

# Curriculum Vitae

**Nucelio L. B. M. Lemos**  
MD, PhD

**A. Date Curriculum Vitae was Prepared: July 11th, 2024.**

## **B. Biographical Information**

### **1. CONTACT INFORMATION**

#### **MOUNT SINAI HOSPITAL OFFICE (PREFERRED CONTACT)**

700 University Avenue | Room 8-917  
Toronto ON M5S 1Z5  
Canada

Telephone +1 (416) 586-4800; ext. 4991  
Fax +1 (416) 586-4654

#### *Secretary*

Telephone M. Angelica Bahamon  
+1 (416) 586-4800; ext.4991  
Email angelica.bahamon@sinaihealth.ca

#### **WOMEN'S COLLEGE HOSPITAL OFFICE**

76 Grenville Street, Room 5449  
Women's College Hospital, Dept. of Gynecology  
Toronto ON M5S 1B2  
Canada

Telephone +1 (416) 323-6400; ext.6355

#### **PERSONAL CONTACT**

Cellphone +1 (647) 984-0706  
Email nucelio.lemos@utoronto.ca

### **2. EDUCATION**

#### **HIGH SCHOOL**

Feb 1995 – Dec 1997 Colégio Anglo Cassiano Ricardo  
São José dos Campos, SP, Brazil

## DEGREES

Feb 1998 – Nov 2003	Medical Degree Faculdade de Ciências Médicas da Santa Casa de São Paulo São Paulo, SP, Brazil
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## POSTGRADUATE, RESEARCH AND SPECIALTY TRAINING

Jan 2011 – Jan 2026	Pos-Doctorate in Gynecology Federal University of São Paulo São Paulo, Brazil
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May 2010 – Oct 2010	Fellowship in Neuropelveology International School of Neuropelveology Zurich, Switzerland
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Mar 2006 – May 2008	Doctorate (PhD) in Gynecology Faculdade de Ciências Médicas da Santa Casa de São Paulo São Paulo, SP, Brazil
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Feb 2004 – Feb 2006	Residency in Obstetrics and Gynecology Irmandade da Santa Casa de Misericórdia de São Paulo São Paulo, SP, Brazil
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## QUALIFICATIONS, CERTIFICATIONS AND LICENSES

2017 – Present	Medical Licensure, CPSO (College of Physicians and Surgeons of Ontario), Registry #111.421
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2007 – Present	Specialist in Gynecological Endoscopy (Laparoscopy and Hysteroscopy), AMB (Brazilian Medical Association), Registry #093318
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2006 – Present	Specialist in Gynecology and Obstetrics, Diplomate of FEBRASGO (Brazilian Association of Gynecology and Obstetrics), TEGO #0411/2006
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2003 – Present	Medical Licensure, CREMESP (São Paulo State Board of Medicine), Licensure #113.015
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### 3. EMPLOYMENT

## CURRENT APPOINTMENTS

### UNIVERSITY

2017-Present	Professor, Department of Obstetrics and Gynecology, Faculty of Medicine, University of Toronto, Toronto, ON, Canada.
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2021-Present      Affiliated Professor, Department of Gynecology, Paulista School of Medicine,  
Federal University of São Paulo, São Paulo, Brazil.

### UNIVERSITY HOSPITAL

2017-Present      Staff Physician, Department of Gynecology, Women's College Hospital, Toronto,  
ON, Canada

2017-Present      Staff Physician, Department of Obstetrics and Gynecology, Mt. Sinai Hospital,  
Toronto, ON, Canada

2011-Present      Head of Pelvic Neurodysfunction Clinic of the Department of Gynecology of the  
Federal University of São Paulo  
*Description: Responsible for outpatient clinic and surgical schedule, developing  
teaching (fellows and residents) and research activities and being held fully  
responsible of surgical/clinical indications and follow-up. Currently, overseeing  
the service through e-presence when needed and with one physical site visit every  
2 months month. Senior Researcher Role.*

### PRIVATE PRACTICE

2016-Present      Associate Physician of Increasing Serviços Médicos Ltda.  
São Paulo, SP. Brazil.  
*Private Practice Clinic, where Dr. Lemos acts as an Associate Physician and  
Chairman of the Department of Gynecology and Neuropelveology.*

2006-2017      Associate Physician of Sant'Ana Assistência Médica Ltda.  
São José dos Campos, SP. Brazil.

### INDUSTRY

2024-Current      Speakers Bureau for Medtronic Inc.

2023-Current      Advisory Board for Integra Life Sciences Inc.

2023-Current      Speakers Bureau for Pfizer Inc.

2012-2020      Surgical Proctor and Speakers Bureau of Medtronic Inc.  
*Eventual contractor for specific proctorship activities.*

## PREVIOUS APPOINTMENTS

### UNIVERSITY

2011-2016	<p>Visiting Professor of the Latu Sensu Post-Graduate Extension Course in Minimally Invasive Gynecologic Surgery. School of Medical Sciences of Minas Gerais, Belo Horizonte, MG, Brazil.</p> <p><i>Description: this Latu Sensu CME course is designed for specialists aiming to develop their skills in minimally invasive gynecologic surgery. Dr. Lemos was responsible for delivering theoretical lectures and practical surgical training to Brazilian gynecologists.</i></p>
2010-2017	<p>Clinical Instructor Urogynecology Clinics of the Dept. of Gynecology of the Federal University of São Paulo. São Paulo, SP, Brazil.</p> <p><i>Description: responsible for the training of 2 Urogynecology Fellows and 2 residents under Urogynecology rotation. Co-responsible for an outpatient clinic and one surgical schedule (avg. 4 surgeries/week), developing teaching and research activities and being held fully responsible of surgical/clinical indications and follow-up.</i></p>
2006-2009	<p>Clinical Instructor Urogynecology Clinics of the Department of Obstetrics and Gynecology Santa Casa School of Medicine, Irmandade da Santa Casa de Misericórdia de SP São Paulo, SP, Brazil</p> <p><i>Description: responsible for the training of 4 medical students, 2 second-year and 2 third-year residents and 2 Urogynecology Fellows. Responsible for an outpatient clinic and one surgical schedule (avg. 4 suregeries/week), developing teaching and research activities and being held fully responsible of surgical/clinical indications and follow-up.</i></p>
2006-2009	<p>Invited Faculty of Post Graduate Course Climateric Women's Healthcare School of Public Healthcare and Sanitation University of São Paulo</p>
2001-2003	<p>Student League President Student League of Gynecologic Endoscopy Faculdade de Ciências Médicas da Santa Casa de São Paulo São Paulo, SP, Brazil</p>
2001-2003	<p>Student League President Student League of Gynecologic Endocrinology Faculdade de Ciências Médicas da Santa Casa de São Paulo São Paulo, SP, Brazil</p>

2000-2003	Student League Director Student League of Diabetes Mellitus Faculdade de Ciências Médicas da Santa Casa de São Paulo São Paulo, SP, Brazil
1999-2000	Student League Member Student League of Fetal Medicine Faculdade de Ciências Médicas da Santa Casa de São Paulo São Paulo, SP, Brazil

#### 4. HONOURS AND CAREER AWARDS

##### DISTINCTIONS AND RESEARCH AWARDS

##### INTERNATIONAL

December 2023	Chair's Award for Outstanding Research Potential. Department of Obstetrics and Gynecology, Temerty School of Medicine, University of Toronto. <i>This award recognizes an individual who has demonstrated outstanding dedication, ability, and research potential in the field of Obstetrics and Gynaecology.</i>
September 2023	Best Abstract Video Award, International Continence Society (ICS) awarded to – Bukhari Y, Sermer C, <b>Lemos N</b> . Combined Laparoscopic and Vaginal Radical Prolift Mesh Excision with Left Sacral Nerve Root Detrapment. <b>Senior Author</b>
March 2022	Honorary President of the Congress of the Brazilian Society of Endometriosis
Oct 2021	AUGS Innovation Lectureship Award, American Urogynecologic Society. <i>The AUGS Innovation Lectureship recognizes an individual who has contributed innovative leadership in urogynecology, specifically demonstrating excellence in the development of new techniques, technology, outcome measures, educational initiatives, product development and/or other activities that support the goals of this Lectureship.</i> This award was given in recognition to the work on the development of Neuropelveology and was celebrated with the conference entitled “Decoding DaVinci: clinical applications of laparoscopic neuroanatomy.”
Sep 2020	“Prêmio Euro” Award for Innovation in Medicine. <i>This was a Brazilian nationwide competition promoted by Eurofarma to award the 11 best healthcare initiatives in Brazil, from a total of 1650 applicants. Physicians from all specialties from all over the country voted for their favorite initiatives through an online voting system conducted by an independent agency and audited by a third one.</i> This award was given to the project “Rehabilitation of people with spinal cord injury through the laparoscopic implantation of neuroprosthesis.”

- Sep 2018 Best Abstract Video Award, International Continence Society (ICS) awarded to – Li A L K, Polesello G, Tokechi D, Cancelliere L, Sermer C, **Lemos N**. Prize award: best video abstract. Laparoscopic treatment of intrapelvic entrapment of sacral nerve roots by abnormal piriformis bundles causing sciatica, pudendal neuralgia, pelvic floor dysfunction, and lower urinary tract symptoms. *Neurourology & Urodynamics*. Wiley, 2018 v.37(S5) pS239-240. **Senior Author**
- Nov 2015 Award for the Best Video on Pelvic Pain, American Association of Gynecologic Laparoscopists (AAGL) awarded to LEMOS N, MORETTI R, OLIVEIRA ASB, VELOSO L, GIRÃO M. Laparoscopic Implantation of Electrodes for Bilateral Neurmodulation of the Pudendal Nerves and S3 Nerve Roots for the Treatment of Pelvic Pain and Voiding Dysfunction In: 44th AAGL Global Congress, 2015, Las Vegas. *Journal of Minimally Invasive Gynecology*. Elsevier, 2015. v.22. p.S17 (Best Video Award Winner) **Principal Author**
- Oct 2014 Best Video Abstract Award, International Continence Society (ICS) – awarded to LEMOS N, MORETTI R, OLIVEIRA ASB, VELOSO L, GIRÃO M. Laparoscopic Implantation of Electrodes for Bilateral Neurmodulation of the Pudendal Nerves and S3 Nerve Roots for the Treatment of Pelvic Pain and Voiding Dysfunction In: 44th AAGL Global Congress, 2015, Las Vegas. *Journal of Minimally Invasive Gynecology*. Elsevier, 2015. v.22. p.S17 **Principal Author**
- Mar 2014 Award for Outstanding Video Presentation, 2nd World Symposium of Endometriosis, Atlanta, GA, USA – Lemos N, D'Amico N, Marques R, Kamergorodsky G, Schor E, Girão MJ. Recognition and treatment of endometriosis involving the sacral nerve roots. *Int Urogynecol J*. 2016 Jan; 27(1):147-50. doi: 10.1007/s00192-015-2703-z. **Principal Author**
- Aug 2012 Honorary Corresponding Member of the Peruvian Society of Obstetrics and Gynecology, Peru.
- Aug 2011 Honorary Visitor of the City of Cuzco, Peru.
- 2009-2010 Marquis Who's Who in Medicine and Healthcare, USA.
- Jun 2009 Best Oral Presentation. *Prospective Randomized Trial of Uterine Prolapse Reconstruction with Polypropylene Mesh comparing hysterectomy and hysteropexy*. 23<sup>rd</sup> Obstetrics and Gynecology Congress of the School of Medical Sciences of Santa Casa de Misericórdia de São Paulo, Brazil. **Co-Principal Author**.
- 2008-2009 Análise de Medicina Award: os Mais Admirados da Medicina (*Most Admired in Medicine*), Analise Editorial, Brazil

