain*

Left thoracoscopic first Rib Resection and Scalenectomy for Thoracic Outlet Syndrome *Meredith Elman*

Fetoscopic Myelomeningocele Repair *Krysta Sutyak*

2:45 pm - 3:15 pm **Break with Exhibitors** *Grand Ballroom Foyer*

3:15 pm – 4:15 pm **CONCURRENT SESSION 1A EA-TEF 1** Moderators *Jeff Gander, David Juang*

Two cases of EA/TEF with Right Aortic Arch Repaired by the Right Thoracoscopic Approach *Tetsuya Ishimaru*

The Benefits of Intraluminal Firefly in Robotic Esophageal and Bronchogenic Duplication Cyst Excisions *Jessica Sims*

Posterior Tracheopexy and Aortopexy for Severe Tracheomalacia *Ashley Walther*

Tracheal Compression Stenosis Caused by a Vascular Ring *Aleksey Gusev*

Botulinum Toxin Enhanced Foker Process for Long Gap Esophageal Atresia *Donna Koo*

3:15 pm – 4:15 pm **CONCURRENT SESSION 1B ICG/ROBOTICS** Moderators *Bethany Slator, Irving Zamora*

Davinci Xi Robot has Broad Applicability in Pediatric General Surgery: Review of Initial Three-Year Experience *Pavan Brahmamdam*

Combined Approach for Central Venous Access Salvage In Children with Intestinal Failure: A Case Series *Emily Byrd*

Exploring the Global Landscape: How Pediatric Surgeons Harness the Power of Artificial Intelligence *Carlos Colunga*

Optimizing Adolescent Inguinal Hernia Repair: A Comprehensive Robotic-Assisted Laparoscopic Approach *J. Benjamin Pitt*

Embracing the Future: The Impact and Integration of AI, ML, and LLMs in Modern Healthcare *Ramy Shaaban*

Laparoscopic Imaging Navigation Surgery with a Fluorescent Ureteral Stent of Double Ureter in Children *Goki Uchida*

Expression of NIX-Mediated Mitophagy In Neonatal Necrotizing Enterocolitis and its Possible Mechanism *Jie Zhu*

4:30 pm - 6:30 pm Welcome Reception with Exhibitors

7:00 pm – 9:00 pm **IPEG Social Event - The Sphere Experience with Darren Aronofsky's Postcard From Earth**

DETAILED AGENDA

All sessions are held in **Grand Ballroom I & II** unless otherwise noted. All Concurrent B Sessions are held in **Grand Ballroom III & IV**.

