

## COURSE DESCRIPTION

The use of robotic technology in Pediatric Urology is steadily evolving and increasing slowly worldwide. The goal of the one-week intensive training in Pediatric Robotic Urology at The University of Chicago is to disseminate the safe and proper application of pediatric robotic urological surgery and expand present knowledge to benefit children around the world.

## EDUCATIONAL OBJECTIVES AND OUTCOMES

The objectives of the Pediatric Robotic Surgery Training Course are to:

- Learn the selection of patients for robotic/laparoscopic approach for surgery;
- Learn new skills for the treatment of congenital urological malformations;
- Advance the present knowledge of minimally invasive surgery.

After successfully completing the training course, the participant will:

- Have an in-depth knowledge of the details of the robotic surgical system and instruments;
- Understand how to properly select a case for robotic surgery;
- Participate in an assessment of basic skills from simulation and hands on training in the laboratory setting for improvement and assessment of their minimally invasive surgery skills.

## TARGET AUDIENCE

This course will benefit national and international physicians specializing in pediatric urology, pediatric surgery, pediatric urologic surgery, and urologic surgery.

## ACCREDITATION AND CREDIT DESIGNATION

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 42.50 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## EDUCATIONAL GRANTS/COMMERCIAL SUPPORT

This CME certified activity has not requested or received any type of support or funding from commercial interests. This includes, but is not limited to, pharmaceutical companies and medical device manufacturers.

(This CME educational course does not entitle attendee to perform or is not a credentialing process of robotic surgery or replacement for any required official training per institutional policy.)

The University of Chicago  
Center for Continuing Medical Education  
950 East 61st Street  
Chicago, IL 60637

## PEDIATRIC ROBOTIC UROLOGICAL SURGERY TRAINING COURSE

Sponsored by the Section of Urology,  
Department of Surgery at  
The University of Chicago

THE UNIVERSITY OF  
**CHICAGO**  
MEDICINE &  
BIOLOGICAL  
SCIENCES



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## Pediatric Robotic Urological Surgery *Hands-on Training Course*

Sponsored by the Section of Urology,  
Department of Surgery at The University of Chicago

### Course Director

**Mohan S. Gundeti, MD MCh FEBU FRCS (Urol) FEAPU**

*Associate Professor of Surgery, Pediatrics and Obstetrics/Gynecology  
Chief of Pediatric Urology*

### Faculty

**Arieh L. Shalhav, MD**

*Professor & Chief, Section  
of Urology*

**Gregory Zagaja, MD**

*Associate Professor*

**Scott Eggener, MD**

*Associate Professor*

**Norm Smith, MD**

*Associate Professor*

- <http://surgery.uchicago.edu/specialties/pediatric/csp/pedsrobotic/>
- <http://www.ucurology.org/>
- <http://www.uchicagokidshospital.org/>

