The 2023 Pelvic Anatomy Expo is a Collaborative Event to Reflect the Evolving Need for Cross-Disciplinary Knowledge Transfer

slu.edu/medicine/pase
The Pelvic Anatomy Expo 2023 is a collaborative event to reflect the evolving need for cross-disciplinary knowledge transfer. The Expo will include six separate didactic and hands-on cadaver courses spanning over eight days.

Throughout the week, we have our traditional 6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis: Hands-on Cadaver Course which is offered in Portuguese, Spanish and English.

This program is designed for the advanced Gynecologic, Urologic and Colorectal Surgeons and focuses on pelvic neuroanatomy and nerve-sparing techniques. The English course is scheduled to provide a seamless transition to merge with the new Surgical and Clinical Implications of Pelvic, Hip, Spine, and Core Neuroanatomy: A Multidisciplinary Didactic and Hands-on Cadaver Course. This new course is designed to serve as a “hands-on discussion forum” for all specialties that deal with spinal, pelvic and or deep gluteal portions of the lumbosacral plexus to share their vision of this complex anatomy.

The Pelvic Anatomy Expo 2023 also welcomes two additional advanced procedural courses to join this project – Applied Retroperitoneal Anatomy and Advanced Laparoscopic Procedures for the Gynecologic Oncologist and Advanced Anatomy and Surgical Techniques for the Management of Deeply Infiltrating Endometriosis. Both courses are designed to take gynecologic surgeons to the next level in treating these complex conditions. The courses will focus on the Latin American advanced gynecologic surgeons and are offered in Portuguese and Spanish.

The advancement of retroperitoneal laparoscopic techniques has opened the doors to a whole new world of anatomical knowledge, which has produced better surgical outcomes with lower complication rates. Moreover, better understanding of intrapelvic neuroanatomy has pushed the boundaries of traditional medical specialties and fostered immense collaboration opportunities between gynecologists, colorectal surgeons, and urologists, as well as between these pelvic surgeons with hip, spine, and peripheral nerve surgeons.

The Pelvic Anatomy Expo 2023 will take place at the Practical Anatomy and Surgical Education Center, which offers the perfect infrastructure and working environment for such an ambitious collective project.
Tuition Fees
Courses 1-5 ............................................................................................................................................... $3900
Course 6.................................................................................................................................................... $1195
Course 6 - Add-on Day to Course 5 (June 12)
Or Observer (Lectures only) Both Days.......................................................................................................... $495

St. Louis Attractions
St. Louis offers lively attractions throughout the city for visitors of any age. Forest Park is less than 4 miles from Practical Anatomy and Surgical Education and offers the Art Museum, Science Center, Zoo, Jewel Box greenhouse, History Museum, 7.5-mile biking, jogging and skating path and lakes all for FREE. The downtown riverfront is a short cab ride from the hotels and offers attractions including the Old Cathedral, Gateway Arch and the Jefferson National Expansion Memorial and Museum.

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.
The Pelvic Anatomy Expo 2022 is promoted by the ICAPS collaboration.
# COURSE FACULTY

## COURSE 1
**June 5-7, 2023**
**Advanced Anatomy & Surgical Techniques for the Management of Deeply Infiltrating Endometriosis**
*A Simulcast-Based Hands-on Cadaver Course Presented in SPANISH*

**Course Co-Directors:**
- Armando Menocal
- JD Eugenio
- William Kondo
**Invited Faculty:**
- Gil Kamergorodsky
- Ramiro Cabrera

**ICAPS Acknowledgement:**
- Cristian Campian
- Nucelio Lemos

## COURSE 2
**June 8-10, 2023**
**Applied Retroperitoneal Anatomy & Advanced Laparoscopic Procedures for the Gynecologic Oncologist**
*A Simulcast-Based Hands-on Cadaver Course Presented in PORTUGUESE and SPANISH*

**Course Co-Chairs:**
- Reitan Ribeiro
- Renato Moretti
- Rene Pareja
**Invited Faculty:**
- Daniel Sanabria
- David Isla
- Gabriel Rendón

## COURSE 3
**June 6-7, 2023**
**6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis**
*A Simulcast-Based Hands-on Cadaver Course Presented in PORTUGUESE*

**Course Chair:**
- Nucelio Lemos

**Invited Faculty:**
- Augusta Morgado Ribeiro
- Carlos Eduardo Queiroz
- Gustavo L. Fernandes
- Marco Aurelio Pinho de Oliveira
- Marcos Tobias Machado
- Sidney Pearce Furtado
- Thiers Soares Raymundo