DAY 3 - Thursday, June 20

7:00 am - 5:30 pm	Registration & Information Desk <i>Grand Ballroom Registration Desk</i>
7:00 am - 8:00 am	Breakfast with Exhibitors <i>Grand Ballroom Foyer</i>
8:00 am - 9:00 am	Scientific Video Session 1: Coolest Tricks
	An Alternative MIS Approach in a 12 Years Old Patient with a Persistent Cloaca (Video) <i>Maria Bailez</i>
	MIS Approach for an Endobronchial Carcinoid Tumor in a Child: Mini-Thoracotomy Assisted Thoracoscopic Sleeve Lobectomy & Bronchoplasty <i>Zafer Dokumcu</i>
	Transoral Endoscopic Thyroidectomy Vestibular Approach (Toetva): Minimally Invasive Thyroid Surgery in a Pediatric Patient <i>Francisco Imaz</i>
	Innovative Use of Magnet for Removal of Large Needle from Bronchus <i>Vishesh Jain</i>
	Fluorescent Marking and Laparoscopic Enucleation of a Colon Tumor in a Child with Isolated Neurofibroma <i>Yury Kozlov</i>
	Trocar Placement and Surgical Strategy Planned Preoperatively Using True-3D Holography for Thoracoscopic Lung Segmentectomy in an Infant <i>Go Miyano</i>
	Reverse Needle Driving Via Umbilical Trocar: An Effective Technique for Treating Recto-Bulbar Fistula in Laparoscopy Assisted Anorectoplasty <i>Shun Onishi</i>
	Prophylactic Reboa Placement for Life Threatening Bleeding During Complex Resection of an Invasive Spinal Cord Tumor <i>Utsav Patwardhan</i>
	ICG-Guided Precision in Laparoscopic Ectopic Ureter Ligation for the Treatment of Urinary Incontinence Due to Ureteric Ectopia <i>Giuseppe Retrosi</i>
9:00 am - 10:00 am	CONCURRENT SESSION 2A Colorectal Moderator <i>Rebecca Rentea</i>
	Laparoscopic Total Proctocolectomy (Ltpc) and Ileal Pouch-Anal Anastomosis (Lipaa)n One or More Stages for the Treatment of Familial Adenomatous Polyposis. Single Center Experience <i>Maria Bailez</i>
	Reducing Postoperative Rates of Hirschsprung Associated Enterocolitis Through Consequent Postoperative Bougienage: A Retrospective Study (1999-2023) <i>Hannah Luz</i>
	Pediatric Laparoscopic Divided Colostomy for Anorectal Malformations <i>James Moon</i>
	Association Between Visceral Myopathy And Hirschsprung's Disease: A Case Report.authors: María Jesús Nally R. (1), Rodrigo Maluje J. (2) 1. Pediatric Surgery Resident Exequiel González Cortés Hospital, University of Chile, Santiago, Chile. 2. Pediatric Surgeon Exequiel González Cortés Hospital, University of Chile, Santiago, Chile <i>María Nally</i>
	Percutaneous and Colonoscopic Rendezvous Technique for Appendicostomy Salvage <i>Nitin Sajankila</i>
	A Survey Of Diverse Global Strategies For Postoperative Management and Follow-Up in Patients with Anorectal Malformations <i>Elizaveta Bokova</i>
	Global Bowel Management In Anorectal Malformations: Varied Practices and Barriers <i>Elizaveta Bokova</i>
	Collaborative Technology in The Implementation of a Virtual Decentralized Pediatric Colorectal Surgery Team <i>Elizaveta Bokova</i>
	Single-Incision Laparoscopic Redo Surgery for Posterior Urethral Diverticulum Excision in Anorectal Malformations <i>Mei Diao</i>
	Endoscopic Transanal Soave for Hirschsprung's Disease in Infants <i>Minori Ishii</i>
	Postoperative Complications in Pediatric Laparoscopic-Assisted Anorectoplasty for High and Intermediate Anorectal Malformations <i>Yuan Liu</i>
	Robotic Ileocectomy with Intra-Corporeal Anastomosis for a Large Ileocolic Duplication Cyst <i>Jacob Mesiti</i>
	Fully Laparoscopic Duhamel-Z with Minimal Retrorectal Dissection for Total Colonic Aganglionosis; Potential for Reduced Stool Frequency and Improved Bowel Function <i>Go Miyano</i>

DAY 3 - Thursday, June 20

9:00 am - 10:00 am

CONCURRENT SESSION 2B Thoracic 1 - Congenital lung Moderators *Samir Pandya, Justin Sobrino*

Thoracoscopic Pericardial Window in an Infant *Alison Lehane*

Simultaneous Bilateral Thoracoscopy During the NUSS Procedure is Safe, Effective and May Reduce the Risk of Cardiac Injury *Mark Kovler*

Innovative Objective Assessment System for Esophageal Anastomotic Technique Using Distance Sensor and Eye Tracking System *Atsuhisa Fukuta*

Thoracoscopic Approach to Anomalous Pulmonary Arteries and Abnormal Pulmonary Venous Return in Children *Zafer Dokumcu*

A Safe and Feasible Alternative Minimal Invasive Procedure: The Subxiphoid Uniportal Thoracoscopy in Congenital Lung Malformations *Sheng-Yang Huang*

Histopathological Findings and Venous Drainage in Extralobar Pulmonary Sequestrations *Haider Ali Khan Riaz*

Experience in the Treatment of Congenital Lung Malformations with Thoracoscopic Anatomical Lesion resection *Chang Xu*

Thoracoscopic Clockwise Lobectomy for Treatment of Congenital Lung Malformations *Miao Yuan*

Thoracoscopic Excision of an Intradiaphragmatic Extralobar Pulmonary Sequestration with Associated Congenital Diaphragmatic Hernia *Meagan Rosenberg*

10:00 am - 10:30 am

Break with Exhibitors *Grand Ballroom Foyer*

10:30 am - 11:30 am

CONCURRENT SESSION 3A Inguinal Hernia Moderator *Chris Laird*

Laparoscopic Disconnection of Hernial Sac with Narrowing of Deep Ring VS Percutaneous Internal Ring Suturing in Children *Mahmoud Elfiky*

Modified PIRS Technique for Hernia Repair in Girls, Can it Be Even Better? *Mohammed Ibrahim*

Intraabdominal Findings During Laparoscopic Percutaneous Extraperitoneal Closure for Inguinal Hernia: Results Of 1085 Patients *Takahiro Jimbo*