## 5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

### PROFESSIONAL ASSOCIATIONS

2019-Present	SOGC – Society of Obstetrician and Gynecologists of Canada
2017-Present	CSPM – Canadian Society of Pelvic Medicine
2017-Present	AUGS – American Urogynecology Society
2017-Present	OMA – Ontario Medical Association
2016-Present	ICI – International Consultation for Incontinence
2015-Present	ISON – International Society of Neuropelvelogy
2014-Present	ALAPP – Latin-American Association of Pelvic Floor Dysfunction
2011-Present	SBE – Brazilian Society of Endometriosis
2009-Present	ISPP – International Society of Pelviperineology
2009-Present	AAGL – American Association of Gynecologic Laparoscopists
2006-Present	ICS – International Continence Society
2006-Present	IUGA - International Association of Urogynecology
2006-Present	FEBRASGO – Brazilian Association of Obstetrics and Gynecology
2004-Present	SOGESP – São Paulo State Society of Obstetrics and Gynecology

### ADMINISTRATIVE ACTIVITIES

#### European Society of Gynecologic Endoscopy

2024-Present	Member of the Special Interest Group in Neuropelvelogy
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#### International Federation of Gynecology and Obstetrics (FIGO)

2021-2023	Member of the Minimal Access Surgery Committee
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#### American Association of Gynecologic Laparoscopists (AAGL)

2020-Present	Endometriosis Centers Task Force
2019-2021	Director at Large (Trustee)

#### Brazilian Society of Endometriosis (SBE)

2019-Present	Director of International Affairs
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#### Society of Obstetricians and Gynecologists of Canada (SOGC)

2018-Present	Member of the Pelvic Pain and Endometriosis Guidelines Committee
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International Continence Society (ICS)

2022-2023	Co-Chair of the Scientific Committee
2017-2018	Director of the School of Pelvic Pain
2016-2018	Member of the Publications Committee
2012-2016	Member of the Scientific Committee
2013-2016	Chairman of the Scientific Committee

International Society of Neuropelveology (ISON)

2022-2023	Founding Member and President
2020-2022	Founding Member and 1 <sup>st</sup> Vice President
2015-2020	Founding Member and 2 <sup>nd</sup> Vice President

Asociación Latinoamericana de Piso Pélvico [*Latin American Pelvic Floor Association*] (ALAPP)

2014-2019	Founding Member and Chairman of the Scientific and Education Committee
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Association of Obstetrics and Gynecology of the State of São Paulo (SOGESP)

2012-2016	Chairman of the Information Technology Committee
2010-2016	Member of the Publications Committee

Women's College Hospital

May 2017-2022	Counsellor of the Medical Staff Association
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Mt Sinai Hospital

May 2018-Present	Member of the OR Review Committee
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**PEER REVIEW ACTIVITIES**

***EDITORIAL BOARDS***

Associate Editor

2010-2017	Pelviperrineology (ISSN 1973-4905)
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***GRANT REVIEWS***

Nov 2019	Women's College Hospital Innovation Grant
Mar 2019	Departmental Grant and Tolnai Grant, Dept. of Obstetrics and Gynecology, Mt. Sinai Hospital, Toronto, Canada
2009-2010	FAPESP [São Paulo State Institute of Research], São Paulo, Brazil. Number of Reviews: 9



## MANUSCRIPT REVIEWS

2018-Present	American Journal of Obstetrics and Gynecology ISSN: 0002-9378
2018-Present	Journal of Minimally Invasive Gynecologic Surgery ISSN: 1553-4650
2017-Present	PLOS ONE ISSN: 1932-6203
2017-Present	Journal of Endometriosis and Pelvic Pain Disorders ISSN: 2284-0265 - e-ISSN: 2284-0273
2017-Present	Neurourology and Urodynamics ISSN: 1520-6777
2016-Present	Journal of Urology and Research ISSN: 2379-951X
2015-Present	Autonomic Neuroscience: Basic and Clinical ISSN: 1566-0702
2010-Present	São Paulo Medical Journal ISSN: 1806 -9460
2009-2014	Revista da Associação Médica Brasileira ISSN: 0104-4230
2007-Present	International Urogynecology Journal ISSN: 0937-3462 (Print) 1433-3023 (Online)

## C. Academic Profile

### 1. RESEARCH STATEMENT

Over the course of the 20<sup>th</sup> century, we have witnessed the development of medical specialties, based on the assumption that the volume of medical knowledge had grown beyond what could be handled by a single human mind. The method used for this sectorial division was based on organic systems – Urology was the specialty dedicated to the study of the urinary tract, Nephrology to the kidneys, Gastroenterology to the GI tract, Gynecology to the female reproductive system, and so on.

This specialization process resulted in fast evolution of our understanding of the physiology of these systems, as well as the pathophysiology of conditions affecting them, with an unprecedented velocity. Collaterally, however, it has limited our ability to think outside our “specialty box”, limiting our capacity of understanding conditions that either combinedly affect different systems or produce symptoms on a system diverse from the

one they affect. This restricted vision has generated grey areas of medical knowledge gaps, that need to be covered by a cross-disciplinary understanding of such conditions.

My research strategy is based on this cross-disciplinary vision of Pelvic Medicine, which can be summarized in two main fields: development of integrated cross-disciplinary methods for the diagnosis and management of pelvic floor disorders, and Neuropelveology and the clinical applications of the laparoscopic approach to intrapelvic nerve bundles.

The impact of my work is demonstrated by his 16 peer-reviewed publications and more than 130 invited talks given at international events in the 5 years since my promotion to Associate Professor.

## DEVELOPMENT OF INTEGRATED CROSS-DISCIPLINARY METHODS FOR THE DIAGNOSIS AND MANAGEMENT OF PELVIC FLOOR DISORDERS

Since the beginning of my career in Urogynecology, I have tried to focus at covering the gaps left in interface areas – vaginal vs. laparoscopic approaches, integrating anorectal dysfunction in my assessments and treatment strategies and acquiring urological skills to offer patients a more holistic outcome.

My contributions to the field were impactful and resulted in several invitations to speak locally, nationally and internationally on outcomes research, anorectal dysfunction and the laparoscopic approach to pelvic organ prolapse.

My first publications in Urogynecology were on outcomes research, questioning the methods for the analysis of anatomical results in the published literature. The arguments were solid to the point that I got a non-invited opinion paper accepted at the International Urogynecology Journal pointing out such methodological flaws and suggesting an index (POP-Q-I) to analyze outcome data. We published two other papers on this project, validating the POP-Q-I and demonstrating its correlation with a condition specific quality of life questionnaire. This line of outcomes research granted me an invitation to participate as one of the leaders in a multicenter study conducted by IUGA's (the International Urogynecological Association) simplified POP-Q task force. This task force has produced a multicenter study, which resulted in two publications – I was the Principal Author for one and a Co-Principal Author for the other.

This cross-disciplinary approach attracted a lot of attention and ended up with my invitation to act as Scientific Chair in the successful bid for Rio de Janeiro to host the International Continence Society Meeting (ICS) meeting in 2014. My work in the Scientific Committee was extremely impactful; we completely revamped the scientific program grid to make it inclusive of all disciplines involved in pelvic health, so that every attendant would always have something within their scope going on in the program. This work was brought so much positive change that the two upcoming Scientific Chairs – Cara Tannenbaum (Montreal) and Naoki Yoshimura (Tokyo) – made a plea to the Board of Trustees to create an Elected Scientific Chair position, so I could help them assure continuity to these changes in the congresses to come. The Board heard their plea and invited me to step on as the first occupant of this position, developing its collaborative role with the now re-baptised Annual Scientific Chairs. The role of the Elected Chair was then determined to manage the long-term scientific goals of the ICS, while the Local Scientific Chair has the incumbency of adding a “local flavor” to the program. This model has stayed and left the ICS at an undisputed position as the leading society for pelvic floor dysfunction globally.

During this period, I was also invited to integrate the International Consultation for Incontinence, a group of KOLs with worldwide expression that proposes the standard of care and future directions of research in pelvic health, which is published in a comprehensive report book named “Incontinence”. I have co-authored two of the sessions in the 6<sup>th</sup> edition of this book, as well as on the upcoming 7<sup>th</sup> edition, as well as the International Consultation on Incontinence Research Society's committee report on Urodynamics.

I have also been the Co-Principal Author of one of the most cited papers in the literature on the risk of nerve damage during female pelvic reconstructive procedures. The recognition of the quality of my research resulted at an invitation to write an ICS Debate Article on Childbirth, modes of delivery and pelvic floor dysfunction. The Canadian Society for Pelvic Medicine also invited me to participate on the task force to co-author the Canadian Society of Pelvic Medicine Response to the Collège des Médecins du Québec Rapport d'Enquête. My cross-disciplinary approach to gynecologic subspecialties made me a global key opinion leader on nerve-sparing, prevention and management of pelvic dysfunction associated to radical pelvic surgery, with numerous publications and invited talks at a local, national and international levels.

## NEUROPELVEOLOGY AND THE CLINICAL APPLICATIONS OF THE LAPAROSCOPIC APPROACH TO INTRAPELVIC NERVE BUNDLES

It is long known that a large portion of the lumbosacral plexus is located intra-abdominally, in the deeper portions of the pelvis. However, the specialists that usually deal with peripheral nerve surgery (Neuros, Orthopedic and Plastic Surgeons) are not usually trained to operate in that space, which is better approached by laparoscopy. On the other hand, those who perform advanced laparoscopy (Gynecologists, Urologists and GI Surgeons) are not familiarized with peripheral nerve surgery.

This lack of combined skills has created a gap in Medical knowledge. Consequently, these intrapelvic nerve bundles have been predominantly neglected by all medical specialties. As a result, entrapments of these bundles are rarely diagnosed and patients suffer from sciatica, pudendal pain, urinary and anorectal symptoms for years without diagnosis or specific treatment.

Furthermore, as most surgeons are not trained to account for those nerve bundles, intraoperative damage is not uncommon, happening in about 5% of surgeries for the treatment of endometriosis or pelvic organ prolapse. In 2007, Possover et al described the Laparoscopic Neuronavigation (LANN) technique, opening the doors to accessing the intrapelvic portion of the lumbosacral plexus through a safe, minimally invasive and objective way. In 2010, I became the first to undergo a fellowship with Dr. Possover and, upon my return to Brazil, I have established this new research line and demonstrated the reproducibility of Possover's results. This demonstration of reproducibility has led to the development of a new discipline in medicine – named Neuropelveology – of which I have become one of the pioneers worldwide.

In 2017, I was recruited at MSH and WCH to help close this knowledge gap in Canada, through developing better diagnostic methods for issues on the intrapelvic nerve bundles, nerve-sparing techniques for surgical procedures at high risk of intrapelvic nerve damage and, last but not least, developing laparoscopic procedures for the rehabilitation of patients with neurologic conditions. During these five years, I have established this research line and increased visibility and the output of our program, developing projects in all three areas of Neuropelveology.