## COURSE 4
**June 8-9, 2023**
**6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis**
*A Simulcast-Based Hands-on Cadaver Course Presented in SPANISH*

**Course Chair:**
- Nucelio Lemos

**Invited Faculty:**
- Armando Menocal
- Augusta Morgado Ribeiro
- Carlos Eduardo Queiroz
- Gustavo L. Fernandes
- Jonathon Solnik

## COURSE 5
**June 10-11, 2023**
**6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis**
*A Simulcast-Based Hands-on Cadaver Course Presented in ENGLISH*

**Course Chair:**
- Nucelio Lemos

**Course Co-Chairs:**
- Adrian Balica
  - Cristian Campian

**Invited Faculty:**
- Augusta Morgado Ribeiro
- Carlos Eduardo Queiroz
- Gustavo L. Fernandes
- Marco Aurelio Pinho de Oliveira
- Thiers Soares Raymundo

**ICAPS Faculty:**
- Jonathon Solnik
  - Vadim Morozov

## COURSE 6
**June 11-12, 2023**
**Surgical and Clinical Implications of Pelvic, Hip, Spine & Core Neuroanatomy**
*A Multidisciplinary Didactic and Hands-on Cadaver Course Presented in ENGLISH*

**Course Co-Chairs:**
- Justin Brown
- Nucelio Lemos

**Invited Faculty:**
- Adrian Balica
- Amgad Hanna
- Augusta Morgado Ribeiro
- Chris Winfree
- Cristian Campian
- Elise De

**ICAPS Faculty:**
- Giancarlo Polesello
- Gustavo Fernandes
- Hal D. Martin
- Jason Siefferman
- Jorge Clifton
- Line Jacques
- Marcelo Queiroz
- Michael Hibner
- Munif Haten
- Thomas J. Wilson
- Vadim Morozov
Course 1

Advanced Anatomy & Surgical Techniques for the Management of Deeply Infiltrating Endometriosis

A Simulcast-Based Hands-on Cadaver Course Presented in SPANISH

June 5, 2023

Theory and Practice

Preparing Patient for Surgery in Deep Endometriosis
• Patient Positioning & Equipment Standard Trocar
• Placement & Special Situations

Pelvic Surgical Anatomy
• Superficial Anatomy Related to Deep Structures

Avascular Spaces of the Pelvis – How and Why to Use Them
• Lateral and Medial Pararectal Spaces
• Retrorectal and Presacral Space
• Medial and Lateral Paravesical Spaces
• Okabayashi’s 4th Avascular Space

Bowel Endometriosis – Procedural Step-by-Step, Tips-and-Tricks
• Fundamental Anatomical Concepts
• Bowel Shaving
• Discoid Resection
• Double Discoid Resection
• Segmental Resection
• Appendectomy
• Cecum and Terminal Ileum Resection

Urinary Tract Endometriosis
• Fundamental Anatomical Knowledge
• Ureter – How to Identify and Dissect
• Managing Ureteric Endometriosis – Ureteric Stenting, Shaving, Anastomosis and Reimplantation
• Managing Bladder Endometriosis – Shaving, Full Thickness Resection and Partial Cystectomy

Pelvic Neuroanatomy, Neurophysiology, and Nerve-Sparing Radical Resection of Endometriosis

June 6, 2023

Theory and Practice

Mechanical Staplers Workshop
• Managing Complications in Endometriosis Surgery: Tips and Tricks

Upper Abdomen and Diaphragmatic Endometriosis

Hands-on Cadaver Practice:
• Port Placement
• Development of Avascular Spaces
• Identification of Hypogastric Nerve and Inferior Hypogastric Pelvis
• Ureteric and Bladder Dissection
• Cystotomy and Cystorrhaphy
• Ureteric Reanastomosis
• Ureteric Stenting
• Ureteric Reimplantation

June 7, 2023

Theory and Practice

Hands-on Cadaver Practice:
• Bowel Shaving and Suturing
• Discoid Resection
• Rectal Sleeve Resection Using Linear Stapler
• Rectal Segmental Resection
• Appendectomy
• Cecal and Terminal Ileum Resection
• Management of Vascular Injuries
• Diaphragmatic Endometriosis

Course Recap and Discussion

Course Times: 7:30am - 5:00pm

Course Description: This advanced Hands-on Cadaveric Course focuses on practical training for developing the necessary skills for minimally invasive surgery in deep endometriosis. The course will address various procedures required to surgically stage and manage deep endometriosis and potential intraoperative and post-operative complications.