Laparoscopic Versus Open Inguinal Hernia Repair in Children: 10-Year Experience at a Tertiary Care Children's Hospital *Rachel Sachs*

Intraoperative Pain Measurement in Neonates and Infants Undergoing Laparoscopic Inguinal Hernia Repair Under General Anaesthesia with Caudal Block VS Caudal Block and Local Infiltration Using the Newborn Infant Parasympathetic Evaluation (NIPE) Monitor *Mahesh Sakthivel*

The Role of Laparoscopic Hernia Repair to Detect Complete Androgen Insensitivity Syndrome In Infancy *Yuta Yazaki*

Application of The Laparoscopic Auxiliary Needle Device in the Treatment of Pediatric Inguinal Hernia: an Eight-Year Experience *Qingbo Cui*

Laryngeal Mask Airway Versus Endotracheal Intubation For Laparoscopic Inguinal Hernia Repair: A Randomized Clinical Trial *Meredith Elman*

First Results Of Pediatric Robotic Inguinal Hernia Repair With The Senhance® Surgical System: A Matched Cohort Study *Roxanne Eurlings*

Technical and Patient Factors Associated With Recurrence Following Laparoscopic Inguinal Hernia Repair In Infants: A Multicenter Retrospective Study *Brielle Ochoa*

Return to the Operating Room After Inguinal Hernia Repair In Infants: A Multicenter Retrospective Study *Brielle Ochoa*

A Detailed Analysis of Intraoperative Pain Measured with the Newborn Infant Parasympathetic Evaluation (Nipe) Monitor in Neonates and Infants Undergoing Open and Laparoscopic Inguinal Hernia Repair. *Mahesh Sakthivel*

(Tapp) Trans-Abdominal Pre-Peritoneal Approach for Anatomical Repair of Direct Inguinal Hernia, Could It be the New Standardized Approach? *Tamer Wafa*

DETAILED AGENDA

All sessions are held in **Grand Ballroom I & II** unless otherwise noted. All Concurrent B Sessions are held in **Grand Ballroom III & IV**.

DAY 3 - Thursday, June 20

10:30 am – 11:30 am	CONCURRENT SESSION 3B Oncology Moderator <i>Angela Kao</i>
	Treatment of a Mediastinal Bronchogenic Cyst by Rigid Bronchoscopy and Laser as Definitive Treatment <i>Ismael Essam Elhalaby</i>
	Robotic-Assisted Thoracoscopic Surgery for Mediastinal Tumors in Children: A Single-Center Retrospective Study <i>Yu Jie</i>
	Laparoscopic Adrenalectomy in Children with Diverse Adrenal Pathologies: the Impact of Pre-Operative Imaging in Decision Making Process <i>Dragan Kravarusic</i>
	Impact of Laparoscopic Dissection for Selected Neonatal Sacrococcygeal Teratoma <i>Dragan Kravarusic</i>
	Simultaneous, Laparoscopic Distal Pancreatectomy for Pediatric solid Pseudopapillary Tumors with Synchronous Single Liver Metastasis <i>Jiangbin Liu</i>
	Laparoscopic Warshaw Procedure for Solid Pseudopapillary Neoplasms in Children <i>Chirag Ram</i>
	Experience in the Treatment of Primary Lung Tumors in Children in Single Center <i>Gang Yang</i>
	Laparoscopic Adrenalectomy for Neuroblastoma in a Child <i>Alicia Greene</i>
	Laparoscopic Versus Open Ladd Procedure for Midgut Malrotation <i>William Johnston</i>
11:30 am – 12:15 pm	Panel – Management of CPAM <i>Shaun Kunisaki, Andrea Conforti, KuoJen Tsao</i>
12:15 pm – 1:15 am	INDUSTRY SPONSORED PRODUCT THEATER LUNCH <i>Grand Ballroom III & IV</i>
1:15 pm – 2:45 pm	Plenary Session 2 Moderators <i>Kathy Barsness, Ciro Esposito</i>
	Management of Chest Tube After Thoracoscopic Lung Resection in Children with Congenital Lung Malformation: A Multicenter Retrospective Study <i>Zafer Dokumcu</i>
	Management Strategies and Outcomes of Distal Congenital Esophageal Strictures in the Setting of Long-Gap Esophageal Atresia <i>Ali Kamran</i>
	Let it Glow: Intraoperative Visualization of Pulmonary Metastases Using Pafolacianine, A Next-Generation Fluorescent Agent, for Young Adults Undergoing Pulmonary Metastasectomy <i>Alison Lehane</i>
	Perioperative Outcomes After Laparoscopic Versus Open Surgery for Choledochal Cyst: A Retrospective Cohort Study Using a Nationwide Database in Japan <i>Kaori Morita</i>
	Same-Day Discharge for Pediatric Nuss Procedure is Increasing without Affecting Complication Rates; an Analysis of the NSQIP-Pediatric Database 2017-2021 <i>John Woodward</i>
	Three-Dimensional Printed Model for Thoracoscopic Repair of Esophageal Atresia with Tracheoesophageal Fistula <i>Petra Zahradníková</i>
	Fluorescence Imaging with Inhaled Indocyanine Green in Treating Congenital Lung Malformation: A Case-Series Study <i>Chang Xu</i>
2:45 pm – 3:15 pm	Presidential Address <i>Shawn D. St. Peter Introduction by Daniel Ostlie</i>
3:15 pm – 3:45 pm	Break with Exhibitors <i>Grand Ballroom Foyer</i>
3:45 pm – 4:15 pm	IPEG Sybill Storz Lecture
	Improved Visualization and Navigation for Laparoscopic Surgical Interventions <i>Timothy Kane</i>
4:30 pm – 5:00 pm	IPEG General Assembly