I have started an international collaboration with the University of Cambridge and the University of Bologna for the development of Hypogastric Nerve-based nerve sparing techniques for the treatment of endometriosis, with two papers published on this project. I have also developed a cadaveric teaching program for laparoscopic neuroanatomy, and assessed and published its effectiveness.

I have described anatomic variants of the Superior Gluteal Vessels and the piriformis muscles that can entrap the intrapelvic portion of the lumbosacral plexus and cause sciatica and pudendal neuralgia and published two papers on these topics as Principal Author and Senior Responsible Author, respectively.

I am also the Principal Author of the first paper in the literature assessing the correlation of MR Tractography and surgical findings in patients with intrapelvic nerve entrapments. I have also obtained the Tolnai Grant and completed recruitment for a case-control study on the diagnostic accuracy of MR Tractography – 10 cases and 10 controls have been scanned.

I have authored a paper on our Brazilian series of the laparoscopic treatment of intrapelvic nerve entrapments and are completing a case-control study on the use of bupivacaine an implanted pump for the infusion of ropivacaine at the site of nerve entrapment for the treatment of post-decompression neuropathic pain.

On this same line of research, we have established a RedCap repository where the data from Canadian patients submitted to LANN detrapments is being inputted and manuscripts from the data extracted from it will start to be submitted by the Winter of 2022.

I have also been invited to write the SOGC guidelines on Chronic Pelvic Pain, and invited to work as guest editor on an issue on Neuropelvolgology for the “Best Practice and Research in Obstetrics and Gynaecology” journal, which shows my national and international reach on Chronic Pelvic and Perineal Pain.

Dr. Tania Di Renna and I were co-applicants and have obtained the WCHAMG Innovation Grant for the project “Empowered waiting: a virtual care education solution for chronic pelvic pain patients waiting for specialist care”. We have developed an online pain education module with the objective of educating patients with chronic pelvic pain on our wait lists on their conditions and reduce the risk of catastrophizing. The modules have been deployed and are currently being tested.

I am also the Principal Applicant of another WCHAMG Innovation Grant, which aims at assessing if telehealth consults are non-inferior to in person consults for the diagnosis of chronic pelvic and perineal pain. The next step for this project is the development of an Artificial Intelligence diagnostic algorithm for chronic pelvic and perineal pain.

Due to my expertise in pelvic neuroanatomy, I have been invited to participate at an international collaboration with Temple University and Harvard Medical School to develop a laparoscopic nerve transposition procedure to restore bladder function to patients submitted to sacrectomies for the treatment of chordomas. Based on Temple’s previous studies in dogs, we have performed a feasibility study in human cadavers (manuscript under preparation) and obtained an NIH grant for the following phases of this study.

I am also the Principal Author of our study of 30 patients with spinal cord injury treated with the laparoscopic implantation of neuroprosthesis procedure at our Neuropelvelgology center in Brazil reporting 70% of patients managed to re-establish a walker-assisted gait; there were also improvements in urinary and faecal incontinence and sexual function. We have already started the next step of this project through a collaboration with neuroscientists for the development of virtual reality and neuroimaging techniques during the rehabilitation of these patients.

## RESEARCH PROJECTS

2021-Present

The impact of telemedicine on management of chronic pelvic and pudendal pain: lessons from the covid pandemic.

*Chronic pelvic and pudendal pain (CPPP) is a debilitating condition affecting about 20% of women of reproductive age. Despite its prevalence, it is a globally neglected health problem. In Ontario, there are only 3 CPPP management programs, and the wait times for patients can range from six months to two and a half years. Lengthy wait times for treatment lead to deterioration in patients’ health, functioning and quality of life.*

*The COVID-19 pandemic has limited the access to outpatient care across all specialties. On the other hand, the pandemic led to the rapid adoption and adaption of Telemedicine by many healthcare providers. In our Chronic Pain Clinic, telemedicine has allowed us to see more patients than usual and clear the backlog of patients waiting to be seen. Our initial impression is that most of the*

*patients can be diagnosed and receive an effective treatment plan without the need for an in person visit, while those who need an exam are seen much faster. The goal of this study is to determine if telemedicine is an effective way to diagnose and manage patients with CPPP, reduce wait times, and increase patient satisfaction and overall well-being.*

Status: Ongoing

Funding Source: WCH AFP Innovation Grant (\$15K)

2020-2024

Empowered waiting: a virtual care education solution for chronic pelvic pain patients waiting for specialist care.

*Description: Chronic pelvic pain (CPP) occurs in 20% of women of reproductive age and has a devastating impact on patients' personal and professional lives. Wait times to see a specialist are often over a year long; during this time there is often a marked decline of these patients function and quality of life. The aim of our study is to develop and test the feasibility and effectiveness of an online "Empowered Waiting" program designed to support CPP self-management while patients wait for care. This program is comprised of self-directed modules and exercises partnered with vignettes of patient stories and links to community resources. We will determine whether the Empowered Waiting program can be implemented as it was designed and whether it reduces pain-related disability and utilization of healthcare resources, enhancing pain coping, self-efficacy and chronic pain acceptance of CPP patients. Leveraging a virtual care approach, this project will be the essential first step that will allow us to assess the feasibility, acceptability, and effectiveness of such an intervention, thereby laying the groundwork for future scalability.*

Status: Completed

Funding Source: WCH AFP Innovation Grant (\$100K)

2019-Present

Peripheral nerve transpositions for urinary, anorectal and sexual rehabilitation in patients submitted to radical sacrectomy

*Description: This is a collaboration with Harvard University and the University of Philadelphia to develop nerve transposition procedures for urinary, anorectal and sexual rehabilitation in patients submitted to radical sacrectomy. The study comprises two phases: animal feasibility analysis (phase 1, completed by the Harvard and Philly teams), cadaver anatomical feasibility analysis (Phase 2) and initial case series (Phase 3)*

Status: Ongoing

- Phase 1 – Completed
- Phase 2 – Ongoing (Manuscript Preparation)
- Phase 3 – First Patient was operated

Funding Sources:

- Phase 1 – Harvard Grant
- Phase 2 – Harvard Grant
- Phase 3 – NIH

- 2018-Present      Development and implementation of a hypogastric nerve based autonomic preservation technique and teaching method for radical pelvic procedures.  
*Description: International collaboration with the University of Bologna for the development of reproducible nerve-sparing techniques based on using the hypogastric nerve as a landmark, followed by the development of a teaching tool for this method. The project comprises 3 phases: cadaver feasibility study (Phase 1), development of teaching material (Phase 2), testing of the teaching module (Phase 3)*  
Status: Ongoing  
– Phase 1 – Completed  
– Phase 2 – Ongoing  
– Phase 3 – not started
- 2019-Present      Targeted delivery of sodium channel antagonists delivered via implanted catheter systems for the treatment of post-decompression neuralgias  
*Description: This project aims at investigating the use targeted delivery of sodium channel blockers (local anesthetics) for the treatment of post-decompression pain secondary to intrapelvic nerve entrapments. The project is composed of 3 phases: an initial proof of concept case series (phase 1), a prospective open-label non-randomized controlled trial (phase 2), and a prospective cost-effective analysis (phase 3)*  
Status: Ongoing  
– Phase 1 – Manuscript was submitted. Major corrections suggested and being performed.  
– Phase 2 – Grant proposal submitted to CIHR  
– Phase 3 – not started  
Funding Sources:  
– Phase 1 – PI Resources  
– Phase 2 – CIHR Spring Competition  
– Phase 3 – to be defined
- 2018-Present      Clinical outcomes of intra-pelvic nerve detrapments  
Description: Observational study on pain and pelvic floor dysfunction outcomes in patients with intrapelvic nerve entrapments.  
Status: Recruiting  
Funding Source: Department of Obstetrics and Gynecology - Chair's Summer Students Award; Donor Funding
- 2017-Present      Development of a novel MRI protocol to diagnose pudendal nerve and other intrapelvic entrapment neuropathies  
*Description: This project is composed of three phases and aims to assess the accuracy of MR tractography in diagnosing intrapelvic nerve entrapments. Phase 1 is concluded and is a case series comparing radiological and surgical findings. Phase 2 is programmed to start in July 1<sup>st</sup> and is a prospective case-control pilot study with 10 cases and 10 healthy volunteers to allow for sample size calculation of Phase 3. Phase 3 will be a large case-controlled study to assess positive and*

*negative predictive values for MR tractography in diagnosing intrapelvic nerve entrapments.*

Status: Ongoing

- Phase 1 - completed; Manuscript published
- Phase 2 - Recruitment completed; data is currently being processed; phase 2 was delayed due to COVID crisis

Funding Sources:

- Phase 1 – PI resources
- Phase 2 – Tolnai Research Grant
- Phase 3 – to be defined based on sample size and cost estimates

2015-Present

Impact of the laparoscopic implantation of neuromodulators on bladder, bowel, sexual and vasomotor functions, pelvic floor muscle and lower limbs spasticity and sleep quality in people with spinal cord injury

*Description: In this study, we will seek to evaluate, by means of a randomized clinical trial, the effectiveness of this intervention on functional rehabilitation of the pelvic organs and on the muscle mass/strength gain in the lower limbs when compared to standard rehabilitation interventions of the Department of Neurology and Neurosurgery of Universidade Federal de São Paulo (UNIFESP).*

Status: Ongoing

Funding Sources:

1. Medtronic® Inc. External Research Program (Investigator Initiated Research)
2. Associação Paulista para o Desenvolvimento da Medicina (NGO)
3. Direct donations from individuals

2006-2009

Multicenter IUGA trial for the Validation of the Simplified Prolapse Quantification System (SPOP-Q)

*Description: This multicenter trial Validated the SPOP-Q by means of assessing the Inter-Observer and Intra Observer Correlation of measurements.*

Status: Finished and Published

Funding Source: IUGA Simplified POP-Q Task Force

2006-2009

Polypropylene mesh vs. Site-specific repair in the treatment of anterior vaginal wall prolapse: randomized controlled trial

*Description: The objective of this RCT was to compare anatomical and quality of life results of polypropylene mesh and site-specific repair of anterior wall prolapses.*

Status: Finished and Published

Funding Sources:

1. Promedon® External Research Program
2. CAPES – Coordenação de Aperfeiçoamento de Pessoal de Ensino Superior (Government Agency)

2006-2008

Inter-Observer, Intra-Observer and Clinical Validation of the Pelvic Organ Prolapse Quantification Index.

*Description: The objective of this study was to assess the Inter-Observer and Intra-Observer, and correlation with quality of life of the Pelvic Organ Prolapse Quantification Index*

Status: Finished and Published

Funding Source: CAPES – Coordenação de Aperfeiçoamento de Pessoal de Ensino Superior (Government Agency)

2006-2008

Transvaginal polypropylene mesh versus sacrospinous ligament fixation for the treatment of uterine prolapse

*Description: The objective of this study was to compare the anatomical and quality of life outcomes of a posterior polypropylene mesh kit versus sacrospinous ligament fixation at the time of hysterectomy for the treatment of uterine prolapse.*

Status: Finished and Published

Funding Sources:

1. Promedon® External Research Program
2. CAPES – Coordenação de Aperfeiçoamento de Pessoal de Ensino Superior (Government Agency)

## 2. TEACHING PHILOSOPHY

My Teaching Philosophy is based on building concepts from scratch, believing that solid anatomic, physiologic and pathophysiologic concepts are key for continued learning. Knowledge in Medicine is at continuous change, yet these concepts are the only steady ground on which a healthcare professional can stand. With that in mind, I design all my teaching activities with an initial leveling on all the basic concepts involved in the subject, progressively adding information to make all conclusions logic. Therefore, it is the in depth understanding of pelvic anatomy and physiology, especially neuroanatomy, that leads the development of my strategy for effective teaching.