The course will be composed of 3 full days of simulcast-oriented (live dissection with parallel anatomy schemes) and hands-on cadaver sessions of retroperitoneal anatomy and neuroanatomy applied to deep endometriosis procedures.

Ultimate learning experience is ensured by our guaranteed 2 attendants per station policy, in addition to one faculty per 2 stations. The course is taught by world-class faculty members selected from some of the best centers in advanced minimally invasive gynecologic endometriosis oncology. This unique setting creates the perfect environment for brainstorming on dissection strategies, approaches and combined solutions to the most important issues faced during deep endometriosis procedures.

Course Objectives: At the conclusion of this activity, the participant will be able to:
• Identify the key structures, landmarks and retroperitoneal spaces for performing nerve-sparing advanced bowel resections, discoid an shaving, bladder, ureter, diaphragm resections
• Implement changes in surgical practice to increase radicality while decreasing morbidity on the surgical treatment on deep endometriosis
• Demonstrate the lumbo-sacral plexus and abdomino-pelvic autonomic nerve bundles and implement surgical steps for nerve sparing in deep endometriosis
• Employ a reproductive strategy to prevent potential intraoperative and post-operative complications associated with laparoscopic approaches associated with endometriosis procedures

Registration:
For Further Course Details and Registration, Click On (or type in your internet browser) the link below:
https://cvent.me/mMbd8D
COURSE 2
Applied Retroperitoneal Anatomy & Advanced Laparoscopic Procedures for the Gynecologic Oncologist

A Simulcast-Based Hands-on Cadaver Course Presented in PORTUGUESE and SPANISH

June 8, 2023
Cadaveric Demonstrations and Hands-on Lab
Theory and Practice
› Preparing the Gynecologic Oncology Patient for Surgery
  • Patient Positioning & Equipment
  • Standard Trocar Placement & Special Situations
› Radical Pelvic Surgery Neuroanatomy
  • Superficial Anatomy Related to Deep Structures
  • Somatic Nervous System in Gynecology Oncology
  • Identification, Dissection & Function
› Radical Pelvic Surgical Anatomy
  • Autonomic Nervous System in Gynecology Oncology
  • Identification, Dissection & Function
› Retroperitoneal Space Identification:
  • Dissection & Anatomic Relationship
  • Special Focus on Ureter & Neural Anatomy
› Laparoscopic Pelvic Lymphadenectomy
  • Step-by-Step
  • Tips & Tricks
  • Different Levels of Dissection
› Radical Hysterectomy Classification
› Nerve Sparing Radical Hysterectomy (Type C1)
  • Special Focus on Nerve Identification & Function
› Vascular Complications:
  • Laparoscopic Management Advanced Suturing Practice
› Ureteral Complication:
  • Laparoscopic Management Advanced Suturing Practice

June 9, 2023
Cadaveric Demonstrations and Hands-on Lab
Theory and Practice
› Laparoscopic Internal Iliac Vascular System Control/Resection
› Laparoscopic Pelvic Exenterations
› Lateral Extended Pelvic Resections
› Patient Preparation & Equipment
  • Trocar placement for Retroperitoneal & Upper Abdominal Procedures
› Retroperitoneal Anatomy/Neuroanatomy
  • Spaces & Autonomic Nerves of Relevance for Radical Procedures in Gyn Onc
› Laparoscopic Para-Aortic Lymphadenectomy (Nerve Sparing vs Non-Nerve Sparing)
› Laparoscopic Retro-Renal Access & Lymphadenectomy
› Laparoscopic Retroperitoneal Vascular Control & Complications or Advanced Suturing Practice

June 10, 2023
Cadaveric Demonstrations and Hands-on Lab
Theory and Practice
› Laparoscopic Celiac & Hepatic Lymphadenectomies
› Laparoscopic Hepatic Mobilization & Retro-Heaptic Peritoneotomy
› Laparoscopic Diaphragmatic Peritoneotomy
› Laparoscopic Diaphragmatic Full Thickness Resection & Thoracoscopy
› Laparoscopic Ureteral Re-Implant
› Laparoscopic Urinary Reconstructions:
  • Bricker EM – Double-Barreled Wet Colostomy
› Laparoscopic Vaginal Ileal Reconstruction or Advanced Suture Practice
› Laparoscopic Vaginal Colonic Reconstruction or Advanced Suture Practice

Course Times: 7:30am - 5:00pm

COURSE DESCRIPTION: This advanced Hands-on Cadaveric Course focuses on practical training for developing the necessary skills for minimally invasive surgery in Gynecologic Oncology. The course will address various procedures required to surgically stage and manage gynecologic cancers and potential intraoperative and post-operative complications.

