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Advanced Retroperitoneal Anatomy and Neuro-Anatomy of the Pelvis

with Focus on Complications Prevention in Minimally Invasive
Surgery in Endometriosis, Urogynecology
and Oncology

June 20-21, 2019

June 22 - Optional

St. Louis, Missouri, USA

<http://pa.slu.edu>



2019

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SAINT LOUIS
UNIVERSITY.

— EST. 1818 —

An offering through: Practical
Anatomy & Surgical Education,
Department of Surgery
Saint Louis University
School of Medicine

<http://pa.slu.edu>

Advanced Retroperitoneal Anatomy and Neuro-Anatomy of the Pelvis Hands-on Cadaver Course

with Focus on Complications Prevention in Minimally Invasive
Surgery in Endometriosis, Urogynecology and Oncology

ICAPS FACULTY

Nucelio Lemos, MD, PhD (Course Director)

Adrian C. Balica, MD, FACOG (Course Co-Director)

Eugen Cristian Campian, MD, PhD, FACOG (Course Co-Director)

Vadim Morozov, MD, FACOG, FACS

Andrew I. Sokol, MD

M. Jonathon Solnik, MD, FACOG, FACS

Honorary Speaker

Resad Paya Pasic, MD

SESSION II

Thursday, June 20 7:30 am - 5:00 pm

- Complications in MIGS
- Nerves and Vessels of the Anterior Abdominal Wall and the Landmarks for Safe Trocar Entry
- Applied Vascular Anatomy – Prevention and Management of Complications in Pelvic Surgery
- Applied Urinary Tract Anatomy - Prevention and Management of Complications in Pelvic Surgery
- Applied Pelvic Neuroanatomy - Prevention and Management of Complications in Pelvic Surgery
- Panel Discussion: Complication Prevention and Management
- Bonus Videos: Bowel Endometriosis
- **Hands-on Cadaver Lab: Dissection of Lateral Pelvic Sidewall, Ureter, Vessels; Development of the Obturator Space and Identification of Obturator, Sciatic, and Pudendal Nerves**
- **Hands-on Cadaver Lab: Identification of the Sacrospinous and Cardinal Ligaments and the Pelvic Floor Muscles**

Friday, June 21 7:30 am - 5:00 pm

- The Parametria
- The Avascular Spaces of the Pelvis
- Nerve-Sparing Radical Hysterectomy
- Keynote Presentation: Avoiding Pitfalls in MIGS: a Lifetime Experience
- Intrapelvic Neuropathies and Neuromodulation
- Bonus Videos: Deeply Infiltrating Endometriosis - Tips, Tricks, and Safety Landmarks
- Introductory Live Dissection
- **Hands-on Cadaver Lab: Development of the Presacral Space; Dissection of the Hypogastric Nerves, Presacral Space, Sacral Nerve Roots and the Pelvic Splanchnic Nerves; Development of the Latzko and Okabayashi Spaces and the Superior and Inferior Hypogastric Plexuses**
- **Hands-on Cadaver Lab: Exploration of the Relationship Between the Pelvic Ligaments and the Hypogastric Plexuses; Development of the Rectovaginal Space**

OPTIONAL SESSION III

Saturday, June 22 7:30 am - 5:00 pm

- **Hands-on Cadaver Lab: Dissection of Lateral Pelvic Sidewall, Ureter, Vessels, Development of the Obturator Space and Identification of Obturator, Sciatic, and Pudendal Nerves. Identification of the Sacrospinous and Cardinal Ligaments and the Pelvic Floor Muscles. Development of the Presacral Space, Dissection of the Hypogastric Nerves, Presacral Space, Sacral Nerve Roots and the Pelvic Splanchnic Nerves, Development of the Latzko and Okabayashi spaces and the Superior and Inferior Hypogastric Plexuses. Exploration of the Relationship Between the Pelvic Ligaments and the Hypogastric Plexuses. MIGS Procedures with Retroperitoneal Anatomy Monitoring. Laparoscopic Hysterectomy with Retroperitoneal Monitoring. Retropubic/Transobturator Sling with Retroperitoneal Monitoring. Transvaginal Sacrospinous Ligament Fixation with Retroperitoneal Monitoring. Laparoscopic Sacrocolpopexy. Pelvic and Para-aortic Lymphadenectomy.**

Course Description

This theoretical and cadaveric course is designed for both 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 2 full days of combined theoretical lectures on Surgical Anatomy and Pelvic Neuroanatomy with Hands-On practice of laparoscopic and transvaginal dissection and a third optional dissection-only day, with a new specimen.

On the initial days, particular attention will be given to the survey of the normal pelvic anatomy, anatomic landmarks, dissection of the avascular retroperitoneal spaces and pelvic vessels, nerves, ureter and pelvic floor muscles. Detailed examination and dissection of pelvic nerves and blood vessels will be demonstrated during the course, with the emphasis on preventing nerves and vascular complications.

The third day is optional for those who have attended the initial 2-day course or have attended this course on its previous editions. On this extra day, a new specimen will be provided to allow for performing the dissection steps once more, as well as for exploring new, more advanced, retroperitoneal pathways that might be specific to their practices. According to attendee preference advanced procedures, such as transvaginal sacrospinous fixation, paravaginal repair, laparoscopic sacrocolpopexy, rectosigmoidectomy and/or lymphadenectomy will be performed with the objective of raising awareness on the proximity of important structures during our day-to-day procedures. Special attention will be given to the nerve-sparing techniques during laparoscopic dissection, with demonstration of major nerve pathways to the pelvis.

ICAPS Faculty

Nucelio Lemos, MD, PhD

Course Director

Associate Professor of Obstetrics & Gynecology, University of Toronto - Mt. Sinai Hospital, Women's College Hospital. Toronto, ON, Canada
Head of the Pelvic Neurodysfunctions Clinic, Dept. of Gynecology - Federal University of São Paulo, Brazil

Adrian C. Balica, MD, FACOG

Course Co-Director

Associate Professor
Department of Obstetrics, Gynecology and Reproductive Sciences
Division of Pelvic Medicine and Reconstructive Surgery
Rutgers, Robert Wood Johnson Medical School
New Brunswick, NJ

Eugen Cristian Campian, MD, PhD, FACOG

Course Co-Director

Assistant Professor
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Division of Urogynecology
Saint Louis University School of Medicine
St. Louis, MO

Vadim V. Morozov, MD, FACOG, FACS

Minimally Invasive Gynecology
National Center for
Advanced Pelvic Surgery
MedStar Washington Hospital Center
Washington, DC

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

Course 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.

Accreditation:

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

Tuition / Fees	2 Days Only	*3rd Day Only	Full Course
Early Bird (before Jan. 31st)	\$2000	\$1500	\$3000
Regular Fee (from Feb. 1st)	\$2500	\$2000	\$3500
Residents/Fellows/USA Military	\$1695	\$1295	\$2500

*Only available for those who have attended this course in past years.

Credit Designation:

Saint Louis University designates this live activity for a maximum of:

13.50 AMA PRA Category 1 Credit(s)[™] (SESSION II)

6.75 AMA PRA Category 1 Credit(s)[™] (SESSION III Optional)

Registration:

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

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

Session I, June 18-19 will be presented in Portuguese.

Jose. D. Eugenio-Colon, MD

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Sidney Pearce Furtado, MD

Clinical Director of Nucleo de Endometriose do Ceará
Post Grad Professor of UniChristus
Ceará, Brazil

Gil Kamergorodsky, MD, PhD

Pelvic Pain and Endometriosis Unit
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Gynecologist and General Surgeon
Nações Hospital and Vita Batel Hospital
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