Syndromic diagnoses are currently becoming more and more frequent. Diagnosing syndromic conditions and treating symptoms, aiming to promote quality of life has become common medical practice nowadays. This is opposed to what is originally taught in medical schools, where we physicians are trained to start our diagnostic workup by fitting the symptoms and signs into a syndromic diagnosis, then looking for which dysfunctional organ or tissue is causing those symptoms – the topographic diagnosis – and, finally, find out what is making that tissue/organ dysfunctional – the etiological diagnosis. We were also taught that only after the etiological diagnosis was made it was possible to prescribe a specific treatment that could cure the disease and end the symptoms permanently. Therefore, only treating the symptoms was not enough; we are supposed to obsessively look for the etiology of symptoms and give the patients a definitive solution to their problems. You can only name a condition as disease when you find an etiology to it – before that, all you have is a bunch of signs and symptoms, which we call a syndrome. However, a closer look at the literature makes it obvious that syndromic diagnoses, based on unspecific diagnostic criteria, are progressively being given the rank of disease and research much more focused on symptoms treatments instead of looking and describing the many possible topographies and etiologies originating those symptoms. This is the case of not only of OAB and BPS/IC, which are common in our specialties, but also fibromyalgia, IBS and a lot more. The name OAB infers that the problem is in the bladder and alleviates our frustration for not finding the etiology of the condition, but, in the end of the day, do our patients really benefit from this diagnosis?



I believe this problem is a consequence of the current teaching/assistance model, which divides Medicine in specialties according to organic systems. Such model has been developed in the 20<sup>th</sup> century to make it humanly possible to deal with the growing volume of information. However, it has reached its limit and fails to diagnose and treat diseases from one system affecting others. These are, therefore, the next frontier for innovation in medicine, which holds the biggest opportunities for research and the greatest needs for developing teaching techniques. This concept is the key to the success of the Post-Graduate and Faculty Education events I have organized, where the in depth knowledge of pelvic anatomy and physiology is the basis for the teaching strategy, to help professionals break the knowledge barriers created by the education model into which they were trained in order to further understand and break the new frontiers in medical care and research.

Currently, these post-graduate courses are in expansion, with broader and also more specialty-oriented options being made available. Aiming to cover the knowledge gaps created by the current specialty division of Medicine, we are bringing together a growing number of specialties involved at pelvic pain and diseases of the lumbosacral plexus. Currently, our courses Faculty pool and Organizing Committees include, gynecologists, urologists, colorectal surgeons, pelvic physiotherapists, neurosurgeons, hip surgeons and basic anatomists and physiologists. Several course options are now available in a span of 9 days, ranging from a medium level to a more advanced pelvic surgery, to nerve-sparing techniques for the advanced laparoscopic, hip and neurosurgeon, to advanced anatomic-mechanic-physiological think tanks for researchers to develop their next research questions.

### **3. CREATIVE PROFESSIONAL ACTIVITIES STATEMENT**

My CPA work can be summarized in three main fields:

- development and dissemination of integrated cross-disciplinary skills for the management of pelvic floor disorders
- development and dissemination of Neuropelveology as a new discipline and the clinical applications of the laparoscopic approach to intrapelvic nerve bundles
- developing cross-disciplinary diagnostic and treatment techniques for chronic pelvic and perineal pain.

### **DEVELOPMENT AND DISSEMINATION OF INTEGRATED CROSS-DISCIPLINARY SKILLS FOR THE MANAGEMENT OF PELVIC FLOOR DISORDERS**

Since the beginning of my career in Urogynecology, I have tried to focus at covering the gaps left in interface areas – vaginal vs. laparoscopic approaches, integrating anorectal dysfunction in my assessments and treatment strategies, and acquiring urological skills to offer patients a more holistic outcome. To achieve this goal, I started performing outcomes research, looking for anatomical variables that correlated with cross-disciplinary functional outcome measures.

Based on this outcomes research I was extended an invitation to participate as one of the leaders in a multicenter study conducted by IUGA's (the International Urogynecological Association) Simplified Pelvic Organ Prolapse Quantification task force, which was my first international collaboration.

As my international reputation grew, I was invited to act as Scientific Chair in the successful bid for Rio de Janeiro to host the International Continence Society Meeting (ICS) meeting in 2014. My work in the Scientific Committee was extremely impactful; in order to strengthen the cross-disciplinary approach necessary for the care of pelvic floor disorders, I have led a complete restructuring of the scientific program grid to make it inclusive of all disciplines involved in pelvic health, so that every attendant would always have something within their scope

going on in the program. This work brought so much positive change that the Board of Trustees decided to create an Elected Scientific Chair position, to assure continuity to these changes in the congresses to come, and invited me to step on as the first occupant of this position, which I held for three, developing its collaborative role with the now re-baptised Annual Scientific Chairs. The role of the Elected Scientific Chair was then determined to manage the long-term scientific goals of the ICS, while the Annual Scientific Chair has the incumbency of adding a “local flavor” to the congress program. This model has stayed and left the ICS at an undisputed position as the leading society for pelvic floor dysfunction globally.

During this period, I was also invited to join the International Consultation for Incontinence, a select group of key opinion leaders with worldwide expression that proposes the standard of care and future directions of research in pelvic health that serve as a policy making reference for ministries of health, insurance regulators and research funding agencies worldwide. These recommendations are published periodically in a guidelines-like book named incontinence “Incontinence” book. I have co-authored two sections of the 6<sup>th</sup> edition of “Incontinence” as well as the upcoming 7<sup>th</sup> edition.

In 2015 I spearheaded with Paulo Palma (Urologist), Alejandro Tarazona (Urologist), Lucia Oliveira (Colorectal Surgeon), Virginia Roncatti (Gynecologist) and Simone Botelho (Pelvic Physiotherapist) the foundation of the Latin American Pelvic Floor Association (ALAPP; [www.alapp.org](http://www.alapp.org)). I was the Scientific and Education Chair of ALAPP from its foundation in 2015, to March 2018, and made sure that these values of cross-disciplinary interchange of knowledge guided the construction of all educational programs at ALAPP, making sure that as many professions and disciplines, from as many Spanish and Portuguese speaking countries as possible were participated as faculty. I have organized its three inaugural congresses (Bogotá 2016 – 450 attendees, São Paulo 2017 – 650 attendees, Mexico City 2018 – 700 attendees, and Santiago – 700 attendees). I can proudly say that we have successfully created a democratic, multidisciplinary and effective society, which continued to grow after our terms were over. ALAPP has quickly become the main hub for education and science in pelvic health in Latin America.

In January 2017 I was recruited by the Department of Obstetrics and Gynecology of Mount Sinai and Women’s College Hospitals and quickly became a national reference for complex Urogynecologic surgery and treatment of complications of surgery for incontinence and pelvic organ prolapse. With less than one year practicing in Canada, I was already receiving complex referrals from urogynecologists from all over the country. In 2021, I was appointed by the Canadian Society of Pelvic Medicine to constitute the group of national leaders in Urogynecology to write a response letter to the *Collège des Médecins du Québec Rapport d’Enquête* on midurethral slings. This initiative was key to preventing a ban on the state-of-the-art treatment for stress urinary incontinence, which had already happened in the UK, Ireland and New Zealand, and is now progressively being reverted.

I have also spared no educational efforts through IUGA, the Canadian Society for Pelvic Medicine and the International Continence Society. I have given talks at educational workshops and conferences in all of these societies, organized educational workshops at the ICS and IUGA and I have served at the AUGS Clinical Meeting (AUGS’ main educational event) since 2019.

In recognition of my contributions to the specialty, I was also the recipient of the prestigious Innovation Lectureship Award, from the American Urogynecological Association, in 2021. The AUGS Innovation Lectureship Award honors an individual who has demonstrated innovation in urogynecology, specifically demonstrating excellence in the development of new techniques (including diagnostic techniques), technology, outcome measures and educational initiatives (<https://www.augs.org/about/augs-innovation-lectureship-award/>). This honour confirms the international peer recognition of my contributions to Urogynecology.

## DEVELOPMENT AND DISSEMINATION OF NEUROPELVEOLOGY AS A NEW DISCIPLINE AND THE CLINICAL APPLICATIONS OF THE LAPAROSCOPIC APPROACH TO INTRAPELVIC NERVE BUNDLES

It is long known that a large portion of the lumbosacral plexus is located intra-abdominally, in the deeper portions of the pelvis. However, the specialists that usually deal with peripheral nerve surgery (Neuro, Orthopedic and Plastic Surgeons) are not usually trained to operate in that space, which is better approached by laparoscopy. On the other hand, those who perform advanced laparoscopy (Gynecologists, Urologists and GI Surgeons) are not familiarized with peripheral nerve surgery.

This lack of combined skills has created a gap in medical knowledge. Consequently, these intrapelvic nerve bundles have been predominantly neglected by all medical specialties. As a result, entrapments of these bundles are rarely diagnosed and patients suffer from sciatica, pudendal pain, urinary and anorectal symptoms for years without diagnosis or specific treatment.

Furthermore, as most surgeons are not trained to account for those nerve bundles, intraoperative damage is not uncommon, happening in up to 41% of surgeries for the treatment of endometriosis and in 7% of vaginal hysterectomies pelvic organ prolapse.

In 2007, Possover et al described the Laparoscopic Neuronavigation (LANN) technique, opening the doors to accessing the intrapelvic portion of the lumbosacral plexus through a safe, minimally invasive and objective way. This has led to the development of a new discipline in medicine, named Neuropelveology. In 2010, I became the first fellow trained by Prof. Possover and have ever since been pioneering Neuropelveology worldwide.

Back in Brazil, in 2011, I began creating a multidisciplinary team specialized in Neuropelveology. I have collaborated with physiatrists, neurologists, urologists, colorectal surgeons, physiotherapists (neurologic, pelvic, motor and respiratory), psychologists, psychiatrists and occupational therapists, to create the first multidisciplinary Neuropelveology center in the world, the Institute for Care and Rehabilitation in Neuropelveology and Gynecology (Increasing), in São Paulo, Brazil. Our model of integrated care became the standard for the rehabilitation of patients undergoing laparoscopic nerve detrapments or the Possover-LION (Laparoscopic Implantation of Neuroprosthesis) procedure, a procedure entails the implantation of a neurostimulator to the pudendal, sciatic and femoral nerves, for the rehabilitation of paraplegic patients. We have been visited by several chairpersons of centers looking at implementing our model for the Possover-LION procedure in Germany, Argentina, Denmark, Norway and Mexico, and all of them are currently implementing our model at their institutions – a clear demonstration of the CPA Exemplary Clinical Practice.

Data show that pelvic nerve damage occurs in about 7% of women undergoing vaginal hysterectomy for uterine prolapse and up to 41% of women undergoing endometriosis surgery. Right out of fellowship I have dedicated myself to developing teaching models for laparoscopic neuroanatomy and nerve-sparing pelvic surgery. I have ever since jumped on any opportunity to talk about this topic at all possible conferences and educational activities, building a reputation that spread out rather quickly, in total I have given more than 50 international presentations on this topic.