2024 IPEG ANNUAL CONFERENCE

DAY 4 - Friday, June 21

7:00 am - 5:00 pm	Registration & Information Desk <i>Grand Ballroom Registration Desk</i>
7:00 am - 8:00 am	Breakfast with Exhibitors <i>Grand Ballroom Foyer</i>
8:00 am - 9:00 am	CONCURRENT SESSION 4A Upper Gastrointestinal 1 Moderators <i>Leslie Knod, Eduardo Perez</i>
	Mitigating Fundoplication Migration: Impact of Phreno-esophageal Ligament Repair in Pediatric Patients - Cohort Study <i>Carlos García-Hernández</i>
	Robotic-Assisted Nissen Fundoplication in Pediatric Patients: A Matched Cohort Study <i>Rianne Killaars</i>
	Antral Membrane in a School-Age Patient. Laparoscopic-Assisted Mickulics Pyloroplasty with Upper Endoscopy <i>Isidora Garcia</i>
	Laparoscopic Excision of a Diaphragmatic Mesothelial Cyst in a 3-Year-Old: A Rare Entity <i>Carlos Huerta</i>
	Laparoscopic Ladd's Procedure in Infants - Controlled Tearing of Bands, An Useful Technique <i>Vishesh Jain</i>
	Laparoscopic Transabdominal Morgagni Hernia Repair Utilizing a "PIRS-like" Technique <i>Pedro Morais</i>
	Pediatric Laparoscopic Duodenal Ulcer Repair <i>Krysta Sutyak</i>
	Figure-of-8 Laparoscopic Epigastric Hernia Repair <i>Jeffrey Zitsman</i>
8:00 am - 9:00 am	CONCURRENT SESSION 4B Hepatobiliary 1 Moderators <i>Richard Hendrickson, Holger Till</i>
	Laparoscopic-Assisted Percutaneous Drain Placement for a Biliary Lake after Kasai Portoenterostomy: A Novel Technique <i>Carlos Huerta</i>
	The Comparison Between Laparoscopic and Robot-Assisted Laparoscopic Congenital Biliary Dilatation Excision for Patients Weighing 10 Kg or Less <i>Hiroo Uchida</i>
	International Pediatric Endosurgery Group (IPEG) Survey of Current Practice for Choledochal Cyst <i>Shun Onishi</i>
	Describing Radiation Exposure in Transcystic Laparoscopic Common Bile Duct Exploration: A Multicenter Study <i>Jessica Rauh</i>
	Comparison of Da Vinci Robot-Assisted with Open Kasai Portoenterostomy for Biliary Atresia <i>Zebing Zheng</i>
	A Simplified Technique for Laparoscopic-Assisted Cholangiography for Biliary Atresia <i>Spencer Wilhelm</i>
9:00 am - 10:00 am	CONCURRENT SESSION 5A Thoracic 2 Moderators <i>Erik Pearson, Mark Wulkan</i>
	Thoracoscopic Repair for a Relatively Large Defect of Neonatal Bochdalek Hernia - "Anchor-Shaped" Closure Using the Patient's Own Residual Diaphragm Using a Loop Needle Device <i>Keisuke Yano</i>
	Use of Self-Extendable Mesh in the Minimally Invasive Treatment of Posterolateral Diaphragmatic Hernia, a Novel Device: Surgical Technique <i>Cristobal Abello</i>
	Outcomes After Diaphragmatic Plication: Open Versus Minimally Invasive Approaches <i>Megan Chiu</i>
	Surgical Treatment of Congenital Tracheal Stenosis <i>Aleksey Gusev</i>
	Reaudit of Primary Spontaneous Pneumothorax Management in Children in a Busy Regional Hospital <i>Chiara Pelosi</i>
	Efficacy and Safety of Intra-Pleural Fibrinolytic as Primary Intervention for Pediatric Empyema: A Tertiary Hospital 3 Years' Experience and a Change of Paradigm <i>Joana Pereira</i>
	Volatile Organic Compounds, Bacterial Airway Microbiome, Spirometry and Exercise Performance of Patients after Surgical Repair of Congenital Diaphragmatic Hernia <i>Holger Till</i>
	Phase II Empyema: Is Management with Tube Thoracostomy and Alteplase Better Than Thoracoscopy? <i>Maria Vargas</i>