## AGENDA/SCHEDULE

ARRIVAL - DAY 1 (MONDAY)	
8:00 am – 9:00 am	<b>One-on-one discussion and review of port placement, positioning, and complications management</b> <i>Dr. Gundeti, P-217</i>
9:00 am – 1:00 pm	<b>Robotic Dry Lab Skills, Fellow</b>
1:00 - 1:45 pm	<b>LUNCH</b>
1:45 pm – 5 pm	<b>Case observation and discussion, Surgeon-Dr. Shalhav, DCAM</b>
DAY 2 (TUESDAY)	
7:00 am – 8:00 am	<b>Lecture on troubleshooting and management of complications</b>
8:00 am - 12:00 pm	<b>Case observation and discussion, Surgeon-Dr. Zagaja</b>
12:00 pm – 1:00 pm	<b>LUNCH</b>
1:00 pm – 5:00 pm	<b>Robotic Simulation and Skills Assessment</b>
3:00 pm – 4:00 pm	<b>Lecture and Words of Wisdom after 2,500 Robotic Prostatectomies, Dr. Zagaja</b>
DAY 3 (WEDNESDAY)	
6:45 am – 8:15 am	<b>Urology Grand Rounds, CCD 750</b>
9:00 am – 3:00 pm	<b>Hands-on training in animal laboratory for urological procedures - Pyeloplasty/Heminephrectomy/Reimplant/Bladder Reconstructive Procedure</b> <i>Dr. Gundeti/Faculty Member/Fellow</i>
3:00 pm – 4:00 pm	<b>Lecture: Review of robotic surgical systems and instrumentation, Fellow</b>
4:00 pm – 5:00 pm	<b>Lecture: RPLND and Partial Nx Principles for Pediatric Oncological Applications, Dr. Eggener</b>
DAY 4 (THURSDAY)	
7:30 am – 12 pm	<b>Review edited videos of robotic procedures and critical assessment</b>
12 noon – 1:00 pm	<b>LUNCH</b>
1:00 pm – 3:00 pm	<b>Unedited video observation and discussion</b> <i>Surgeon-Dr. Gundeti, P217</i>
3:00 pm – 4:00 pm	<b>Lecture: Robotic Cystectomy and Diversion for Pediatric Diversion Applications, Dr. Smith</b>
DAY 5 (FRIDAY)	
7:30 am – 12 pm	<b>Case observation and discussion, Surgeon-Dr. Gundeti, GOR</b>
12 noon – 1:00 pm	<b>LUNCH – Lecture: Setting up Robotic a Program, Dr. Gundeti</b>
1:00 pm – 5:00 pm	<b>Case observation and discussion, Surgeon-Dr. Gundeti, GOR</b>
5:00 pm – 6:00 pm	<b>Closing discussion</b>

Course agenda and faculty selection subject to change.

## COURSE INSTRUCTORS



Mohan Gundeti, MD, MCh, FEBU, FRCS (Urol) FEAPU, Associate Professor of Surgery, Pediatrics and Obstetrics/Gynecology, and Chief of Pediatric Urology, is an internationally recognized leader in the field of pediatric robotic and laparoscopic surgery for treatment of congenital urological anomalies. An acclaimed innovator and pioneer in pediatric robotic urological surgery, Dr. Gundeti's commitment to compassionate care is a strong component of his practice.

Dr. Gundeti is frequently recognized for his excellence in surgical teaching and instruction to medical students, residents, fellows and surgical colleagues. He frequently serves as a guest speaker and faculty member for symposia and live surgery workshops around the world. He is the director of an annual course on robotic surgery at the University of Chicago Medicine, where he performs moderated live surgical cases for continuing medical education.

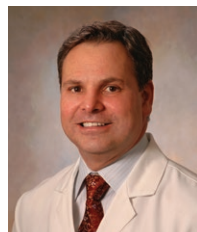
He is author and editor of the textbook, "Pediatric Robotic and Reconstructive Urology" and currently serves as a consulting editor for The British Journal of Urology International and reviewer for various high-impact journals in the field of pediatric urology.

For his outstanding clinical work, Dr. Gundeti has received numerous awards from the American Urological Association and the European Society for Pediatric Urology.



Dr. Arie L. Shalhav, the Fritz Duda Professor, Chief of Urology and the Director of Minimally Invasive Urology, received his B.Sc. and MD degrees from the Hebrew University of Jerusalem. He completed his internship and urology residency at the Sheba Medical Center, Sackler School of Medicine Tel Aviv University. During his residency he received a scholarship to spend one year of his training at Mount Sinai Medical Center in New York. After completing his residency, he undertook a fellowship in laparoscopy/endourology at Washington University in St. Louis. At the end of his fellowship, he remained as faculty at Washington University for one year as Assistant Professor of Urology. In July 1999 he accepted a position as Director of Laparoscopic Urologic Surgery and Assistant Professor of Urology at Indiana University School of Medicine, Indianapolis, where he developed one of the most active laparoscopic urology programs in the country. He joined the faculty at the University of Chicago as the Director of Laparoscopic Urologic Surgery in 2002.