Already in 2013, I was invited by the prestigious AAGL (American Association of Gynecologic Laparoscopists) to chair a cadaver workshop on pelvic neuroanatomy during their Global Congress. The course sold out in less than two weeks. It was a challenging experience as I had to develop a dissection program and prepare a team of ten faculty members with no specific training in pelvic neuroanatomy to teach 29 attendants. The course was very well evaluated and 17 of the 22 attending gynecologists who responded the survey had never

been in touch with pelvic nerves dissection were able to identify and dissect the intrapelvic nerve bundles, proving the effectiveness of the step-by-step methodology I designed.

In 2015, I have designed the methods and organized the “Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis”, at the Practical Anatomy and Surgical Education Center at Saint Louis University, a cadaveric dissection program that is now going to its 6<sup>th</sup> edition and has trained over 200 gynecologic, urologic and colorectal surgeons from 20 different countries in its 5 editions. We have systematically assessed its teaching effectiveness and the results were published at BMC Medical Education (IF=2.46). Since its third 3rd edition it has been delivered in three different languages – English, Portuguese and Spanish, increasing its international impact. In this 6th edition, we have designed an even broader cross-disciplinary course, in collaboration with Peripheral Neurosurgeons from Harvard (Boston, MA, USA), Hip Surgeons from Baylor Hip Preservation Center (Dallas, TX, USA), and physiotherapists from Pelvic Health Solutions (Toronto, Canada). This new course is an add-on to the Laparoscopic Neuroanatomy one and is designed to foster collaboration and skills transfer between all disciplines dealing with lumbosacral plexus pathologies, where faculty from each of these disciplines will demonstrate the rationale for their approaches in theoretical lecture and live dissections; attendants will be divided into teams members from each different discipline to repeat those dissections in the lab. This innovative platform has never, to my knowledge, been trialed before and I can’t wait to see its results.

To expedite the spread of nerve-sparing techniques, I sought out to develop a more easily reproducible method for “basic nerve sparing surgery”, which would not demand for a cadaveric facility to be taught. To achieve that, I have started an international collaboration with the University of Cambridge and the University of Bologna for the development of Hypogastric Nerve-based nerve sparing techniques for the treatment of endometriosis. We started with an initial study assessing the anatomical variability of the hypogastric nerve and determined that it is a reliable landmark for pelvic nerve-sparing surgery (published at JMIG – IF= 4.137). We then created an educational video which was published in the same journal teaching readers on how to use the hypogastric nerves as their dissection limit in laparoscopic surgery – the video teaches the reader to identify and dissect the hypogastric nerves, as well as how to use them as dissection limits – dissection medially and anteriorly to the nerves is safe, while dissection laterally and posteriorly to those nerves bears a high risk of nerve injury.

I have also collaborated with Dr. Ricardo Ferreira, in São Paulo, Brazil, for the development of the technique for using intraoperative neurophysiological monitoring in pelvic surgeries. Dr. Ferreira and I have worked together to develop the instrumentation for intraoperative nerve stimulation, selecting the target muscles to be monitored and the parameters to be analyzed and monitored. The use of this technique is anticipated to avoid intraoperative somatic nerve damage. This technique has been published in a book chapter and we are analyzing its outcomes for publication in a specialized journal.

I have also been collaborating with Drs. Jay Wunder and our team of sarcoma surgeons on the development of nerve-sparing techniques for the resection of pelvic sarcomas and chordomas. We are currently the only program in North America to offer laparoscopic-assisted resection of such malignancies. This laparoscopic approach allows for the interruption of the blood supply to the pelvic malignancies in preparation to resection, reducing bleeding by about two thirds; we can also dissect the nerve bundles around the tumors and guide the orthopedic saws and chisels laparoscopically, reducing the risk of damage to the surrounding structures, especially the lumbosacral nerves, therefore reducing the overall procedure morbidity.

In 2017, I was recruited at MSH and WCH to help close the knowledge gap on intrapelvic nerve entrapments in Canada. I was the first to offer this kind of care in Canada and have stopped the outflow of healthcare dollars for out of the country care of patients with these conditions.

In 2019, I have been invited to an international collaboration with Temple University and Harvard Medical School to develop a laparoscopic nerve transposition procedure to restore bladder function to patients submitted to sacrectomies for the treatment of chordomas. Based on Temple U's previous studies in dogs, we have envisioned the procedure and performed a feasibility study in human cadavers (manuscript under review) and the first patient has been operated in September 2021. We have now obtained an NIH grant to develop the robotic procedure for these nerve transpositions – the use of robotics will make the procedure reproducible by more surgeons, as the learning curve of robotic surgery is much shorter than that of conventional laparoscopy.

Gluteal pudendal and sciatic pain have traditionally been studied by spine, hip and peripheral nerve surgeons. Since these specialist do not have training in advanced pelvic surgery, the intrapelvic conditions that cause such symptoms have never been thoroughly studied before the development of Neuropelveology. I have made significant contributions to narrow this gap through my studies on the diagnosis and treatment of intrapelvic nerve entrapments.

I have described anatomic variants of the Superior Gluteal Vessels and the piriformis muscles that can entrap the intrapelvic portion of the lumbosacral plexus and cause sciatica and pudendal neuralgia and published two papers on these topics as Primary Author and Senior Responsible Author, respectively. We have also performed a cadaver study looking at the prevalence of such anatomical variants and the manuscripts are under preparation.

I was also the principal author of a paper reporting the outcomes of our Brazilian series of the laparoscopic treatment of intrapelvic nerve entrapments; this is the second largest cohort of patients submitted to LANN detrapment in the literature.

In the above study, we observed that 50% of patients experienced some degree of residual pain after undergoing a LANN detrapment. I then hypothesized that targeted therapy delivery of local anesthetics at the very spot where the detrapment was relieved could potentially alleviate those symptoms without the side effects frequently observed with the medical management of neuropathic pain. I have therefore designed a case-control study to test this hypothesis. We have completed recruitment for this study and the results are being analyzed for publication.

On this same line of research, we have established a RedCap repository where the data from Canadian patients submitted to LANN detrapment is being inputted and manuscripts from the data extracted from it will start to be submitted by the Winter of 2022/2023. Based on these results, we plan to submit a CIHR grant proposal for a randomized, double-blind, placebo-controlled, crossover trial on this subject.

I am also the first in Canada to offer laparoscopic excision of benign nerve sheath tumors (Schwannomas, neurofibromas etc.) of the anterior division of the lumbosacral plexus. Before this option was available, these patients would only be offered surgery when malignant transformation was suspected, or when the pain resulting from tumoral compression was incapacitating. This was because only such extreme conditions would justify the extremely invasive options available until then, either by laparotomy or a trans-sacral approach. These patients are now referred for excision at the very moment they become symptomatic, and have their tumors treated through a minimally invasive laparoscopic procedure, performed as a day-surgery.

On the diagnosis of intrapelvic nerve entrapments, I was the Primary Author of the first paper in the literature assessing the correlation of MR Tractography and surgical findings in patients with intrapelvic nerve entrapments. As a sequence for this project, we have obtained the Tolnai Grant and completed recruitment for a case-control study on the diagnostic accuracy of MR Tractography – 10 cases and 10 controls have been scanned. This data will provide the fundamental elements for a CIHR submission on a larger-scale study. This project has the potential of solving a long-term problem in studies and the management of patients with pudendal neuralgia,

sciatica and gluteal pain: lack of a conclusive and accurate diagnostic test. To this date, diagnosis of such nerve entrapments is extremely challenging and based on a combination of a series of tests and procedures.

### *Developing cross-disciplinary diagnostic and treatment techniques for chronic pelvic and perineal pain*

Dealing with neuropathic pain has resulted at my practice becoming a major referral center for refractory and atypical pelvic and perineal pain. The lessons learned from assessing this patient population has driven me to seek collaborations with multiple specialties dealing with this condition: hip, spine, vascular, colorectal and neurosurgeons, chronic pain management specialists, neurologists, urologists, pain interventionists, physiatrists, among many others. Through this collaboration and the cross-disciplinary view it provided me, I have managed to develop a multi-system / multi-layer assessment to chronic pelvic pain.

This approach has attracted a lot of attention, and, because of that, I have been invited to speak at conferences and participate in think tanks among many of those specialties, collaborating to and further enhancing my understanding of their perspectives on chronic pelvic pain. These skills for differential diagnosis have granted me worldwide reputation and resulted in dozens of invitations to speak about differential diagnosis of chronic pelvic pain.

This reputation has also resulted at my invitation to co-author the national Society of Obstetrician and Gynecologists of Canada guidelines on Chronic Pelvic Pain, and to work as guest editor on an issue on Neuropelvelogy for the “Best Practice and Research in Obstetrics and Gynaecology” journal, an international speciality journal which shows my national and international reach on Chronic Pelvic and Perineal Pain.

To disseminate this approach to the differential diagnosis and management strategy to chronic pelvic and perineal pain, I have designed and organized the webinar “Assessment of Pelvic & Perineal Pain” on November 19 2021. The webinar included a thorough panel discussion with Tania DiRenna (Pain Specialist), Keith Jarvi (Urologist), David Flamer (Pain Interventionist), Wendy Carter (Psychologist), Celeste Corkery (Pelvic Physiotherapist), Oleg Safir (Hip Surgeon), Sami Chadi (Colorectal Surgeon), Suzanne Elepano (Family Physician) and Jonathon Solnik (Gynaecologist), ensuring cross-disciplinary knowledge transfer. The event attracted 251 Family MDs and general Ob/Gyn with extremely positive teaching reviews.

The COVID pandemic, its lockdowns and the resulting flexibilization of telehealth has given me the opportunity of testing my idea that 90% of the diagnosis of chronic pelvic and perineal pain can be made with only a good anamnesis. To test this hypothesis, we have obtained a WCH AFP Innovation Grant for a study looking at the diagnostic efficacy of telehealth consults. Data collection is ongoing and, if telehealth consults are shown to be non-inferior to in person consults, the next step for this study will be the development of an artificial intelligence platform for the diagnosis of chronic pelvic and perineal pain.

Dr. Tania Di Renna and I were co-applicants and have obtained the WCH AFP Innovation Grant for the project “Empowered waiting: a virtual care education solution for chronic pelvic pain patients waiting for specialist care”. We have developed an online pain education module with the objective of educating patients with chronic pelvic pain on our wait lists on their conditions and reduce the risk of catastrophizing. The modules have been deployed and are currently being tested.

