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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:50am</td>
<td>Introduction and Course overview .................................................................R.P. Pasic</td>
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<tr>
<td>8:00am</td>
<td>Fundamental Laparoscopic Pelvic Anatomy ..................................................A.I. Brill</td>
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<tr>
<td>8:40am</td>
<td>Pelvic sidewall Dissection, Retroperitoneal Anatomy ..........A. Wattiez</td>
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<tr>
<td>9:20am</td>
<td>Question and Answer Session</td>
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<tr>
<td>9:30am</td>
<td>Refreshment Break</td>
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<tr>
<td>9:40am</td>
<td>Energy Modalities in Endoscopic Surgery ..................A.I. Brill</td>
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<tr>
<td>10:20am</td>
<td>Applied Pelvic Anatomy for Management of Endometriosis and Adnexal Disease ..........................G.M. Janik</td>
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<tr>
<td>11:00am</td>
<td>Laparoscopic Suturing ......................................................... J. Hudgens</td>
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<tr>
<td>11:40am</td>
<td>Question and Answer Session All Faculty</td>
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<tr>
<td>12:00pm</td>
<td>Working Lunch</td>
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<td></td>
<td>Video: Laparoscopic Dissection</td>
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<tr>
<td>1:00pm – 5:00pm</td>
<td>Hands-on Cadaver Dissection (3 participants per cadaver)</td>
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<tr>
<td></td>
<td>• Review Surface Anatomy of the Pelvis</td>
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<td>• Anatomy and Technique of Performing Uterosacral Ligament Suspension</td>
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<td></td>
<td>• Retroperitoneal Spaces, Vessels, Nerves Dissection</td>
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<td>• Dissection of Pelvic Sidewall</td>
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</tbody>
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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 .............................. A. Wattiez
9:40am  Complications of Laparoscopy and How to Avoid Them .......R.P. Pasic
10:20am Question and Answer Session

10:40am  Refreshment Break

11:00am  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

Ali Azadi, M.D.
Assistant Professor
Division of Uro Gynecology
Department of Ob/Gyn & Women’s Health
University of Louisville School of Medicine
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Lab Director and Program Co-Chair
Shan Biscette, M.D.
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Mark Dassel, M.D.
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Nicolette Deveneau, M.D.
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Thomas Lang, M.D.
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Jonathan H. Reinstine, M.D.
Clinical Professor
Department of Ob/Gyn & Women’s Health  
University of Louisville School of Medicine  
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**Lori Warren, M.D.**  
Women First of Louisville  
Assistant Clinical Professor  
Department of Ob/Gyn & Women’s Health  
University of Louisville School of Medicine  
Louisville, Kentucky

**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  
Milwaukee, Wisconsin

**Joseph (Jay) L. Hudgens, M.D.**  
Center for Women’s Health  
Owensboro Medical Health System  
Owensboro KY  
Assistant Professor University of Kentucky

**Dr. Arnaud Wattiez**  
Professor of OB/GYN  
University of Strasbourg  
Strasbourg, France

*Scientific Program Chair*  
**Resad P. Pasic, M.D., Ph.D.**  
Professor  
Director - Section of Operative Gynecologic Endoscopy  
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