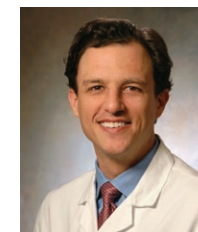
He has received awards for his teaching, research and clinical work from the Society of Laparoendoscopic Surgeons the Endourological Society, as well as the American Urological Association. He is an active member in these societies. He has vast experience in laparoscopic management of urologic disease.



Dr. Gregory Zagaja, Associate Professor of Surgery/Urology and Director of the Prostate Cancer Program, received his undergraduate degree at Quinnipiac University and his MD from University College Galway School of Medicine. He completed his general surgical training at Johns Hopkins and his urology residency at the University of Chicago. Dr. Zagaja joined our faculty in July 1998. He is an outstanding clinician whose primary interest is urologic oncology.

Dr. Zagaja has been critical in the development of the University of Chicago Robotic Surgery Program. His areas of expertise are in the management of prostate and bladder cancer. Dr. Zagaja has been a national leader in the development of robotic assisted laparoscopic surgery for the management of prostate cancer. Utilizing minimally invasive surgical techniques, prostate cancer surgery can be performed with similar cancer control rates, when compared to open surgery, while preserving urinary control and sexual function. Dr. Zagaja and his colleagues have critically analyzed their outcomes data assessing the robotic technique. Implementing surgical modifications to the robotics approach, he has helped to maximize quality of life outcomes while ensuring optimal cancer control.

Dr. Zagaja and his colleagues host an annual Robotics Training Course, assisting other urologists in the intricacies of performing the robotic prostatectomy. He is actively involved in clinical research assessing outcomes as related to prostate cancer surgery, and a multi-institutional study assessing the role of adjuvant chemotherapy (docetaxel) in the management of high risk prostate cancer. He is a reviewer for multiple urological journals, and advisor to the University of Chicago, Clinical Trials Review Committee.



Dr. Scott Eggener, Associate Professor of Surgery, Co-Director of the Prostate Cancer Program, and Director of Translational and Outcomes Research, Section of Urology, is an experienced robotic and open surgeon who specializes in the care of patients with prostate, kidney, and testicular cancer. His research focuses on prostate cancer screening and treatment patterns, evaluating novel tools to assist patients in treatment decisions, and clinical trials for active surveillance and focal therapy. Dr. Eggener's research—which has resulted in over 100 publications—has been presented at national and international meetings. He is the chairman of the University of Chicago Cancer Committee, senior faculty scholar at the Bucksbaum Institute, and has participated in volunteer educational and surgical missions to Congo, Cuba, Honduras, Morocco, Myanmar, Rwanda, and the West Bank.



Dr. Norm D. Smith, Associate Professor of Surgery/Urology and Co-Director of Urologic Oncology, was born and raised in Lead, South Dakota. He attended the University of Notre Dame as an Undergraduate and Northwestern University Feinberg School of Medicine. He received his surgical and urological fellowship training at Northwestern Memorial Hospital in Chicago, Illinois. Dr. Smith initially joined the faculty at Northwestern and developed major leadership roles as Chief of Urologic Oncology at Northwestern and Section Head of Northwestern Urology at Jesse Brown VA Medical Center.

Dr. Smith joined the faculty at the University of Chicago in 2010. He was recently selected for the prestigious American Urological Association Leadership Program class of 2010-2011. His specialty interest is urologic oncology, and more specifically, bladder and prostate cancer.

## REGISTRATION

To attend this course or for additional information, please contact:

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<http://www.uchicagokidshospital.org/physicians/mohan-gundeti.html>

**Course Cost:** \$3,000

## ACCESSIBILITY

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-702-1056 or via email at [cme@bsd.uchicago.edu](mailto:cme@bsd.uchicago.edu).

For additional information about this activity, please contact the Center for Continuing Medical Education at 773-702-1056.