## D. Research Funding

### 1. GRANTS, CONTRACTS AND CLINICAL TRIALS

#### PEER-REVIEWED GRANTS

2024	Jean Davey Honorary Trust Fund Reimbursements of travel expenses for the AAGL International Congress (Nashville) Role: Delegate Amount: \$3,347.62CAD
2024	Marion Hillard Trust Fund Reimbursement of travel expenses for the FIGO (Paris) and ESGE (Brussels) conference. Role: Roundtable Speaker Amount: \$3,713.56CAD
2023	MSH Departmental Ob/Gyn grant – 2023 Paul Bernstein Award Project Title: The Laparoscopic Nerve Sparing Ultralateral Resection (LaNSURe) Technique for parametrial endometriosis: A retrospective review of a novel approach to excisional surgery. Status: Ongoing Role: Supervisor Amount: \$10,000CAD
2023	MSH Departmental Ob/Gyn grant – 2023 Harold Drutz Award Project Title: Impact of long-term antimicrobial treatment of patients with Chronic Recalcitrant Cystitis. Status: Ongoing Role: Supervisor Amount: \$10,000CAD
2023	Chair's Summer Student Award, Department of Obstetrics and Gynecology, Mount Sinai Hospital Project Title: Long-term antimicrobial therapy for the treatment of chronic recalcitrant cystitis – a retrospective cohort Role: Mentor Student: Robert Kloosterman Amount: \$5,500CAD

2021-2023	National Institutes of Health - NINDS Exploratory Neuroscience Research Grant Project Title: Nerve transfer for urinary bladder reinnervation: Organ donor and cadaver studies Role: Collaborator Principal Investigator: Michael Ruggieri (Temple University) Amount: \$275,000
2021	Chair's Summer Student Award, Department of Obstetrics and Gynecology, Mount Sinai Hospital Project Title: The Impact of Telemedicine on Management of Chronic Pelvic and Pudendal Pain: Lesson from the COVID Pandemic Role: Mentor Student: Zikra Awosanmi Amount: \$5,500CAD
2021-2022	WCHAMSG Innovation Grant Project Title: The Impact of Telemedicine on Management of Chronic Pelvic and Pudendal Pain: Lesson from the COVID Pandemic Status: Ongoing Amount: \$14,009 CAD Role: Principal Investigator
2020-2022	Departmental Grant, Department of Obstetrics and Gynecology of Mount Sinai Hospital Project Title: Gabapentin/baclofen compounded suppository effect on myofascial pelvic pain: a retrospective cohort Investigator Status: Ongoing Amount: \$10,000 Role: Principal Investigator
2020-2022	WCHAMSG Innovation Grant Project Title: Empowered waiting – a virtual care education solution for chronic pelvic pain patients waiting for specialist care. Status: Ongoing Amount: \$95,000 ( <i>per annum</i> : \$47,500) Principal Investigator: Tania Di Renna Role: 2 <sup>nd</sup> Principal Applicant
2018	Chair's Summer Student Award, Department of Obstetrics and Gynecology, Mount Sinai Hospital Project Title: Laparoscopic neuronavigation for the treatment of intrapelvic nerve entrapments – Results and predictors of clinical outcomes in the first Canadian cohort Role: Mentor Student: Lyon Qiao Amount: \$5,500CAD



- 2020 Jean Davey Honorary Trust Fund, Women's College Hospital  
Reimbursement of expenses to the Annual Meeting of the Latin American Pelvic Floor Association, Cartagena, Colombia  
Amount: \$500 CAD
- 2020 Marion Hilliard Trust Fund Award  
Reimbursement of expenses for participating at the Reconstructive Neurosurgery Course. Dept. of Neurosurgery, Harvard Medical School. Cape Cod, MA, USA, 2019.  
Amount: \$1,000 CAD
- 2019 CREMS Summer Student Award, University of Toronto  
Project Title: The impact of baclofen-gabapentin suppositories on chronic pelvic pain  
Role: Mentor  
Student: Andrea Rossos  
Amount: \$5,500CAD
- 2019 Jean Davey Honorary Trust Fund, Women's College Hospital  
Reimbursement of expenses to the Annual Meeting of the International Urogynecological Association, Viena, Austria  
Project Title: Intrapelvic nerve entrapment as a cause of pelvic floor dysfunction and refractory pudendal pain: a review of 50 cases  
Role: Principal Applicant  
Amount: \$1,500 CAD
- 2018-2020 Tolnai Research Grant  
Development of a novel MRI protocol to diagnose pudendal nerve and other intrapelvic entrapment neuropathies – Phase 2  
Status: Ongoing – Recruitment concluded, data collection to be concluded in April 2020, Data Analysis to be finalized in May 2020  
Amount: \$30,000CAD (*per annum*: \$15,000)  
Role: Principal Applicant
- 2018 Chair's Summer Student Award, Department of Obstetrics and Gynecology, University of Toronto  
Project Title: Clinical outcomes of intrapelvic nerve detrapments: Initial results in Canada  
Role: Mentor  
Student: Corey Sermer  
Amount: \$5,500CAD

2018	Jean Davey Honorary Trust Fund, Women's College Hospital Amount: Reimbursement of expenses to the Annual Congress of the International Continence Society, Philadelphia. USA Project Title: Intrapelvic nerve entrapment as a cause of pelvic floor dysfunction and refractory pudendal pain: a review of 50 cases Role: Applicant Amount: \$3,905 CAD
2015-2021	Impact of the laparoscopic implantation of neuromodulators on bladder, bowel, sexual and vasomotor functions, pelvic floor muscle and lower limbs spasticity and sleep quality in people with spinal cord injury Situation: Ongoing Principal Investigator: Nucelio Lemos Funding Sources: Medtronic® Inc. External Research Program (Investigator Initiated Research); Prêmio Euro Innovation Award; Independent donor funding. Amount: Total \$600,000 USD ( <i>per annum</i> : 100,000USD)

## 2. SALARY SUPPORT AND OTHER FUNDING

### MERIT AWARD STIPEND

2018-2024	Department of Obstetrics and Gynecology, Faculty of Medicine, University of Toronto Amount: \$30,000 CAD/year
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### DEPARTMENTAL STIPEND

2017-Present	Department of Obstetrics and Gynecology of Women's College Hospital Amount: \$30,000 CAD/year
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### TRAINEE SALARY SUPPORT

2004-2006	Residence support scholarship. São Paulo, SP, Brazil Amount: \$10,000 CAD/year (approximately)
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### OTHER FUNDING

2012-2013	Post-Doctorate Stipend. São Paulo, SP, Brazil. Amount: \$15,000 CAD/year (approximately)
2006-2008	Tuition Funding (CAPES, Brazil), Post-Doc Stipend Amount: \$10,000 CAD/year (approximately)

## E. Publications

### 1. CITATIONS REPORT

- Web of Science Researcher ID: D-2172-2014
- Publications in Web of Science: 68
- Total times cited: 380
- H-Index: 11

### 2. MOST SIGNIFICANT PUBLICATIONS

1. **Nucelio Lemos**, Gustavo L. Fernandes, Augusta M. Ribeiro, Priscila S. Maia-Lemos, Wellington Contiero, Victor Croos-Bezerra, George Tomlinson, Acary S. B. Oliveira, Manoel J. B. C. Girão. Rehabilitation of People With Chronic Spinal Cord Injury Using a Laparoscopically Implanted Neurostimulator: Impact on Mobility and Urinary, Anorectal, and Sexual Functions. *Neuromodulation*. 2023 Jan;26(1):233-245. DOI: 10.1016/j.neurom.2022.01.010 **Principal Author**.
  - **Importance:** This is the largest case series in the literature showing the use of neuromodulation on the rehabilitation of people with spinal cord injury. The main findings are: 18 of 25 (72%) patients with thoracic injury and 3 of 5 (60%) patients with cervical injury managed to establish a walker-assisted gait at one-year follow-up ( $p < 0.0001$ ). A total of 11 (47.8%) have improved in their urinary incontinence ( $p < 0.0001$ ), and seven (30.4%) improved their enuresis ( $p = 0.0156$ ). The Fecal Incontinence Severity Index improved from a median of 9 points preoperatively to 5.5 at 12 months ( $p = 0.0056$ ). Of note, 20 of 28 (71.4%) patients reported an improvement on genital sensitivity at 12 months postoperatively ( $p < 0.0001$ ).
2. **Nucelio Lemos**, Homero Faria, Corey Sermer, Gustavo L. Fernandes, Augusta M. Ribeiro, Geovanne Nascimento, Zhong Cheng Luo, Manoel J.B.C. Girão, Suzan M. Goldman. Lumbosacral plexus MR tractography: A novel diagnostic tool for extraspinal sciatica and pudendal neuralgia?. *Magnetic Resonance Imaging*. 2021 Nov; 83:107-113. DOI:10.1016/j.mri.2021.08.003. **Principal Author**.
  - **Importance:** This pioneering study is the first in the literature demonstrating the use of MR Tractography for the diagnosis of intrapelvic nerve entrapments.
3. **Nucelio Lemos**, Corey Sermer, Gustavo Fernandes, Augusta Ribeiro, Andrea Rossos, Zi Ying Zhao, Manuel JBC Girão, Philip Peng. Laparoscopic Approach to Refractory Extraspinal Sciatica and Pudendal Pain Caused by Intrapelvic Nerve Entrapment: report of a 10-year experience. *Nature Scientific Reports*. 2021 May 24;11(1):10820 DOI: 10.1038/s41598-021-90319-y. **Principal Author**.
  - **Importance:** This is the first large number study reporting the reproducibility of the laparoscopic nerve detrapment technique described by Possover et al. The reproducibility of results sets the basis of a new discipline – Neuropelveology.

4. Seracchioli R, Mabrouk M, Mastronardi M, Raimondo D, Arena A, Forno SD, Mariani GA, Billi AM, Manzoli L, O'Guin WM, **Lemos N**. Anatomic Cartography of the Hypogastric Nerves and Surgical Insights for Autonomic Preservation during Radical Pelvic Procedures. *J Minim Invasive Gynecol*. 2019 Jan 29. doi: 10.1016/j.jmig.2019.01.010. **Senior Author**
  - **Importance:** This study establishes the anatomical basis for a simplified nerve-sparing technique for radical pelvic surgery, published in a follow-up educational video (Zakhari A, Mabrouk M, Raimondo D, Mastronardi M, Seracchioli R, Mattei B, Papillon-Smith J, Solnik MJ, Murji A, **Lemos N**. Keep Your Landmarks Close, And The Hypogastric Nerve Closer: An Approach To Nerve-Sparing Endometriosis Surgery. *J Minim Invasive Gynecol*. 2019 Aug 3. pii: S1553-4650(19)30334-6. doi: 10.1016/j.jmig.2019.08.001. **Senior Author**).
5. **Lemos N**, Cancelliere L, Li A K, Marques R M, Fernandes G L, Sermer C, Kumar K, Afonso JS, Girão MJBC. Superior gluteal vein syndrome: an intrapelvic cause of sciatica. *Journal of Hip Preservation Surgery J Hip Preserv Surg*. 2019 Mar 25;6(2):104-108. doi: 10.1093/jhps/hnz012. **Principal Author**
  - **Importance:** This is the first study in the literature describing anatomical variations of the superior gluteal vessels causing entrapment of the lumbosacral trunk and the outcomes of laparoscopic nerve detraption for treating this condition.

