



Session I:.....JUNE 18-19
Session II:.....JUNE 20-21
Optional Dissection Day:..... JUNE 22

SESSION I

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

Tuesday, June 18 7:30 am - 5:00 pm

- > Complications in MIGS- From Recognition to Prevention
- > 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: Tips and Tricks on Bowel Endometriosis
- > Introductory Live Dissection
- > **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 19 7:30 am - 5:00 pm

- > The Parametria
- > The Avascular Spaces of the Pelvis
- > Nerve Sparing Radical Hysterectomy
- > Strategies in Surgical Management of Endometriosis- From Mild to Severe; Bladder, Bowel, Ureter and Diaphragm
- > Intrapelvic Neuropathies and Neuromodulation
- > Bonus Videos: Deeply Infiltrating Endometriosis – Tips, Tricks, and Safety Landmarks
- > Introductory Video
- > **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

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 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

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.

2019
St. Louis, Missouri, USA

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



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>

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)**
- Marcello Ceccaroni, MD, PhD**
- Vadim Morozov, MD, FACOG, FACS**
- Andrew I. Sokol, MD**
- M. Jonathon Solnik, MD, FACOG, FACS**
- Honorary Speaker
- Resad Paya Pasic, MD**

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
Department of Obstetrics, Gynecology and Women's Health
Division of Urogynecology
Saint Louis University School of Medicine
St. Louis, MO

Marcello Ceccaroni, MD, PhD

Director, Department of Obstetrics and 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

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

Honorary Speaker

Resad Paya Pasic, MD

Professor Obstetrics, Gynecology & Women's Health
Director MIGS Fellowship
University of Louisville School of Medicine
Louisville, KY

Invited Faculty

Claudio Crispi, MD

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

Elise De, MD

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

Jose. D. Eugenio-Colon, MD

Assistant Professor
Department of Obstetrics, Gynecology and Women's Health, Division of Minimally Invasive Gynecologic Surgery,
Saint Louis University School of Medicine
St. Louis, MO

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

Gynecologist and General Surgeon
Nações Hospital and Vita Batel Hospital
Curitiba - Paraná - Brazil

Renato Moretti Marques, MD, PhD

Professor
Department of Gynecologic Oncology
University of Taubate and
Federal University of Sao Paulo – UNIFESP
Sao Paulo, Brazil

Marco A. P. Oliveira, PhD

Associate Professor
Department of Gynecology
State University of Rio de Janeiro
Rio de Janeiro, Brazil

Thiers Soares Raymundo, MD

Department of Gynecology
State University of Rio de Janeiro
Rio de Janeiro, Brazil

Reitan Ribeiro, MD

Minimally Invasive Surgery Coordinator
of the Erasto Gaertner Hospital,
Curitiba, Brazil
Gynecologic Oncology Director of the Brazilian Society of Surgical Oncology
Curitiba, Brazil

M. Brigid Hollaran-Schwartz, MD

Professor
Department of Obstetrics
Gynecology & Women's Health, MIGS
Saint Louis University School of Medicine
St. Louis, MO

Frank E Tu, MD, MPH, FACOG, FACS

Vice Chair Quality, NorthShore University Health System
Clinical Associate Professor
Department of Obstetrics and Gynecology
Director, Division of Gynecological Pain and Minimally Invasive Surgery
University of Chicago Pritzker
School of Medicine
Chicago, IL

Patrick Yeung, Jr., MD

Associate Professor
Department of Obstetrics,
Gynecology and Women's Health
Division of Gynecologic Surgical Subspecialties
Director, Center for Endometriosis
Saint Louis University School of Medicine
St. Louis, MO

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

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.

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 I)
13.50 AMA PRA Category 1 Credit(s)[™] (SESSION II)
6.75 AMA PRA Category 1 Credit(s)[™] (SESSION III Optional)
Physicians should only claim credit commensurate with the extent of their participation in the activity.

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

Tuition / Fees	2 Days Only	*3rd Day Only	Full Course
Early Bird (by 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.