The course will be composed of 3 full days of simulcast-oriented (live dissection with parallel anatomy schemes) and Hands-on Cadaver Sessions of retroperitoneal anatomy and neuroanatomy applied to gynecologic oncology procedures.

Ultimate learning experience is ensured by our guaranteed 2 attendants per station policy, in addition to one faculty per 2 stations. The course is taught by world-class faculty members selected from some of the best centers in advanced minimally invasive gynecologic oncology. This unique setting creates the perfect environment for brainstorming on dissection strategies, approaches and combined solutions to the most important issues faced during oncologic procedures in gynecology.

COURSE OBJECTIVES: At the conclusion of this activity, the participant will be able to:
• Identify the key structures, landmarks, and retroperitoneal spaces for performing nerve-sparing advanced oncological resections
• Implement changes in surgical practice to increase radicality while decreasing morbidity on the surgical treatment on gynecological cancer
• Demonstrate the lumbo-sacral plexus and abdomino-pelvic autonomic nerve bundles and implement surgical steps for nerve sparing oncologic resections
• Perform ultra-radical procedures such as laparoscopic Pelvic Exenteration and Lateral Extended Endopelvic Resections (LEER)
• Employ a reproductive strategy to prevent potential intraoperative and post-operative complications associated with laparoscopic approaches associated with gynecologic cancer

REGISTRATION: For Further Course Details and Registration, Click On (or type in your internet browser) the link below:
https://cvent.me/RLZQM
COURSE 3
6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis

A Simulcast-Based Hands-on Cadaver Course Presented in PORTUGUESE

June 6, 2023

› Pelvic Functional Anatomy, Neurophysiology and the Principle of Nerve-Sparing through Direct Visualization of Nerve Bundles
› Nerve-Sparing in Urological Surgery
› Nerve-Sparing in Colorectal Surgery
› The Avascular Spaces of the Pelvis and the Parametria
› From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection:
  • Autonomic Nerves of the Pelvis
  • Superior Hypogastric Plexus
  • Hypogastric Nerves
  • Inferior Hypogastric Plexus
  • Sacral Nerve Roots
  • Pelvic Splanchnic Nerves
  • Sacral Sympathetic Chain

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
• Exploration of the Relationship between the Pelvic Ligaments and the Hypogastric Plexuses
• Development of the Rectovaginal Space

June 7, 2023

› Neuropelveology – The Clinical and Surgical Applications of the Laparoscopic Approach to the Lumbosacral Plexus
› Simulcast Dissection – Laparoscopic Neuroanatomy
  Nerves of the Parieto-Psoic Compartment:
  • Ilio-Inguinal, Ilio-Hypogastric, Genito-Femoral, Femoral and Lateral Femoral Cutaneous Nerves
  • Nerves of the Obturator and Ilio-Iumbar Space:
    - Lumbosacral Trunk and Obturator, Superior Gluteal, Sciatic and Pudendal Nerves

Hands-On Cadaver Lab:
Nerves of the Parieto-Psoic Compartment:
• Ilio-Inguinal
• Ilio-Hypogastric
• Genito-Femoral
• Femoral
Nerves of the Iliolumbar and Obturator Spaces:
• Lumbosacral Trunk, Superior Gluteal, Sciatic, and Pudendal

Course Times: 7:30am - 5:00pm

COURSE DESCRIPTION: This theoretical and cadaveric course is designed for both intermediate and advanced laparoscopic gynecologic surgeons, urogynecologists, urologists, and colorectal surgeons 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 cadaveric 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
• Employ safe and effective pelvic nerve dissection
• Identify the landmarks and execute the steps for nerve-sparing surgery

REGISTRATION:
For Further Course Details and Registration, Click On (or type in your internet browser) the link below:

https://cvent.me/8rG3Ey
COURSE 4
6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis

A Simulcast-Based Hands-on Cadaver Course Presented in SPANISH

June 8, 2023

› Pelvic Functional Anatomy, Neurophysiology and the Principle of Nerve-Sparing through Direct Visualization of Nerve Bundles
› Nerve-Sparing in Urological Surgery
› Nerve-Sparing in Colorectal Surgery
› The Avascular Spaces of the Pelvis and the Parametria
› From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection:
  • Autonomic Nerves of the Pelvis
    • Superior Hypogastric Plexus
    • Hypogastric Nerves
    • Inferior Hypogastric Plexus
    • Sacral Nerve Roots
    • Pelvic Splanchnic Nerves
    • Sacral Sympathetic Chain
  • 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
    • Exploration of the Relationship between the Pelvic Ligaments and the Hypogastric Plexuses
    • Development of the Rectovaginal Space

June 9, 2023

› Neuropelveology – The Clinical and Surgical Applications of the Laparoscopic Approach to the Lumbosacral Plexus
› Simulcast Dissection – Laparoscopic Neuroanatomy
  Nerves of the Pareti-Psoic Compartment:
  • Ilio-Inguinal, Ilio-Hypogastric, Genito-Femoral, Femoral and Lateral Femoral Cutaneous Nerves
  • Nerves of the Obturator and Ilio-lumbar Space:
    Lumbosacral Trunk and Obturator, Superior Gluteal, Sciatic and Pudendal Nerves
› Hands-On Cadaver Lab:
  Nerves of the Pareti-Psoic Compartment:
  • Ilio-Inguinal
  • Ilio-Hypogastric
  • Genito-Femoral
  • Femoral
  Nerves of the Iliolumbar and Obturator Spaces:
  • Lumbosacral Trunk, Superior Gluteal, Sciatic, and Pudendal

Course Times: 7:30am - 5:00pm

COURSE DESCRIPTION: This theoretical and cadaveric course is designed for both intermediate and advanced laparoscopic gynecologic surgeons, urogynecologists, urologists, and colorectal surgeons 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 cadaveric 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
• Employ safe and effective pelvic nerve dissection
• Identify the landmarks and execute the steps for nerve-sparing surgery

REGISTRATION:
For Further Course Details and Registration, Click On (or type in your internet browser) the link below:
https://cvent.me/BKGg1m
**COURSE 5**  
6th Hands-On Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis  
*A Simulcast-Based Hands-on Cadaver Course Presented in ENGLISH*

---

**June 10, 2023**

**Theory and Practice**

› Pelvic Functional Anatomy, Neurophysiology and the Principle of Nerve-Sparing through Direct Visualization of Nerve Bundles
› Nerve-Sparing in Urological Surgery  
› Nerve-Sparing in Colorectal Surgery  
› The Avascular Spaces of the Pelvis and the Parametria  
› From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection  

**Autonomic Nerves of the Pelvis:**
- Superior Hypogastric Plexus  
- Hypogastric Nerves  
- Inferior Hypogastric Plexus  
- Sacral Nerve Roots  
- Pelvic Splanchnic Nerves  
- Sacral Sympathetic Chain  

**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  
- Exploration of the Relationship between the Pelvic Ligaments and the Hypogastric Plexuses  
- Development of the Rectovaginal Space  

---

**June 11, 2023**

› Neuropelveology – the Clinical and Surgical Applications of the Laparoscopic Approach to the Lumbosacral Plexus  
› Simulcast Dissection – Laparoscopic Neuroanatomy  
› Live Demonstration in Cadaver Lab:
  - Ultrasound-Guided Block to the Nerves of the Anterior Abdominal Wall and Inguinal Region  
  - Open Access to the Nerves of the Parieto-Psoic Compartments  

**OPTIONAL: Hands-on Cadaver Lab - OPEN**
- Nerves of the Parieto-Psoic Compartments: Ilio-Inguinal, Ilio-Hypogastric, Genito-Femoral, Femoral  

**Hands-on Cadaver Lab:**
- Nerves of the Iliolumbar and Obturator Spaces:
  - Lumbosacral Trunk, Superior Gluteal, Sciatic, and Pudendal  

---

**Course Times: 7:30am - 5:00pm**

**COURSE DESCRIPTION:** This theoretical and cadaveric course is designed for both intermediate and advanced laparoscopic gynecologic, urologic, and colorectal surgeons 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 cadaver practice of laparoscopic nerve dissection.

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.

According to attendee preference advanced procedures that are part of attendees daily practice 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.

This year, we are inaugurating the Multispecialty Lumbosacral Anatomy Course, including neurosurgeons and hip surgeons interested in lumbosacral nerve entrapments. The first day of this course will be mingled with the second day of this laparoscopic neuroanatomy course, giving attendants the opportunity of increasing their knowledge on the parietal abdominal and inguinal neuroanatomy.

