Laparoscopic Pelvic Dissection: From the Ureter to Blood Vessels to Avascular Spaces

Hands-on Cadaver Course
Two Participants per Cadaver

DISTINGUISHED ICAPS FACULTY
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October 12-14, 2017
St. Louis, Missouri - USA

http://pa.slu.edu

An offering through:
Practical Anatomy & Surgical Education,
Department of Surgery
Saint Louis University School of Medicine
Thursday, October 12, 2017
7:30 AM – 4:00 PM
AM: Simulcast: Live Cadaver Anatomical Dissection Demonstration
- Abdominal Wall Anatomy: Landmarks for Safe Trocar Entry
- Retroperitoneal Vasculature
- Genitourinary Anatomy: The Urerter and Bladder
- The Axrdea: Strategies to Address a Hostile Anatomical Environment to Avoid Ureteral and Vascular Injuries
- Total Laparoscopic Hysterectomy: Anatomical Landmarks and Ergonomic Strategies for Safe and Effective Procedures
- Pelvic Neuroanatomy and Endometriosis: Anatomical Landmarks and Nerve-Sparing Techniques

PM: Hands-on Cadaver Lab Exercises:
- Obturator Space: Obturator Nerve, Artery and Vein; the Corona Mortis; Lateral Aspect Internal Iliac Vessels
- Parasacral Space: Obturator Nerve, Artery and Vein; the Corona Mortis; Lateral Aspect Internal Iliac Vessels
- Pre-Sacral Space: Presacral Plexus, Hypogastric Nerves, Pelvic Floor Muscles, Middle Sacral Vessels
- Para-Rectal Space: Inferior Hypogastric Plexus, Ureter, Ureteral Reimplantation, Ureteral Anastomosis, Nerve-Sparing Sacrocolpopexy
- Ovarian Suspension

Friday, October 13, 2017
8:00 AM – 4:00 PM
Suturing and Energy
AM: Laparoscopic Suturing
- Classification of the Knots
- Intra- and Extracorporeal knot tying
- The Mechanics of the Knot and Romeo’s Gladiator Rule
- The Perfect Stitch
- Needle loading techniques
- Stitching at acute angles

PM: Hands On Trainer Suturing Lab Exercises followed by Hands On Cadaver Suturing Practice
- Burch Urethropexy
- Sacrocolpopexy and Uterosacral Ligament Suspension: Tricks and Anatomical Pitfalls
- Transvaginal Sacrospinous Ligament Suspension under laparoscopic guidance
- Nerve-Sparing Sacrocolpopexy
- Uteral Anastomosis
- Uteral Reimplantation
- Bladder Suturing
- Ovarian Suspension

Saturday, October 14, 2017
7:30 AM – 12:30 PM
Anatomical Landmarks and Suturing Strategies for a Safe Procedure
AM: Hands On Practice of Nerve-Sparing Techniques and Suturing Strategies
- The Perfect Stitch
- The Mechanics of the Knot and Romeo’s Gladiator Rule
- Intra- and Extracorporeal knot tying
- Classification of the Knots
- Strategies to overcome intraoperative bleeding. This will be accomplished by learning to suture using different angles, ambidextrous hand-eye coordination, intra- and extracorporeal knot tying techniques, both in trainers and in cadaveric sessions.

COUSE OBJECTIVES
At the conclusion of this activity, the participant will be able to:
- Identify normal anatomic landmarks and major pelvic structures relevant to minimally invasive surgery in gynecology;
- Demonstrate the topographic anatomy of the pelvic sidewall, including vasculature and their relation to the ureter, autonomic and somatic nerves and intraperitoneal structures;
- Discuss steps of safe laparoscopic dissection of the pelvic ureter;
- Distinguish and apply steps of safe and effective pelvic nerve dissection and learn the landmarks for nerve-sparing surgery;
- Develop suturing techniques based on advanced ergonomics to facilitate difficult suturing approaches.

CREDIT DESIGNATION:
Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Registation / Tuition Fees
- Physicians: $2995
- Residents fellows: $4995
- USA military: $1495

The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

For Further Course Details and REGISTRATION Click On (or type in your internet browser) the link below:
http://pa.slu.edu

This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108

REGISTRATION / TUITION FEES

COURSE DESCRIPTION
Our goal is provide surgeons with a comprehensive learning experience with an emphasis on cadaveric instruction, designed for intermediate and advanced laparoscopic gynecologic surgeons and urogynecologists who want to practice and improve their laparoscopic skills and knowledge of retroperitoneal anatomy. The course will be composed of three full days of interactive discussion and hands-on sessions that focus on laparoscopic anatomy, suturing and pelvic neuroanatomy. Intensive hands-on training of advanced laparoscopic technique will translate surgical skills from trainer to cadaver to surgical practice.

Day 1:
On Day 1, we will survey normal pelvic anatomy and anatomic landmarks, dissect the avascular, retroperitoneal spaces, pelvic vessels, nerves, the ureter and pelvic floor muscles. Detailed examination and dissection of pelvic nerves and blood vessels will be demonstrated during the course, with an emphasis on preventing nerve-related and vascular complications. All lectures will run in tandem with live, simultaneous cadaveric dissection demonstrating the proposed concepts.

Day 2:
On Day 2, we will focus on advanced suturing techniques and strategies to overcome intraoperative bleeding. This will be accomplished by learning to suture using different angles, ambidextrous hand-eye coordination, intra- and extracorporeal knot tying techniques, both in trainers and in cadaveric sessions.

Day 3:
On Day 3, attendees will revisit all of the dissection steps rehearsed earlier in the course and then perform laparoscopic or vaginal procedures on the previously dissected cadaver, constantly monitoring the retroperitoneal structures studied. Special attention will be given to suturing techniques as applicable to various laparoscopic procedures such as total laparoscopic hysterectomy, laparoscopic myectomy, laparoscopic sacrocolpopexy, rectosigmoidectomy and adenectomy. All procedures will be performed using nerve sparing techniques with previously acquired skills.

COURSE DESCRIPTION

FACULTY

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Edwardian and Training Director
Kari Starz South America
São Paulo, Brazil

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Faculty subject to change, for updates, please go to http://pa.slu.edu

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