### 3. PEER-REVIEWED PUBLICATIONS

#### SUBMITTED MANUSCRIPTS

#### JOURNAL ARTICLES

1. Oyenike Ilaka, Shreya Patel, **Nucelio Lemos**, Charles Argoff, Hal David Martin, Elise De. Neurologic pelvic pain: Diagnosis and treatment, with attention to hip-spine-pelvis exam. *Continence*, 2024, 101329. ISSN 2772-9737. DOI: 10.1016/j.cont.2024.101329. **Co-Author**
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3. Thiel P, Kobylanskii A, McGrattan M, **Lemos N**. Entrapped by pain: The diagnosis and management of endometriosis affecting somatic nerves. *Best Pract Res Clin Obstet Gynaecol*. *Best Pract Res Clin Obstet Gynaecol*. 2024 May 8:102502. doi: 10.1016/j.bpobgyn.2024.102502. *Epub ahead of print* **Senior Author**
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## ABSTRACTS

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## BOOK CHAPTERS

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## GUIDELINES

1. Castro-Diaz D, Robinson D, Arlandis Guzman S, Bosch R, Costantini E, Cotterill N, Espuña-Pons M, **Lemos N**, López-Fando L, Shelly E, Yoshida M. Initial assessment of urinary incontinence in adult male and female patients. *In*: Cardozo, L, Rovner, E, Wagg, A, Wein, A, Abrams, P. (Eds) Incontinence 7th Edition (2023). ICI-ICS. International Continence Society, Bristol UK, ISBN: 978-0-9569607-4-0. **Collaborator**
2. Castro-Diaz D, Robinson D, Arlandis Guzman S, Bosch R, Costantini E, Cotterill N, Espuña-Pons M, **Lemos N**, López-Fando L, Shelly E, Yoshida M. Patient-reported outcome assessment. *In*: Cardozo, L, Rovner, E, Wagg, A, Wein, A, Abrams, P. (Eds) Incontinence 7th Edition (2023). ICI-ICS. International Continence Society, Bristol UK, ISBN: 978-0-9569607-4-0. **Collaborator**
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## 4. NON-PEER-REVIEWED PUBLICATIONS

## MULTIMEDIA

1. **Lemos N**, McGrattan M. Hypogastric nerve-based nerve sparing. <https://www.mdedge.com/obgyn/article/256523/surgery/hypogastric-nerve-focused-approach-nerve-sparing-endometriosis-surgery> **Principal Author**
2. **Lemos N**. *Intrapelvic Neuropathies* In: ICS TV. <http://www.ics.org/tv?play=3189> [Webinar] **Principal Author**
3. **Lemos, N**. *New Therapeutic Options for Neurogenic Bladder Dysfunction*. In: ICS TV <https://www.youtube.com/playlist?list=PLvMZQRTti1oQk2NAEev2wUBFq6vkj3T9z> [Roundtable Discussion] **Co-Principal Author**



## F. Presentations and Lectures

### INVITED LECTURES AND PRESENTATIONS

1. *Advanced laparoscopy – neuropelveology e-learning: Surgical and Clinical Management of Intrapelvic Nerve Entrapments*. GESEA4EU. European Society of Gynecologic Endoscopy. April 22, 2024. **International CME Faculty**
2. *Advanced laparoscopy – neuropelveology e-learning: Indications and technical principles of the implantation of neural electrodes on the pelvic nerves (LION procedures)*. GESEA4EU. European Society of Gynecologic Endoscopy. April 29, 2024. **International CME Faculty**
3. *Surgical and Clinical Implications of Pelvic, Hip, Spine and Core Neuroanatomy: A multidisciplinary didactic and hands-on cadaver course*. University of Saint Louis. St. Louis, MO, USA. April 19-20, 2022. **International CME Course Chair**
4. *Pelvic Functional Anatomy, Neurophysiology and the Principle of Nerve-Sparing through Direct Visualization of Nerve Bundles*. CME Course: 7th Hands-On Advanced Neuroanatomy of the Pelvis: A Simulcast-Based Hands-on Cadaver Course. University of Saint Louis. St. Louis, MO, USA. April 18-19, 2022. **International CME Course Faculty**
5. *From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection – Autonomic Nerves of the Pelvis*. CME Course: 7th Hands-On Advanced Neuroanatomy of the Pelvis: A Simulcast-Based Hands-on Cadaver Course. University of Saint Louis. St. Louis, MO, USA. April 18-19, 2022. **International CME Course Faculty**
6. *Neuropelveology – the clinical and surgical applications of the laparoscopic approach to the lumbosacral plexus*. CME Course: 7th Hands-On Advanced Neuroanatomy of the Pelvis: A Simulcast-Based Hands-on Cadaver Course. University of Saint Louis. St. Louis, MO, USA. April 18-19, 2022. **International CME Course Faculty**
7. *From Books to Practice Simulcast: Parallel Theoretical Presentations and Live Dissection – Somatic Nerves of the Pelvis*. CME Course: 7th Hands-On Advanced Neuroanatomy of the Pelvis: A Simulcast-Based Hands-on Cadaver Course. University of Saint Louis. St. Louis, MO, USA. April 18-19, 2022. **International CME Course Faculty**
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9. *CME Course: Fundamentals of Laparoscopic Gynecologic Surgery*. University of Saint Louis. St. Louis, MO, USA. April 18-20, 2022. **International CME Course Chair** *Learn how to be a nerve-sparing surgeon*. University of Saint Louis. St. Louis, MO, USA. April 15-17, 2022. **International CME Course Faculty**
10. *Learn how to be a nerve-sparing surgeon*. CME Course: Advanced Anatomy and Surgical Techniques for the Management of Deeply Infiltrating Endometriosis. University of Saint Louis. St. Louis, MO, USA. April 15-17, 2022. **International CME Course Faculty**
11. *CME Course: Advanced Anatomy and Surgical Techniques for the Management of Deeply Infiltrating Endometriosis*. University of Saint Louis. St. Louis, MO, USA. April 15-17, 2022. **International CME Course Chair**

12. *Pelvic Anatomy Expo: a Multidisciplinary CME Conference on Pelvic, Peineal and Lumbosacral Pain*. University of Saint Louis. St. Louis, MO, USA. April 15-20, 2022. **International CME Multi-Course Event Chair**.
13. *Approach to Mesh Complications*. Keynote at the Annual Meeting of the Canadian Society for Pelvic Medicine. Montreal, WC, Canada. April 12-14, 2024. **National Conference Keynote Speaker**
14. *Surgical Indications and Approaches to Intrapelvic Nerve Entrapments*. Workshop at the Annual Meeting of the Canadian Society for Pelvic Medicine. Montreal, WC, Canada. April 12-14, 2024. **National CME Faculty**
15. *Endometriosis and Neuropelveology: diagnostic principles and nerve-sparing surgery*. The Domains of Endometriosis Symposium. CUF Hospital. Lisbon, Portugal. Mar 22-23, 2024. **International Congress Keynote Speaker**
16. *Pelvic Neuroanatomy and Nerve Sparing Surgery*. VIII Congress of the Latin American Pelvic Floor Association (ALAPP). Feb 21-24, 2024. Panama City, Panama. **International Congress Keynote Speaker**
17. *Pelvic Neuroanatomy and Neurophysiology – autonomic nerve damage*. VIII Congress of the Latin American Pelvic Floor Association (ALAPP). Feb 21-24, 2024. Panama City, Panama. **International PG Course Speaker**
18. *Surgical Anatomy for Prolapse Repair by Abdominal Route*. VIII Congress of the Latin American Pelvic Floor Association (ALAPP). Feb 21-24, 2024. Panama City, Panama. **International PG Course Speaker**
19. *Intrapelvic Nerve Entrapments*. ICS Global Pelvic Pain Exchange Programme. International Continence Society. Feb 4<sup>th</sup> 2024. Bristol, UK. **International PG Course Speaker** [Online Event]
20. *Pelvic Pain*. IUGA International Symposium on Global Pelvic Health. International Urogynecological Association. Feb 3<sup>rd</sup> 2024, Amsterdam, Netherlands. **International Symposium Session Chair** [Online Event]
21. *Pelvic Neuroanatomy and Nerve Sparing Surgery*. Postgraduate Course on Robotic Surgery, Albert Einstein Israeli Hospital, Jan 27<sup>th</sup> 2024, São Paulo, Brazil. **International PG Course Speaker** [Teleconference]
22. *The importance of Neuropelveology on the Treatment of Endometriosis*. 23<sup>rd</sup> Endometriosis in Rio Conference. Pedro Ernesto University Hospital. December 1-2, 2023. Rio de Janeiro, Brazil. **International Congress Keynote Speaker**
23. *Endometriosis involvement on somatic nerves – how to treat it?* 23<sup>rd</sup> Endometriosis in Rio Conference. Pedro Ernesto University Hospital. December 1-2, 2023. Rio de Janeiro, Brazil. **International Congress Roundtable Speaker**
24. *Optimizing the diagnosis of nerve endometriosis*. 23<sup>rd</sup> Endometriosis in Rio Conference. Pedro Ernesto University Hospital. December 1-2, 2023. Rio de Janeiro, Brazil. **International Congress Roundtable Moderator**

25. *Interactive Keynote Conference - Neuroanatomy and Nerve Preservation in Pelvic Surgery*. International Symposium on Minimally Invasive Gynecologic Surgery. Faculty of Medical Sciences of Minas Gerais. November 23-25, 2023. Belo Horizonte, Brazil. **International Congress Keynote Speaker**
26. *Evaluation and Treatment of Pelvic Pain (Breakfast with the Experts)*. FIGO International Congress. October 8-11, 2023. Paris, France. **International Congress Session Chair**
27. *Robotic Myomectomy (Surgical Video Classroom)*. FIGO International Congress. October 8-11, 2023. Paris, France. **International Congress Session Chair**
28. *Physical Exam in the Patient with Pelvic Pain (Hands-On Simulation Lab)*. FIGO International Congress. October 8-11, 2023. Paris, France. **International Congress Workshop Speaker**
29. *Perspectives in Neuropelveology*. Annual Congress of the European Society of Gynecologic Endoscopy. October 1-4, 2023. Brussels, Belgium. **International Congress Keynote Speaker**
30. *Cadaveric Dissection on Laparoscopic Neuroanatomy*. Annual Congress of the European Society of Gynecologic Endoscopy. October 1-4, 2023. Brussels, Belgium. **International Congress Keynote Speaker**
31. *Workshop - Neurological Pelvic Pain: An Intermediate Interactive Workshop on Diagnosis and Treatment*. Annual Congress of the International Continence Society. Toronto, Canada, September 27-29, 2023. **International Congress Workshop Speaker**
32. *Roundtable 1 - Pelvic Pain: from Syndromes to Treatable Diagnostic Entities*. Annual Congress of the International Continence Society. Toronto, Canada, September 27-29, 2023. **International Congress Roundtable Speaker**
33. *Diagnostic and treatment algorithms in chronic pelvic pain: the Neuropelveologist's perspective*. AAGL International Congress on Minimally Invasive Gynecologic Surgery. AAGL. São Paulo, Brazil, September 21-23, 2023. **International Congress Roundtable Speaker**
34. *Advanced laparoscopy – neuropelveology e-learning: principles of pelvic neuromodulation*. GESEA4EU. European Society of Gynecologic Endoscopy. August 30, 2023. **International CME Faculty**
35. *Neuropelveology – the clinical and surgical applications of the laparoscopic approach to the lumbosacral plexus*. VI Symposium of the Integrated Nucleus for Treatment of Endometriosis. Felicio Rocha Hospital. August 18, 2023, Belo Horizonte, Brazil. **International Congress Keynote Speaker**
36. *Neuropelveology – the clinical and surgical applications of the laparoscopic approach to the lumbosacral plexus*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, June 5-12, 2023. **International CME Course Faculty**
37. *Laparoscopic Anatomy of the Lumbosacral Plexus: live cadaveric dissection*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, June 5-12, 2023. **International CME Course Faculty**

