Course Description

This course is designed for gynecologists with advanced laparoscopic skills who wish to expand their knowledge of retroperitoneal and Space of Retzius anatomy and the various surgeries performed therein. This extensive two-day course will expose the participants to the knowledge and expertise of world-renowned laparoscopic surgeons who will guide them through didactics and hands-on cadaveric sessions utilizing unembalmed female cadavers.

No more than four participants are assigned to each cadaver and are closely supervised by experienced faculty instructors. Each participant will have the opportunity to operate, assist and observe in a rotational format to optimize his or her learning experience and suturing technique. The course will focus on demonstration of pelvic sidewall dissection, preparation for laparoscopic hysterectomy, uterosacral colposuspension, Burch retro pubic colposuspension and paravaginal defect repairs through the laparoscopic approach.

Pelvic floor reconstructive procedures will be highlighted during breakout sessions to accommodate those with a particular interest in furthering their skills in these procedures.

Course Objectives

At the conclusion of this activity, the participant will be able to:

1. Appraise skills learned to relevant pelvic anatomy and apply them for surgery including laparoscopic hysterectomy and pelvic floor surgery
2. Apply skills learned to pelvic side wall dissection and illustrate retro peritoneal structures
3. Explain the ergonomics, theory and rational for reproducible laparoscopic suturing
4. Demonstrate measurable improvement in laparoscopic suturing skills
5. Apply principles of Electro surgery to fresh tissue cadaver and discriminate between different tissue sealing devices.
6. Identify risk factors for laparoscopic complications and manage treatment of such.
Course Outline DAY 1

Friday, May 17, 2013

7:45 am  Welcome Address………………….Department Chairman Sharmila Makhija
7:50am  Introduction and Course overview ……………………………… R. Pasic
8:00am  Fundamental Laparoscopic Pelvic Anatomy …………………… A.I. Brill
8:40am  Pelvic sidewall Dissection, Retroperitoneal Anatomy………………R. Pasic
9:20am  Question and Answer Session

9:30am  Refreshment Break

9:40am  Energy Modalities in Endoscopic Surgery ………………………….A.I. Brill
10:20am  Applied Pelvic Anatomy for Management of Endometriosis and Adnexal Disease …………………………………………………… G.M. Janik
11:00am  Laparoscopic Suturing …………………………………………… J. Hudgens
11:40am  Question and Answer Session All Faculty

12:00pm  Working Lunch
Video: Laparoscopic Dissection

1:00pm – 5:00pm Hands-on Cadaver Dissection (3 participants per cadaver)
• Review Surface Anatomy of the Pelvis
• Anatomy and Technique of Performing Uterosacral Ligament Suspension
• Retroperitoneal Spaces, Vessels, Nerves Dissection
• Dissection of Pelvic Sidewall

7:00 pm. Reception dinner for all course participants and faculty at Dr. Pasic’s home.
Course Outline DAY 2

Saturday, May 18, 2013

8:00am   Laparoscopic Treatment of Apical Prolapse …………………….. A. Azadi
8:30am   Back to the Burch, Slings and Things ……………………………. S. Frances
9:00am   Pearls of Laparoscopic Hysterectomy ……………………………S. Biscette
9:30am   Complications of Laparoscopy and How to Avoid Them ........R.P. Pasic
10:10am  Question and Answer Session

10:30am  Refreshment Break

10:45am  Hands-on Cadaver Dissection
  • Anatomy and Refined Techniques of Performing Laparoscopic
    Hysterectomy
  • Dissection of the Space of Retzius
  • Laparoscopic Suturing

12:45pm  Lunch

1:30pm   Hands-on Cadaver Dissection - Continued
  • Laparoscopic Repair of Bowel, Bladder and Ureteral Injury. Laparoscopic Sacro
    colpopexy.
  • Review of Laparoscopic Anatomy
  • Vaginal Pelvic Floor Reconstruction using TVT, Trans Obturator Slings,
    TVT Secure

5:00pm   Complete Evaluation Forms – Adjourn
Local Faculty

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*Lab Director and Program Co-Chair*

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**Lori Warren, M.D.**
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**Guest Faculty**

**Andrew I. Brill, M.D.**
Department of Obstetrics & Gynecology
California Pacific Medical Center
San Francisco, California

**Grace M. Janik, M.D.**
Associate Clinical Professor
Department of Ob/Gyn
Medical College of Wisconsin
Co-Director
Milwaukee Institute of Minimally Invasive Surgery
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**Joseph (Jay) L. Hudgens, M.D.**
Center for Women’s Health
Owensboro Medical Health System
Owensboro KY
Assistant Professor University of Kentucky

**Jessica Shepherd M.D., MBA**
Assistant Professor
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*Scientific Program Chair*

**Resad P. Pasic, M.D., Ph.D.**
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