



Hands-on Cadaver Course:

Advanced Retroperitoneal Anatomy and Neuro-Anatomy of the Pelvis

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

ICAPS FACULTY

Nucelio Lemos, MD, PhD (Course Chair)

Adrian Balica, MD (Course Co-Chair)

Eugen Cristian Campian, MD, PhD, FACOG

Vadim Morozov, MD, FACOG, FACS

M. Jonathon Solnik, MD, FACOG, FACS

<http://pa.slu.edu>

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

SESSION I

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.

Tuesday, May 1, 2018 8:30 am - 5:00 pm

- Nerves And Vessels Of The Anterior Abdominal Wall And The Landmarks For Safe Trocar Entry Gustavo Fernandes
- Complications In Migs – From Recognition To Prevention Gustavo Fernandes
- The Pelvic Vasculature Renato Moretti Marques
- Pelvic Neuroanatomy And Neurophysiology Nucelio Lemos
- Nerve Sparing Endometriosis Surgery Nucelio Lemos
- Cadaver Lab Program Description and Live Dissection Demonstration ... Sidney P. Furtado
- Video Lunch - Bowel Endometriosis Sidney P. Furtado
- Hands-on Cadaver Lab: Dissection Of Lateral Pelvic Sidewall, Ureter, Vessels, Development Of The Obturator Space And Identification Of Obturator, Sciatic, And Pudendal Nerves All Faculty
- Identification Of The Sacrospinous And Cardinal Ligaments And The Pelvic Floor Muscles.

Wednesday, May 2, 2018 8:00 am - 5:00 pm

- The Ureter..... Marco Oliveira
- The Parametria Thiers Raymundo
- The Avascular Spaces Of The Pelvis..... Marco Oliveira
- Nerve-Sparing Radical Hysterectomy..... Renato Moretti
- Strategies In Surgical Management Of Endometriosis - From Mild To Severe. Bladder, Bowel, Ureter And Diaphragm..... Claudio Crispi
- Intrapelvic Neuropathies And Neuromodulation..... Nucelio Lemos
- Cadaver Lab Program Description And Live Dissection Demonstration... Nucelio Lemos
- Video Lunch: Deeply Infiltrating Endometriosis – Tips, Tricks And Safety Landmarks..... Ricardo Quinteiros
- Introductory Video..... Adrian Balica
- 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..... All Faculty
- Exploration Of The Relationship Between The Pelvic Ligaments And The Hypogastric Plexuses Development Of The Rectovaginal Space..... All Faculty

SESSION II

Thursday, May 3, 2018 8:00 am - 5:00 pm

- Nerves And Vessels Of The Anterior Abdominal Wall And The Landmarks For Safe Trocar Entry Adrian Balica
- The Pelvic Vasculature Christian Campian
- The Ureter..... Vadim Morozov
- Pelvic Neuroanatomy And Neurophysiology Nerve Sparing Endometriosis Surgery Nucelio Lemos
- Cadaver Lab Program Description And Live Dissection Demonstration Nucelio Lemos
- Video Lunch - Bowel Endometriosis Sidney P. Furtado
- Hands-On Cadaver Lab: Dissection Of Lateral Pelvic Sidewall, Ureter, Vessels, Development Of The Obturator Space And Identification Of Obturator, Sciatic, And Pudendal Nerves. All Faculty
- Identification Of The Sacrospinous And Cardinal Ligaments And The Pelvic Floor Muscles.

Friday, May 4, 2018 8:00 am - 5:00 pm

- Complications In Migs – From Recognition To Prevention Jonathon Solnik
- The Parametria Thiers Raymundo
- The Avascular Spaces Of The Pelvis..... Marco Oliveira
- Nerve-Sparing Radical Hysterectomy..... Renato Marques
- Intrapelvic Neuropathies And Neuromodulation..... Nucelio Lemos
- Cadaver Lab Program Description And Live Dissection Demonstration..... Nucelio Lemos
- Video Lunch - Deeply Infiltrating Endometriosis – Tips, Tricks And Safety Landmarks..... Patrick Yeung
- Introductory Video..... Adrian Balica
- 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 All Faculty
- Exploration Of The Relationship Between The Pelvic Ligaments And The Hypogastric Plexuses. Development Of The Rectovaginal Space..... All Faculty

SESSION III - OPTIONAL

Saturday, May 5, 2018 8:00 am - 5:00 pm

- Dissection Videos And Sequence Nucelio Lemos
- 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 All Faculty
- 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 All Faculty

ICAPS Faculty

Nucelio Lemos, MD, PhD

Course Chair
 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

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Vadim V. Morozov, MD, FACOG, FACS

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

Crispi Minimally Invasive Surgery Institute – President
 Graduate in Gynecologic Endoscopy - Coordinator
 Rio de Janeiro, Brazil

Elise De, MD

Associate Professor of Surgery
 Division of Urology
 Albany Medical Center
 Medical Director, Albany Pelvic Health Center
 Albany, NY

Gustavo L. Fernandes, MD

Dept. of Obstetrics and Gynecology,
 Gynecologic Oncology Division
 Faculdade de Ciências Médicas da Santa Casa de São
 Paulo
 São Paulo, Brazil

Sidney Pearce Furtado, MD

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

Gil Kamergorodsky, PhD

Federal University of São Paulo
 São Paulo, Brazil

William Kondo, MD

General Surgeon and Gynecologist
 Centro Medico Hospitalar Sugisawa
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Colleen McDermott, BSc, MSc, MD, MRCS, FRCS

Assistant Professor
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Renato Moretti Marques, MD, PhD

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Marco A. P. Oliveira, PhD

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M. Brigid Hollaran-Schwartz, MD

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Andy Sokol, MD

Associate Professor of OB/GYN and Urology
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 Associate Director, Minimally Invasive Surgery
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Frank F. Tu, MD, MPH, FACOG, FACS

Clinical Associate Professor
 Department of Obstetrics and Gynecology
 Director, Division of Gynecological Pain
 and Minimally Invasive Surgery
 Chicago, IL

Patrick Yeung, Jr., MD

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 Department of Obstetrics, Gynecology and Women's
 Health
 Division of Gynecologic Surgical Subspecialties
 Director, Center for Endometriosis
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Faculty subject to change, for updates, please go to <http://pa.slu.edu>

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

Tuition / Fees	New Participant		Returning Participant		
	2 Days Only	Full Course	2 Days Only	3rd Day Only	Full Course
Early Bird (January 31)	\$2295	\$3000	\$2000	\$1500	\$2700
From February 1 - March 31	\$2500	\$3500	\$2500	\$1500	\$3000
From April 1 - May 1	\$3000	\$4000	\$2500	\$2000	\$3500
Fellows & US Military	\$1695	\$2500	\$1695	\$1295	\$2500

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:
 14.50 AMA PRA Category 1 Credit(s)™ (SESSION I)
 15.00 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