Laparoscopic Hysterectomy Techniques: Basic and Advanced

Strategies to advance your MIS hysterectomy skills

Tuesday, October 16, 2012
5:00-7:00PM

Description
This two-hour course and hands-on workshop is designed to educate attendees in the art and science of laparoscopic hysterectomy techniques including thermal technology implementation, suturing devices and knot-tying techniques. Step by step techniques for performing straight stick laparoscopic hysterectomy and robotic-assisted hysterectomy will be presented. The curriculum of this course starts as a didactic followed by a hands-on training session reaffirming and maximizing technical skill development. The hands-on session will include instruction and performance of extracorporeal knots, slip knots, and the use of barbed sutures. Five thermal devices for hands on learning will be available for use, the Ligasure Advance, Sonocision, Enseal, Harmonic and Thunderbeat. Lectures will be evidence-based and will include surgical videos of video-assisted laparoscopic and robotic-assisted hysterectomy and, supracervical hysterectomy, and retroperitoneal dissection.

Course Objectives
At the conclusion of this course, the clinician will be able to:
1. Assess the treatment options for patients presenting for minimally invasive approach for hysterectomy;
2. Distinguish between straight stick laparoscopic and robotic-assisted hysterectomy;
3. Describe effective room set-up for straight stick laparoscopy and robotic platform;
4. Describe patient positioning and trocar-placement for straight stick laparoscopic and robotic-assisted hysterectomy;
5. Identify different docking and selection of proper instrumentation for robotic platform;
6. Apply the skills necessary to perform straight stick laparoscopic and robotic-assisted hysterectomy;
7. Identify proper intra-operative techniques for performing laparoscopic hysterectomy for complex pathologies;
8. Predict, manage and prevent complications, including ureter, bladder and bowel injuries in laparoscopic surgery;
9. Describe step by step approach to a straight stick and robotic laparoscopic hysterectomy;
10. Evaluate new indications and techniques of the new energy sources—their actions and their complications;
11. Determine the fundamental techniques in laparoscopic suturing;
12. Identify applications of interrupted and continuous laparoscopic suturing;
13. Demonstrate optimal bite placement and knot tying technique during laparoscopic tissue approximation; and
14. Apply a surgeon’s knot using laparoscopic needle holders

Target Audience
Educational activities are developed to meet the needs of surgical gynecologists in practice and in training, as well as, other allied healthcare professionals in the field of gynecology.