DETAILED AGENDA

All sessions are held in **Grand Ballroom I & II** unless otherwise noted. All Concurrent B Sessions are held in **Grand Ballroom III & IV**.

DAY 4 - Friday, June 21 *continued*

9:00 am - 10:00 am

CONCURRENT SESSION 5B Urology

Sabine Zundel

Laparoscopic-Assisted Open Cystectomy for a Large Ovarian Serous Cystadenoma in a Newborn: An Uncommon Congenital Anomaly In Neonates *Carlos Huerta*

Laparoscopic Extra Vesical Ureteral Reimplantation with Extracorporeal Excisional Tapering of Ureter *Vishesh Jain*

Laparoscopic Repair of Traumatic Bladder Rupture in a Female Child After Being Trampled by Cow *Seth Saylor*

Pneumovesicoscopic Leadbetter Politano Ureteric Reimplantation in Children with High Grade Vesicoureteric Reflux : Surgical Technique and Outcomes from a Single Tertiary Care Centre *Vishesh Jain*

Ureteric Stenosis- Case Series of an Infrequent Cause of Hydronephrosis in Children *Vishesh Jain*

Advanced Endourology Experiences in the Treatment of Stone Disease in Children: Is It Safe To Do All in One? *Isidora Lavado*

Laparoscopic Double Hitch Stitch: A Way to Facilitate the Dismembered Pyeloplasty; from Beginners to Experts *Isidora Lavado*

Techniques for Treating Varicocele Using a Single Hole Hybrid Puncture Needle Technique Through the Umbilical Cord *Zhaozhu Li*

Comparison of Seldinger Technique in Easy Port Placement for Pneumovesicum (Stepp) and Railroad Technique of Pneumovesicostomy: Preliminary Study *Bikash Naredi*

Outcomes of Laparoscope-Assisted Surgery for Peritoneal Dialysis Catheter Placement In Pediatric Patients *Genta Ozeki*

Management of Missed Ureteral Injury in a Child Following Penetrating Abdominal Trauma *Ayesha Saleem*

Laparoscopic Pyeloplasty For 44 Cases of Severe Hydronephrosis in Infants *Yifan Zhang*

10:00 am - 10:30 am

Break with Exhibitors *Grand Ballroom Foyer*

10:30 am - 11:30 am

CONCURRENT SESSION 6A Misc/ICG/Robotics *Moderators Justin Lee, Stephen Scholz, Jeff Zitsman*

Modified IRIS System: Initial Experience with a New Technology in Safety and Teaching of Hiatal Surgery in Pediatrics *Eduardo de la Rosa-Bustamante*

Validation of a Prototype for Minimally Invasive Fetal Surgery of Gastroschisis in an Avital Model - Preliminary Findings from an Experimental Study *Lidya-Olgu Durmaz*

Revolutionizing Adolescent Varicocele Surgery: The Emergence of Laparoscopic ICG Technology *Sheng-Yang Huang*

Understanding Intraoperative Human Performance Deficiencies and Adverse Events in Elective Liver Surgery with a Surgical Black Box System *Nesrine Mekhenane*

Novel Surgical Approach to Combined Robot-Assisted Appendicovesicostomy and Neoappendicostomy in Patients with Neurogenic Bladder and Bowel *Claire Ostertag-Hill*

Caretaker Satisfaction After Coin Flip Procedure: A Quality Improvement Initiative *Seth Saylor*

Thoracoscopic Repair for a Relatively Large Defect of Neonatal Bochdalek Hernia - "Anchor-Shaped" Closure Using the Patient's Own Residual Diaphragm Using a Loop Needle Device *Keisuke Yano*

Novel Blood Flow Assessment Using Oxygen Saturation Imaging System *Chiyo Shiota*

