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
Nucelo 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

June 20-21, 2019
June 22, Optional
St. Louis, Missouri, USA

http://pa.slu.edu
SESSION II
Thursday, June 20 7:30 am - 5:00 pm
- Complications in MISG
- Nerves and Vessels of the Anterior Abdominal Wall and the Landmarks for Safe Trocars 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 Neuromonitoring – 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 MISG: A Lifetime Experience
- Intrapelvic Neuropathies and Neurourodulation
- 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 Rectoaxial Space

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 Neuromonitoring with Hands-On practice of laparoscopic and transvaginal dissection and a third optional dissection-only day, with a new specimen.

On the initial day, particular attention will be given to the survey of the 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 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 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 observer preference advanced procedures, such as transvaginal sacrospinous fixation, paravaginal repair, laparoscopic sacropsocectomy, resection of bowel and/or omentectomy 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.

Credit Designation:
Saint Louis University designates this live activity for a maximum of: 13.50 AMA PRA Category 1 Credits™ (**SESSION II)**
6.75 AMA PRA Category 1 Credits™ (**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 PAE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108

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 Neurodisfunctions 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

**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**

**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 Management
Department of Obstetrics and Gynecology
University of Toronto - Mt. Sinai Hospital
Toronto, ON, Canada

**Resad Pasa Pasic, MD**
Professor Obstetrics, Gynecology & Women’s Health
Director MIGS Fellowship
University of Louisville School of Medicine
Louisville, KY

**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

**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, MD, PhD**
Pelvic Pain and Endometriosis Unit
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 São 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 Drastro Gaertner Hospital
Curitiba, Brazil

**M. Brígida Hollaran-Schwartz, MD**
Professor
Department of Obstetrics Gynecology & Women’s Health, MISG
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 Gynecologic 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

Tuition / Fees

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<tr>
<th></th>
<th>2 Days Only</th>
<th>*3rd Day Only</th>
<th>Full Course</th>
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<tbody>
<tr>
<td>Early Bird (before Jan. 31st)</td>
<td>$2000</td>
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<td>Regular Fee (from Feb. 1st)</td>
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<td>Residents/Fellows/USA Military</td>
<td>$1695</td>
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*Only available for those who have attended this course in past years.*