**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

**REGISTRATION:**
For Further Course Details and Registration, Click On (or type in your internet browser) the link below:
https://cvent.me/N3GdLr
June 11, 2023

Joint Day with Laparoscopic Neuroanatomy

- Neuropelveology – The Clinical and Surgical Applications of the Laparoscopic Approach to the Lumbosacral Plexus
- Simulcast Dissection – Laparoscopic Neuroanatomy
  - Laparoscopic Anatomy of the Lumbosacral Plexus
- Live Demonstration in Cadaver Lab:
  - Ultrasound-Guided Block to the Nerves of the Anterior Abdominal Wall and Inguinal Region
- Live Dissection in Cadaver Lab:
  - Open Access to the Nerves of the Parieto-Psoic Compartment
  - Nerves of the Parieto-Psoic Compartment: Ilio-Inguinal, Ilio-Hypogastric, Genito-Femoral, Femoral
- Hands-on Cadaveric Lab:
  - Ultrasound-Guided Block to the Nerves of the Anterior Abdominal wall and Inguinal Region
  - Open Access to the nerves of the parieto-psoic compartment
- Open Access to the Nerves of the Presacral Space - Clinical Applications
- Simulcast Dissection and Hands-on Cadaver Lab:
  - Open Approach to the Nerves of the Presacral Space

June 12, 2023

The Hip-Pelvis-Spine Trinomium: Neuromusculoskeletal Interactions of the Lumbosacral Plexus and the Pelvic Floor

- Ultrasound Guided Blocks to the Nerves of the Deep Gluteal Space
- Simulcast Dissection:
  - From the Sacrum to the Deep Gluteal Space
  - Hip Endoscopic Approach to the Lumbosacral Plexus with Joint Laparoscopic Vision
- Differential Diagnosis of Chronic Pelvic Pain
- Perineal Approach to the Pudendal Nerve - Clinical Applications
- Simulcast Dissection and Hands-on Cadaver Lab:
  - Perineal Approach to the Pudendal Nerve
- Subgluteal Approaches to the Nerves of the Deep Gluteal Space - Clinical Applications
- Simulcast Dissection and Hands-on Cadaver Lab:
  - Subgluteal Approaches to the Nerves of the Deep Gluteal Space
- Cross-Disciplinary Think Tank Panel Discussion:
  - Future Perspectives for Lumbosacral Anatomy and Approaches

Course Times: 7:30am - 5:00pm

COURSE DESCRIPTION: This practical, theoretical, didactic and cadaveric course is designed to be a collaborative forum for healthcare practitioners and researchers interested in diseases of the lumbosacral plexus to exchange ideas and views of the lumbosacral plexus.

The course will be composed of 2 full days of combined theoretical lectures on Lumbosacral Neuroanatomy with hands on technique of laparoscopic, laparotomic, transperineal and transgluteal approaches to the lumbosacral pelvic bundles crossing the pelvis and the deep gluteal space.

This multidisciplinary didactic and cadaveric infrastructure will bolster anatomic and functional understanding of the lumbosacral plexus in an attempt to close the knowledge gaps generated by subspecialized training.

Clinical presentations, treatment approaches, and anatomic surgical facts will be taught. Gaps in the understanding of lumbosacral anatomy and treatment will be identified. Learning and research opportunities will be discussed in open fora.

For hands on practice, faculty and attendants will be gathered in groups with representatives from respective disciplines (peripheral nerve surgeons, hip surgeons and laparoscopists) for brainstorming dissections exploring joint multicompartimental approaches and combined solutions to lumbosacral plexus pathologies.

Course Objectives: At the conclusion of this activity, the participant will be able to:

- Better prevent complications from surgical approaches to the hips, lower spine, and pelvis.
- Better identify and treat pain in the hips, lower spine, and pelvis.
- Discuss the gaps in neuroanatomical knowledge in lumbosacral neuroanatomy of subspecialties involved in relevant conditions
- Visualize a multispecialty approach to patient care.
- Operationalize a transcompartmental (spinal, pelvic and hip) understanding of the lumbosacral plexus
- Discuss the clinical implications of a multicompartamental approach to the lumbosacral plexus
- Develop novel ideas for combined surgical approaches to the lumbosacral plexus

REGISTRATION:
For Further Course Details and Registration, Click On (or type in your internet browser) the link below:
https://cvent.me/RLZQvl