Robot-Assisted Distal Pancreatectomy with Spleen Preservation for Treatment of Solid Pseudopapillary Tumor *Yury Kozlov*

Robotic Transduodenal Excision Of Periapillary Duodenal Duplication Cyst - The First Pediatric Case Report *Yuriy Sokolov*



2024 IPEG ANNUAL CONFERENCE

DAY 4 - Friday, June 21 *continued*

10:30 am – 11:30 am	CONCURRENT SESSION 6B EA-TEF 2 Moderator <i>Maxi Maricic</i>
	Esophageal Atresia Collaborative: Single Institution's Initiative to Implement Surveillance Guidelines Through Multidisciplinary Specialty Clinic for Longitudinal Management of Esophageal Atresia Patients <i>Nicolle Burgwardt</i>
	Comparative Analysis of Thoracoscopic and Open Extrapleural Surgery in The Treatment of Neonatal Type III Esophageal Atresia <i>Zhu Jin</i>
	Thoracoscopic Stapling Ligation of H-TYPE Tracheo-Esophageal Fistula: A Viable and Safe Technique <i>Omar Nasher</i>
	Staged Thoracoscopic Internal Traction Approach for Repair of Long Gap Esophageal Atresia with Distal Tracheoesophageal Fistula <i>Nitin Sajankila</i>
	Cardiorespiratory Performance Capacity and Pulmonary Microbiome in Patients Following Surgical Repair of Esophageal Atresia <i>Holger Till</i>
	Short and Long Term Outcomes of Thoracoscopic and Open Repair for Esophageal Atresia and Tracheoesophageal Fistula <i>Sule Yalcin</i>
	Delayed Repair of Esophageal Atresia and Tracheoesophageal Fistula with Thoracoscopic and Open Approaches <i>Sule Yalcin</i>
	Evaluation of Residual Tracheal Pouch After Thoracoscopic and Open Repair of Tracheoesophageal Fistula <i>Sule Yalcin</i>
	Management of Blunt Traumatic Tracheal Perforation with Endotracheal Stent Placement in a Pediatric Patient <i>Michael Stack</i>
11:30 am – 12:00 pm	Panel 2: Latest Innovation and AI in Surgery
12:00 pm – 1:00 pm	INDUSTRY SPONSORED PRODUCT THEATER LUNCH <i>Grand Ballroom III & IV</i>
1:00 pm – 1:30 pm	JPS Lecture Open Your Mind Not the Chest <i>Dariusz Patkowski</i>
1:30 pm – 2:30 pm	CONCURRENT SESSION 7A Hepatobiliary 2 Moderators <i>Maria Escolino, Go Miyano</i>
	Ascaris in the Common Bile Duct with Liver Abscess in a Toddler Treated with ERCP. A case Report <i>Isabel Cañon</i>
	Laparoscopic Exploration of the Common Bile Duct in a Patient with Unresolved Choledocholithiasis Following ERCP: A Case Report <i>Isabel Canon</i>
	Laparoscopic Management of Choledochal Cyst: How Steep is the Learning Curve? <i>Vishesh Jain</i>
	Analysis of Technique and Results of our Complete Robotic-Assisted Choledochal Cyst Excision with Roux En Y Hepatico-Jejunostomy in Children <i>Bibekanand Jindal</i>
	Comparing 2K and 4K Imaging Systems for Laparoscopic Portoenterostomy for Biliary Atresia. <i>Hiroyuki Koga</i>
	Analysis of Long-Term Postoperative Complications In Children with Common Bile Duct Cysts <i>Zhaozhu Li</i>
	Reducing MRCP Utilization Through a "Surgery First" Approach for Pediatric Choledocholithiasis: Insights from a Multicenter Retrospective Study <i>Jessica Rauh</i>
	Does Bile Exposure During Surgery Effect on Postoperative Recovery of Patients with Congenital Biliary Dilatation Treated by Laparoscopic Surgery? <i>Keisuke Yano</i>
	Laparoscopic Kasai Portoenterostomy – Our Experience at a Tertiary Care Institution in India <i>Kirtikumar Rathod</i>
	Management of Choledocholithiasis in Children using a Simultaneous Laparoscopic Cholecystectomy and ERCP with an Antegrade Rendezvous Technique <i>Nitin Sajankila</i>
	Residual Stones in Cholecystectomy: Is Rendez-Vous Technique a Safe Alternative? <i>Alberto Torres</i>

DETAILED AGENDA

All sessions are held in **Grand Ballroom I & II** unless otherwise noted. All Concurrent B Sessions are held in **Grand Ballroom III & IV**.

