

THE UNIVERSITY OF CHICAGO MEDICINE

**8th International Symposium Pediatric Robotics and Complex
Lower Urinary Tract Reconstruction with Live Surgery Demonstration**



AT THE FOREFRONT OF **KIDS** MEDICINE®

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COURSE DIRECTOR **Mohan S. Gundeti, MD** • HOST **Arieh L. Shalhav, MD**

APRIL 28, 2023

Center for Care and Discovery • 5700 S Maryland Ave, 7th Floor • Chicago, Illinois

THE UNIVERSITY OF CHICAGO MEDICINE

8th International Pediatric Robotics and Complex Lower Urinary Tract Reconstruction with Live Surgery Demonstration

FRIDAY, APRIL 28

6:30 am – 7:00 am REGISTRATION AND BREAKFAST

7:00 am – 7:02 am Welcome *Arieh Shalhav, MD*

7:02 am – 7:10 am The Journey of Pediatric Robotic Surgery *Mohan S. Gundeti, MD, FRCS, FEBU, FEAPU*

7:10 AM - 8:15 AM TIPS AND TRICKS For Renal Surgery

Moderators: *Linda Baker, MD, Prashant Pattnaik, MS, MCh*

7:10 am Redo Pyeloplasty & Ureterocalycostomy *Andrew Kirsch, MD*

7:20 am Role of Robotics in Urinary Stones (Renal/Ureteric/Bladder) *Miguel Castellan, MD*

7:28 am Pyeloplasty – Nuances, Infants, Ectopic Kidney, Horseshoe Kidney *Pankaj Dangle, MD, MCh, FAAP*

7:38 am How to Avoid Complications of MIS *Santiago Vallasciani, MD, FEAPU*

7:44 am Current Status of MIS Complications *Rebecca Zee, MD*

7:50 am Is Robotic Pyeloplasty Current Standard? *Emilie Johnson, MD, MPH*

8:00 am Duplex Kidney Management *Ardavan Akhavan, MD*

8:15 am – 9:30 am CASE 1: LIVE SURGERY TRANSMISSION AND DISCUSSION

Moderators: *Kalpana Patil, MD & Michael Ost, MD, MBA*

9:30 am – 9:45 am BREAK

9:45 am – 10:45 am Ureteral Reconstruction Surgery

Moderators: *Alfredo Berrettini, MD, PhD, FEAPU & Ciro Esposito, MD, PhD, MFAS*

9:45 am Extravesical Ureteric Reimplantation: What is the Best Technique? And PURS Study Group
Sameer Mittal, MD, MSc

9:55 am Reimplantation in Duplex Ureters / Postdeflux / Obstructive Megaureter/Bilateral and UU
Arun Srinivasan, MD, MRCS

10:05 am Intravesical Approach for Reimplantation *M S Ansari, MS, MNAMAS, MCh*

10:15 am Adoption of Gundeti LUAA Technique: Is It Feasible? *Venkat Sripathi, MBBS, MS, MCh, FRACS, FEBPU*

10:25 am Complications, Current Outcomes and Scope for Improvement *Parviz Hajiyev, MD, FEAPU*

10:35 am Discussion

10:45 am – 12:00 pm CASE 2: LIVE SURGERY TRANSMISSION AND DISCUSSION

Moderators: *Kunj Sheth, MD & Venkat Sripathi, MBBS, MS, MCh, FRACS, FEBPU*

12:00 pm – 12:30 pm LUNCH

12:30 pm - 1:40 pm Debate (Open/Robotics Reconstructive Surgery)

Moderators: *Berk Burgu, MD & Krishna Patil, MD*

12:30 pm Open / Robotic Pyeloplasty
Duncan Wilcox, MBBS, MD & Douglass Clayton, MD

12:50 pm Ureteric Reimplantation – Open / Robotic
Linda Baker, MD & Aseem Shukla, MD, MChI

1:20 pm Appendicovesicostomy Open / Robotic
Rosalia Misseri, MD & Nicolas Fernandez, MD, PhD, FACS



FRIDAY, APRIL 28 *continued*

1:40 pm – 3:00 pm **CASE 3: LIVE SURGERY TRANSMISSION AND DISCUSSION**

Moderators: *Anne Francois Spinoit, MD, PhD and Dan Wood, PhD, MB.BS, FRCS*

3:00 pm - 3:15 pm **BREAK**

3:15 pm – 4:15 pm **Complex Reconstructions**

Moderator *Kentaro Mizuno, MD, PhD & Mario Navarrete-Arellano, MD*

3:15 pm Augmentation Cystoplasty Current Status *Daniel Dajusta, MD*

3:25 pm Bladder Outlet Reconstruction / Continent Catheterizable Channels *Patricio Gargollo, MD*

3:35 pm Oncological Applications *Nicholas Cost, MD*

3:45 pm Pelvic Surgery *Mohan S. Gundeti, MD, FRCS, FEBU, FEAPU*

3:55 pm Renal Transplantation *Anne Françoise Spinoit, MD, PhD*

4:05 pm Newer Modalities of Pelvic Reconstruction Surgery *Paul Kokorowski, MD, MPH*

4:15 pm – 6:00 pm **Training, Financial Implications, Outcomes and Future Development**

Moderator: *Vinaya Bhatia, MD & Mohan S. Gundeti, MD, FRCS, FEBU, FEAPU*

4:15 pm Financial Aspects of Robotic Sx is it Viable Option for Institution? *Pramod Reddy, MBBS*

4:25 pm What is the Best Option of Training for Robotic Surgery? *Micah Jacobs, MD*

4:35 pm Training the Trainers *Venkat Sripathi, MBBS, MS, MCh, FRACS, FEBPU*

4:45 pm Newer Robotic Systems *Mahendra Bhandari, MS, M.Ch (Uro), FNASc, FAMS D.Sc (Hon), MBA*

4:55 pm Current Financial Evaluation and Cost Comparison of Robotic Surgery *Benjamin Whittam, MD, MS*

5:05 pm Role of Simulation and AI in Robotic Surgery Training *Andrew Hung, MD*

5:15 pm Japanese Perspective on Pediatric Robotic Surgery *Kentaro Mizuno, MD, PhD*

5:25 pm Setting Up Program and Initial Team Building European Perspective *Ciro Andolfi, MD, FACS*

5:35 pm True Cash Outlays and Cost in Pediatric Urology Robotics *Michael Ost, MD, MBA*

5:45 pm Current Scenario of MIS in South East Asia *Pawan Chalise, MS, MCh, & Sudip Dasgupta, MD*

5:55 pm **CLOSING REMARKS**



OBJECTIVES

AFTER THIS ACTIVITY, PARTICIPANTS WILL BE ABLE TO:

- State how to evaluate and manage surgical procedures of complex pediatric robotic reconstructive cases;
- Identify the latest evidence-based surgical methods to improve patient outcomes;
- Describe appropriate treatment techniques for common urologic conditions, including ureteropelvic junction obstruction, reflux, and neurogenic bladder;
- Discuss strategies to start a new robotic program in different healthcare institutions;
- Discuss several strategies to decrease the time performing robotic surgery;
- Outline several methods to manage complications during robotic surgery;
- Compare the healthcare outcomes from robotic surgery to other surgical procedures using the metrics recovery time, incisions, length of stay, and patient-reported quality of life after surgery.

PHYSICIAN CREDIT (CME)

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