JUNE 9 - JUNE 13 **2020**

ST. LOUIS, MISSOURI, USA

6th Advanced Retroperitoneal Anatomy and Neuro-Anatomy of the Pelvis

Hands-On Cadaver Workshop

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

Session I:.....JUNE 9-10
Session II:.....JUNE 11-12
Optional Dissection Day: ..... JUNE 13

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
Marcelo Ceccaroni, MD, PhD

SAINT LOUIS UNIVERSITY.

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

SESSION I

Session I, June 9-10 will be presented in Portugese.

Tuesday, June 9 7:30 am - 5:00 pm

- Pelvic Neuroanatomy and the Nerve Sparing Surgical Concept
  From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection
- Somatic Nerve Bundles of the Pelvis: Ilio-inguinal, Ilio-Hypogastric, Genito-Femoral, Femoral, Lumbosacral Trunk, Superior Gluteal, Sciatic, Pudendal and the Nerve to the Levator Ani
- 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

Wednesday, June 10 7:30 am - 5:00 pm

From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection

- The Avascular Spaces of the Pelvis
- Diaphragmatic Anatomy and Strategies for Diaphragmatic Endometriosis Excision
- Autonomic Nerves of the Pelvis: Superior Hypogastric Plexus, Hypogastric Nerves, Inferior Hypogastric Plexus, Sacral Nerve Roots, Pelvic Splanchnic Nerves and the Sacral Sympathetic Chain
- Bowel Endometriosis: Surgical Techniques
- Hands-on Cadaver Lab: Development of the Presacral Space; Dissecction 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

Tuition / Fees	2 Days Only	Full Course (Includes Otional Day June 13th)
Early Bird (up to Jan. 31st)	$2,295	$3,000
From Jan. 1st to Apr. 30th	$2,500	$3,500
From May 1st to June 7th	$3,000	$4,000
Fellows and US Military	$1,695	$2,500

Session I, June 9-10 will be presented in Portugese.

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

SESSION II

Session I Theoretical Lectures will be given in Portuguese and Session II Lectures in English. English and Portuguese speaking Faculty are available for the practical part of both sessions.

Thursday, June 11 7:30 am - 5:00 pm

- Pelvic Neuroanatomy and the Nerve Sparing Surgical Concept
  From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection
- Somatic Nerve Bundles of the Pelvis: Ilio-Inguinal, Ilio-Hypogastric, Genito-Femoral, Femoral, Lumbosacral Trunk, Superior Gluteal, Sciatic, Pudendal and the Nerve to the Levator Ani
- 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 12 7:30 am - 5:00 pm

From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection

- The Avascular Spaces of the Pelvis
- Diaphragmatic Anatomy and Strategies for Diaphragmatic Endometriosis Excision
- Autonomic Nerves of the Pelvis: Superior Hypogastric Plexus, Hypogastric Nerves, Inferior Hypogastric Plexus, Sacral Nerve Roots, Pelvic Splanchnic Nerves and the Sacral Sympathetic Chain
- Incorporating Nerve-Sparing Procedures into Daily Practice: Tips, Tricks and Advices
  - Nerve-Sparing in Urogynecology
  - Nerve-Sparing in Endometriosis Surgery
  - Nerve-Sparing in Oncology
  - Nerve-Sparing in Bowel Surgery
- Hands-on Cadaver Lab: Development of the Presacral Space; Dissecction 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

SESSION III

Optional

Saturday, June 13 7:30 am - 4:00 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
- Suggested Procedures: 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

ICAPS Faculty

Nucelio Lemos, MD, PhD
Course Director
Associate Professor of Obstetrics & Gynecology, University of Toronto
Head of the Pelvic Neurodysfunctions Clinic, Department of Gynecology - Federal University of São Paulo
Founding Member of the ISON - International Society of Neuropelveology
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Adrian C. Balica, MD
Course Co-Director
Chief of Gynecology
Department of Obstetrics Gynecology and Reproductive Sciences
Rutgers RWJ Medical School
New Brunswick, NJ

Eugen Cristian Campian, MD, PhD, FACOG
Course Co-Director
Associate Professor
Department of Obstetrics, Gynecology and Women's Health
Division of Urogynecology
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Marcello Ceccaroni, MD, PhD
Director, Department of Obstetrics & Gynecology, Gynecologic Oncology and Minimally-Invasive Pelvic Surgery
International School of Surgical Anatomy
Sacro Cuore Don Calabria Hospital
Negrar, Verona, Veneto, Italy

Vadim V. Morozov, MD, FACOG, FACS
Director, AAGL Fellowship in Minimally Invasive Gynecologic Surgery
Associate Professor, Georgetown University School of Medicine
Washington, DC

Andrew I. Sokol, MD
Professor of Ob/Gyn and Urology
Georgetown University School of Medicine
Section of Female Pelvic Medicine and Reconstructive Surgery
MedStar Washington Hospital Center
Washington, DC

M. Jonathon Solnik, MD, FACOG, FACS
Associate Professor
Head of Gynecology and MIS
Department of Obstetrics and Gynecology
University of Toronto
Mt. Sinai Hospital
Toronto, ON, Canada

Invited Faculty

Claudio Crispi, MD
Elise De, MD
Jose. D. Eugenio-Colon, MD
Gustavo L. Fernandes, MD
Sidney Pearce Furtado, MD
Augusta M. Ribeiro, MD
Gil Kamergorodsky, MD, PhD
William Kondo, MD
Renato Moretti Marques, MD, PhD
Marco A. P. Oliveira, PhD
Carlos Eduardo Queiroz, MD
Ricardo Quintairos, MD
Thiers Soares Raymundo, MD
Reitan Ribeiro, MD
M. Brigid Hollaran-Schwartz, MD
Frank E Tu, MD, MPH, FACOG, FACS
Patrick Yeung, Jr., MD

Faculty subject to change, for updates, please go to slu.edu/medicine/pase

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.
On the third day of hands-on practice, attendees will revise all the dissection steps learned on the day before and perform laparoscopic or vaginal procedures on the previously dissected cadaver, constantly monitoring the retroperitoneal structures studied. According to attendee preference advanced procedures, such as transvaginal sacrospinous fixation, paravaginal repair, laparoscopic sacrocolpopexy, rectosigmoidectomy and pelvic and para-aortic 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.

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.

Credit Designation:

Saint Louis University designates this live activity for a maximum of: *13.50 AMA PRA Category 1 Credit(s)™* (SESSION II) *6.5 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:
slu.edu/medicine/pase
This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108