DAY 4 - Friday, June 21 *continued*

1:30 pm – 2:30 pm **CONCURRENT SESSION 7B Chest Wall** Moderators *Pablo Aguayo, Charlene Dekonenko*

- Left Thoracoscopic Partial First Rib Resection for Symptomatic Osteochondroma *Meredith Elman*
- One Minute Thoracoscopic Extrapleural Cryoanalgesia Under ICG *Haider Ali Khan Riaz*
- Minimally Invasive and Innovative Options for Pediatric Chest Wall Malignant Tumor Excision and Reconstruction Children *Ulgen Celtik*
- Does Sequential Thoracoscopic Sympathectomy Affect the Development of Postoperative Compensatory Sweating? *Ismael Elhalaby*
- Usefulness of a Retrosternal Angle Threshold for the Discrimination of a Banana Sternum in Pectus Excavatum *Cecilia Gigena*
- Surgical Treatment of Mediastinal Tumors in Children *Aleksey Gusev*
- The Use of Thoracoscopic Release in the Surgical Correction of Thoracic Scoliosis in Children *Aleksey Gusev*
- Rib Flaring Correction for Children: Exploring the Potential Benefits of Brace Therapy *Utsav Patwardhan*
- The Preliminary Experience of Sandwich Surgery in Pectus Carinatum Repair *Jie Yu*

2:30 pm – 3:30 pm **CONCURRENT SESSION 8A Education** Moderators *Seth Goldstein, Carolina Millan*

- Inanimate Model for Safe Cholecystectomy, Training ICG, Articulating Instruments and Single Port *Maximiliano Maricic*
- The Use of a Rabbit as an Experimental Model in the Simulation Training of Laparoscopic Nissen Fundoplication in Infants *Joana Henriques*
- Exploring the Clinical Impact of an Intestinal Anastomosis Training Model that has Similar Size and Texture as the Intestine of Low-Birth-Weight Infants: A Preliminary Study *Shinya Takazawa*
- Low Cost Model for Training Laparoscopic Larrey - Morgagni Diaphragmatic Hernia Repair. Multiple Alternatives for Stitches Placement *Maximiliano Maricic*
- A Study of The Effectiveness of Qualified Teaching Assistants in Laparoscopic Nissen Fundoplication. *Akinori Ichinose*
- Development of a Long term Minimally Invasive Surgery Course *Cecilia Gigena*
- One Step Forward to Proficiency: Validation of Intermediate Skills in Minimally Invasive Surgery *Cecilia Gigena*
- Validation Of Advanced Pathology-Oriented Models For Neonatal Thoracoscopic Training. A High Complexity Low Fidelity Portable Continuous Approach *Cecilia Gigena*
- Does Remote Online Coaching via Zoom Annotation Function Using a Laparoscopic Hepaticojejunostomy Simulator Improve Inexperienced Pediatric Surgeon's Suturing Skill and Following Clinical Outcome? *Satoshi Ieiri*
- The Impact of Pediatric Laparoscopic Inguinal Hernia Repair in a Community-Based Children's Ambulatory Surgery Center – It's About TIME *John Lukish*
- Esophageal Atresia and Cholecystectomy in Pediatric Surgery, Training Program, Teaching Strategies and Low Cost Models *Maximiliano Maricic*
- Successful Introduction of New Pediatric Endoscopic Procedure in Nepal by Simulation-Based Training Using a Disease-Specific Simulator *Masakazu Murakami*
- Development and Validation of a Simulation Low-cost Model (LCM) to Train Laparoscopic Extra mucosal Pyloromyotomy (LEP). Preliminary Results *Mariana Sanjuanelo*
- Pediatric Surgery in Latin America: A 2024 Survey Uncovering Research Activity and Potential Pathways for Progress *Alberto Torres*
- Stepwise Training Program: A Novel Practice Schedule for Laparoscopic Suturing *Chin-Hung Wei*

DAY 4 - Friday, June 21 *continued*

2:30 pm – 3:30 pm

CONCURRENT SESSION 8B Upper Gastrointestinal 2

Moderators *Hanna Alemayehu, Omar Nunez Lopez*

Same-Day Discharge for Pediatric Pyloromyotomy May Slightly Increase Emergency Room Visits for Emesis without Impacting Other Complication Rates, Making Early Discharge Reasonable in Select Patients *Stephanie Brierley*

Same-Day Discharge for Elective Pediatric Laparoscopic Gastrostomy Tube Insertion is Safe and Increasing in Frequency; a NSQIP Pediatric Retrospective Review 2017 to 2021 *Stephanie Brierley*

