

Master's Class #4 • Half Day

Mastery of Robotics in Gynecology "Robotic Assisted & Video Assisted Laparoscopic Treatment of Endometriosis & Uterine Fibroids from Diagnosis to Management" (Sponsored by SLS/ISGE)

8:00-11:30am; 3.5 AMA PRA Category 1 Credits™

This Master's Class is for advanced robotic and laparoscopic surgeons **specializing in the treatment of endometriosis and fibroids**. Leading practitioners in the fields of gynecology will discuss their experiences in the evaluation and management of these pathologies. Given the potential for involvement of nerves, blood vessels, intestinal tract, or urinary tract, and the various faces and behaviors of fibroids, surgery for endometriosis and fibroids can be very difficult. Minimally invasive surgical and non-surgical approaches will be presented.

FACULTY

Camran Nezhat, MD, Director
 Arnold P. Advincula, MD, Co-Director
 Catherine Matthews, MD, Co-Director
 Shoma Datta, MD
 Ceana Nezhat, MD
 Farr Nezhat, MD

Master's Class #5 • Half Day

New Insights: MultiSpecialty Approach to Abdominal and Chronic Pelvic Pain (Jointly with IPPS)

12:30-4:00pm; 3.5 AMA PRA Category 1 Credits™

This course is **designed to provide all surgeons with a better understanding of pain management and surgical interventions for patients with chronic pelvic pain**. The course will also provide an evidence-based approach to pre-operative evaluation and management of post-operative complications associated with pain. It also covers diagnosing and treatment of abdominal and pelvic pain for general surgeons, gynecologists and urologist.

It will include simple office evaluation and treatment of painful bladder syndrome/interstitial cystitis, vulvovestibulitis, hernias, adhesions, pelvic congestion syndrome, pudendal nerve neuralgia, trigger points injection and pain mapping. This course will include discussion of when to perform surgery, when not, and should endometriosis surgery be performed by a Center of Excellence?

FACULTY

Maurice K. Chung, RPh, MD, Director
 Georgine Lamvu, MD, Co-Director
 Alfredo Nieves, MD
 Juan Diego Villegas-Echeverri, MD
 Robert K. Zurawin, MD

KEYNOTE LECTURE

ERGONOMICS, THE BANE OF MIS: IS ROBOTICS THE SOLUTION?

Wednesday, August 28, 2013
 11:30am-12:30pm

The "fit" between humans and our work environment has always been a challenge. Minimally invasive surgery (MIS) techniques have a unique set of cognitive and physical challenges such as static posture, hand-eye coordination, 2D imaging, and instruments with limited degrees of freedom that have seen only limited improvements since the start of the "video-laparoscopic revolution". The advent of clinically efficacious tele-manipulation technology commonly referred to as "surgical robotics" opens the possibility of a radical re-design of the MIS work environment for the surgeon and the surgical team. No longer bound to standing at the patient's side, the surgeon can now operate in a re-designed workspace that could better adapt to his/her cognitive and physical needs. Does robotics offer the solution to longstanding surgical ergonomic problems? This talk will explore the concepts of ergonomics and the relevant published data on surgical robotics in an attempt to answer this question.

FACULTY

Ramon Berguer, MD, Keynote Speaker
 Farid Gharagozloo, MD, Director
 Mona Orady, MD, Co-Director

STATE OF THE ART LECTURES IN ROBOTIC SURGERY

Wednesday, August 28, 2013
 7:30am-3:30pm

Robotics represents yet another revolution in the application of minimally invasive techniques to surgery. While conventional video endoscopic techniques were revolutionary in their own right, they were hampered by limited instrument maneuverability and two-dimensional visualization. These technological shortcomings took away the wrist-like motion of the human hand and the depth perception of human eyes and necessitated the design of "new procedures" which were adapted to the technology. Robotics by virtue of wrist-like instrument maneuverability and three-dimensional visualization has returned the advantages of the human wrist and eyes to the field of minimally invasive surgery. For the first time in the history of minimally invasive surgery, operations which were designed to be performed by open incisions can be replicated using minimal access techniques.

A series of brief presentations by experts in the field will outline the State of the Art in the application of robotics to the specific field in surgery. These lectures will help the attendee to develop a critical eye and assist them in the adoption of robotics into their practice.

FACULTY

Farid Gharagozloo, MD, Director, Moderator
 Mona E. Orady, MD, Co-Director, Moderator
 Mehran Anvari, MD, PhD, Moderator
 Jamin Bhahmbhatt, MD, Moderator
 Camran Nezhat, MD, Moderator
 Farr Nezhat, MD, Moderator
 Vincent Obias, MD, Moderator
 Robert Poston, MD, Moderator

Robotic Mediastinal Surgery, Abbas E. Abbas, MD
 Robotic Endometriosis Surgery,
 Arnold P. Advincula, MD
 Robotic Bladder Surgery, Piyush K. Agarwal, MD
 Robotics in Plastics & Reconstructive Surgery,
 Tabia Alrasheed, MD
 Telesurgery and the Future of Robotics,
 Mehran Anvari, MD, PhD
 Robotic Gynecological Cancer Surgery, John Boggess, MD
 Robotics in Male Infertility & Chronic Orchiopathy, Jamin
 Brahmbhatt, MD
 Next Generation Medical Robotics: Concepts for the Future,
 Kevin Cleary, PhD
 Robotic Bariatric Surgery, Carlos A. Galvani, MD
 Robotic Lung Cancer Surgery, Farid Gharagozloo, MD
 Ending an Era of Laparotomy in Obese Patients with the
 Help of Robotics, Anthony Gyang, MD
 Robotic Kidney Surgery, Jacques M. Hubert, Prof Dr Med
 Robotic Pediatric Urology Surgery, Chester Koh, MD
 Building a National Robotic Surgery Program,
 Ali Riza Kural, Prof Dr
 Robotic Esophageal Cancer Surgery,
 Richard S. Lazzaro, MD
 Robotic Coronary Artery Bypass Surgery, Eric Lehr, MD
 Robotic Microsurgery in Urology,
 Andrew McCullough, MD
 Robotic Colorectal Surgery, Vincent Obias, MD
 Robotic & Simulation Training, Mona Orady, MD
 Robotic Valve Surgery, Robert Poston, MD
 Robotic Thyroid Surgery, Nader Sadeghi, MD
 Robotic Prostate Surgery, Mitchell Sokoloff, MD
 Robotic Vascular Surgery, Petr Stadler, MD, PhD
 Telesurgery with Haptic Sensation-Experimental and Clinical
 Use, Michael Stark, Prof Dr Med
 Robotic Pediatric Surgery, Jess Thompson, MD