Pediatric Laparoscopic VS Percutaneous Gastrostomy Tube Placement: A single Center Review *Morgan Buchanan*

Introduction of Robotics in a Pediatric Bariatric Program – Advantages and Opportunities *Nicolle Burgwardt*

Minimally Invasive Surgery for Duodenal Obstructions, 10 years of Experience in a Single Center *Jorge Colin-Garnica*

Minimally Invasive Surgical Management of Superior Mesenteric Artery Syndrome (SMAS) in Children *Eduardo de la Rosa-Bustamante*

Pediatric Clinical and Histopathologic Outcomes After Median Arcuate Ligament Release, Celiac Ganglionectomy, and Lymphadenectomy *Jamie DeCicco*

Utilizing Neurocotton Patty to Establish an Extra-Mucosal Plane in Laparoscopic Heller's Cardiomyotomy: Our Evolving Experience *Anjan Dhua*

Don't Get Lost in the Maze. Sac First Technique for Giant Hiatal Hernia Laparoscopic Repair *Mahmoud Elhadidi*

Inanimate Model for Safe Cholecystectomy, Training ICG, Articulating Instruments and Single port *Maximiliano Maricic*

Hem-O-Lok Clips for Laparoscopic Appendectomy in Children. Prospective Analysis Versus Endoloop Ligature and Endoscopic Surgical Stapler. Cost-Effectiveness Study *Ennio Fuentes*

Anthropometric Comparison of Ultrasound and Intraoperative Diameter Measurement During Appendectomy *B. Haluk Güvenç*

A Novel Method for Gastrocutaneous Fistula Closure *Devashish Joshi*

Magnetic Compression Anastomosis in Gastro-Intestinal Applications – Reviewing Current State and Envisaging Future Advancement *Jennifer Martinez*

Impact of The Learning Curve In Robotic Assisted Cholecystectomy: A 10-Year Experience *Omar Nasher*

Analyses Regarding the Incidence of Complications After Laparoscopic Fundoplication for Neurologically Impaired Patients: One Hundred Patients from Four Institutions *Shun Onishi*

Surgical Management of Pediatric Superior Mesenteric Artery Syndrome: A Single Institution Continued Experience *Seth Saylor*

Use of Minimally Invasive Surgical Techniques in Trauma: A Single Institution Experience *Seth Saylor*

Prophylactic Surgical Drain Placement with Irrigation Reduces Abscess Formation in Patients with Severe, Uncontained, Perforated Appendicitis *Michael Stellon*

Nonalcoholic Fatty Liver Disease In Adolescent Patients Undergoing Bariatric Surgery: When to Biopsy *Alyssa Stetson*

3:30 pm – 4:00 pm

Break with Exhibitors *Grand Ballroom Foyer*

DETAILED AGENDA

All sessions are held in **Grand Ballroom I & II** unless otherwise noted. All Concurrent B Sessions are held in **Grand Ballroom III & IV**.

DAY 4 - Friday, June 21 *continued*

4:00 pm - 4:45 pm	Worst Nightmare Session Moderators <i>Miguel Guelfan, Phillipp Szavay</i>
	Reno Colic Fistula After PCN Placement <i>Ayesha Saleem</i> It Never Rains but it Pours. Chylothorax and Recurrent Tracheoesophageal Fistula after Primary Repair of Esophageal Atresia with Tracheoesophageal Fistula <i>Andrzej Golebiewski</i> Foregut Cyst with Diaphragmatic Hernia - A Video Case Report <i>Maho Kurashima</i> That's Not Where Those Clips Are Supposed To Be... <i>Irving Zamora</i>
4:45 pm - 5:00 pm	Closing Ceremonies
	Awards Session, IPEG Handover, Closing Remarks <i>Shawn D. St. Peter, Satoshi Ieiri, Rebecca Rentea, Jason Fraser</i>
5:00 pm - 6:00 pm	Farewell Happy Hour



LUNCH

Industry Sponsored Product Theaters

Grand Ballroom III & IV

Thursday, June 20 • 12:15 pm - 1:15 pm

ALL THINGS FLUORESCENCE

Highlights from the Clinical Consensus Statement on the Use of Indocyanine Green Fluorescence- Guided Surgery in Pediatric Patients



Rebecca M. Rentea, MD, MS, MBA

Philipp O. Szavay, MD

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Friday, June 21 • 12:00 pm - 1:00 pm

PROPER USE OF LEGAL ENTITIES FOR LAWSUIT PROTECTION AND TAX REDUCTION



Jason Porter



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