38. *Autonomic Nerves of the Pelvis: live cadaveric dissection*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, June 5-12, 2023. **International CME Course Faculty**
39. *Pelvic Functional Anatomy, Neurophysiology and the Principle of Nerve-Sparing through Direct Visualization of Nerve Bundles*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, June 5-12, 2023. **International CME Course Faculty**
40. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2019. **International CME Cadaver Lab Coordinator**
41. *Neuropelveology – clinical applications of pelvic nerve dissections*. Scientific Webinar of the Peruvian Society of Endometriosis. Lima, Peru, May 23, 2023. **International Webinar Speaker**
42. *Rehabilitation of People With Chronic Spinal Cord Injury Using a Laparoscopically Implanted Neurostimulator: Impact on Mobility and Urinary, Anorectal, and Sexual Functions*. LEJ Endo – Lister Endometriosis Journal Club. Lister, UK, May 6<sup>th</sup> 2023. **International Webinar Speaker**
43. *Excision of complicated mesh*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
44. *Pelvic Organ Prolapse – pathogenesis and surgical principle*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
45. *Parametrial Endometriosis*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
46. *Hypogastric Nerve Dissection*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
47. *Parametrial Endometriosis*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
48. *Live Surgery – frozen pelvis*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
49. *Pelvic Neuroanatomy*. International Course on Gynecologic Laparoscopy. EsSalud, Infimed, Cuzco, Peru, April 12-14 2023. **International CME Course Faculty**
50. *Clinical and Surgical Applications of Pelvic Neuroanatomy*. Pelvic Floor 360°. São Paulo, Brazil. March 25, 2023. **International Post-Graduate Course Faculty**.
51. *Interventional management of neuropathic pain*. EndoDubai Congress 2023. Dubai, United Arab Emirates. Feb 24-26, 2023. **International Congress Roundtable Speaker**.
52. *Postoperative Management in cases of Pelvic Nerves Damage*. EndoDubai Congress 2023. Dubai, United Arab Emirates. Feb 24-26, 2023. **International Congress Roundtable Speaker**.
53. *Pelvic Neuroanatomy, Neurophysiology and Nerve-Sparing Surgery*. Post-Graduate Course in Robotic Surgery. Hospital Israelita Albert Einstein. São Paulo, Brazil. Jan 27, 2023. **International Post-Graduate Course Faculty**.

54. *Ten-Year Experience with the Possover-LION Procedure*. Webinar of the International Society of Neuropelveology. Jan 19, 2023. **International Webinar Roundtable Speaker.**
55. *What Happens If You Mess with the Wrong Guys: Functional Pelvic Anatomy and Neurophysiology*. 51<sup>st</sup> Goba Congress on Minimally Invasive Gynecologic Surgery, AAGL. Denver, CO, USA. Dec 1-4, 2022. **International Congress Workshop Speaker.**
56. *Cadaver Lab on Pelvic Autonomic Neuroanatomy*. 51<sup>st</sup> Goba Congress on Minimally Invasive Gynecologic Surgery, AAGL. Denver, CO, USA. Dec 1-4, 2022. **International Congress Workshop Chair.**
57. *Nerve-Sparing Pelvic Surgery*. 51<sup>st</sup> Goba Congress on Minimally Invasive Gynecologic Surgery, AAGL. Denver, CO, USA. Dec 1-4, 2022. **International Congress Workshop Chair.**
58. *Pelvic Neuroanatomy and Nerve-Sparing in Minimally Invasive Pelvic Surgery*. Brazilian Congress of Gynecologic Oncology. Brasilia, Brazil. Nov 25-26, 2022. **International Congress Speaker.**
59. *Perioperative Protocols in Neuropelveology*. Webinar of the International Society of Neuropelveology. Nov 14, 2022. **International Webinar Roundtable Speaker.**
60. *Surgical Therapeutics to Pudendal Neuropathic Pain*. Convergences in Pelvipereineal Pain. Rome, Italy. Nov 10-12, 2022. **International Congress Roundtable Speaker.**
61. *Neuropelveology – clinical and surgical applications of pelvic neuroanatomy*. VII Congress of the Latin American Pelvic Floor Association (ALAPP). Buenos Aires, Argentina. Oct 5-8, 2022. **International Congress Keynote Speaker.**
62. *Neuropathic Pain*. VII Congress of the Latin American Pelvic Floor Association (ALAPP). Buenos Aires, Argentina. Oct 5-8, 2022. **International Congress Keynote Speaker.**
63. *Beyond Overactive Bladder – differential diagnosis of urinary urgency*. Congress of Urogynecology of the University of São Paulo, Brazil. Sep 15-17, 2022. **International Congress Keynote Speaker.**
64. *Neuropelveology – clinical and surgical applications of pelvic neuroanatomy*. XX South Brazilian Congress of Obstetrics and Gynecology. Gramado, Brazil. Sep 15-17, 2022. **International Congress Keynote Speaker.**
65. *What if it is not endometriosis? Differential diagnosis of chronic pelvic pain*. XXIII Congress of the Mexican Federation of Gynecologic Endoscopy. Morelia, Mexico. Sep 7-10, 2022. **International Congress Speaker.**
66. *Pelvic Neuroanatomy and Strategies for Prevention of Intraoperative Nerve Damage*. XXIII Congress of the Mexican Federation of Gynecologic Endoscopy. Morelia, Mexico. Sep 7-10, 2022. **International Congress Speaker.**
67. *Diagnosis and Treatment of Intrapelvic Nerve Entrapments*. XXIII Congress of the Mexican Federation of Gynecologic Endoscopy. Morelia, Mexico. Sep 7-10, 2022. **International Congress Speaker.**
68. *Neuropelveology*. XXIII Congress of the Mexican Federation of Gynecologic Endoscopy. Morelia, Mexico. Sep 7-10, 2022. **International Congress Speaker.**

69. *Beyond the Urogenital System: a multilayered approach to chronic pelvic pain*. 3<sup>rd</sup> Semi-Live Surgery Urogynecology Course. Lisbon, Portugal. June 23-24, 2022. **International Congress Speaker**
70. *Somatic Pelvic Neuroanatomy – what does the gynecologic surgeon need to know?* Post-Graduate Course on Laparoscopic Pelvic Anatomy and Advanced Surgical Techniques in Gynecology. NAVEG, São Paulo, Brazil. June 24<sup>th</sup>, 2021. [Online Event] **International CME Course Speaker.**
71. *Principles of Nerve-Sparing Surgery*. Fundamentals of Advanced Gynecologic Laparoscopic Surgery. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. May 12-14, 2022. **International CME Course Speaker**
72. *Cadaveric Dissection*. Fundamentals of Advanced Gynecologic Laparoscopic Surgery. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. May 12-14, 2022. **International CME Cadaver Lab Faculty**
73. *Intrapelvic Nerve Entrapments*. Hip-Pelvic-Spine-Core Symposium. Hip Preservation Center at Baylor Medical Center and Hip Preservation Center at Duke Medical Center. Dallas, TX, USA. April 24<sup>th</sup> 2022. **International Symposium Speaker**
74. *Neuropelveology – From Safer Surgical Dissection to Recovery*. Grand Rounds at Albany Medical Center. Albany, NY, USA. April 14<sup>th</sup> 2022. **International Grand Rounds Speaker**
75. *Live Cadaveric Dissection*. Live Cadaveric Dissection at Albany Medical Center. Albany, NY, USA. April 14<sup>th</sup> 2022. **International Grand Rounds Speaker**
76. *Surgical Management of Urinary Tract Endometriosis*. Congress of the Brazilian Society of Endometriosis. São Paulo, Brazil. March 31<sup>st</sup> to April 2<sup>nd</sup>, 2022. **International Congress Keynote Chair**
77. *Pelvic Neuroanatomy and Nerve-Sparing Surgery in Endometriosis*. Congress of the Brazilian Society of Endometriosis. São Paulo, Brazil. March 31<sup>st</sup> to April 2<sup>nd</sup>, 2022. **International Congress Roundtable Speaker**
78. *Non-hormonal management of chronic pelvic pain*. Congress of the Brazilian Society of Endometriosis. São Paulo, Brazil. March 31<sup>st</sup> to April 2<sup>nd</sup>, 2022. **International Congress Keynote Chair**
79. *From Dissection to Action: clinical applications of pelvic neuroanatomy*. Congress of the Brazilian Society of Endometriosis. São Paulo, Brazil. March 31<sup>st</sup> to April 2<sup>nd</sup>, 2022. **International Congress Keynote Speaker**
80. *Beyond the Urogenital System: differential diagnosis of Chronic Pelvic Pain*. A New Look Into the Pelvic Cavity, an international multidisciplinary symposium. CUF Academic Center. Lisbon, Portugal. March 18<sup>th</sup> and 19<sup>th</sup>, 2022. **International Symposium Speaker**
81. *Pelvic neuralgias related to pregnancy and delivery*. IUGA International Symposium on Birth and Beyond: Management, Assessment, and Prevention of Pelvic Floor Dysfunction. International Urogynecological Association. March 12<sup>th</sup> 2022. **International Webinar Speaker** [Online Event]
82. *Neuropelveology*. Fifty-Eighth Annual Update on Obstetrics and Gynecology 2022. Brigham Women's Hospital, Harvard Medical School, Boston, MA, USA. Mar 6<sup>th</sup> 2022. **International PG Course Speaker.** [Teleconference]

83. *Decoding DaVinci: clinical applications of Pelvic Neuroanatomy*. EndoDubai – <https://www.endo-dubai.com>. Feb 25<sup>th</sup> 2022. **International Congress Speaker**
84. *Live Surgery – laparoscopic treatment of chronic pelvic pain*. International Course on Endometriosis and Neuropelvelogy of Morelia Women's Hospital, Morelia, Mexico. Feb 19<sup>th</sup> 2022. **International PG Course Speaker**.
85. *Live Surgery – laparoscopic treatment of intrapelvic nerve entrapment*. International Course on Endometriosis and Neuropelvelogy of Morelia Women's Hospital, Morelia, Mexico. Feb 19<sup>th</sup> 2022. **International PG Course Speaker**.
86. *Diagnosis and Treatment of Intrapelvic Nerve Entrapment*. International Course on Endometriosis and Neuropelvelogy of Morelia Women's Hospital, Morelia, Mexico. Feb 19<sup>th</sup> 2022. **International PG Course Speaker**.
87. *Pelvic Neuroanatomy and Nerve-Sparing*. International Course on Endometriosis and Neuropelvelogy of Morelia Women's Hospital, Morelia, Mexico. Feb 19<sup>th</sup> 2022. **International PG Course Speaker**.
88. *Pelvic Neuroanatomy and Nerve Sparing Surgery*. Postgraduate Course on Robotic Surgery, Albert Einstein Israeli Hospital, Feb 5<sup>th</sup> 2021, São Paulo, Brazil. **International PG Course Speaker** [Teleconference]
89. *Neuropelvelogy*. Grand Rounds at University of Texas Medical Branch, Houston, TX, USA. Feb 2<sup>nd</sup> 2022. **International Grand Rounds Speaker** [Teleconference]
90. *Managing Chronic Pelvic Pain*. XXXIII Annual Congress of the National Association of Urologists of Centro Medico de la Raza. Boca del Río, Veracruz, Mexico. Jan 22<sup>nd</sup>, 2022. [Teleconference] **International Congress Speaker**
91. *Pelvic Neuroanatomy and Nerve-Sparing Surgery*. Annual Days of the National Institute for Mother and Child Health Alessandrescu – Rusescu. Bucharest, Romania. December 9<sup>th</sup> 2021. [Teleconference] **International Webinar Speaker**
92. *Pudendal Neuralgia and Other Intrapelvic Nerve Entrapments*. National Congress of the Portuguese Urological Association. Lisbon, Portugal. November 28<sup>th</sup> 2021. [Teleconference] **International Congress Roundtable Speaker**
93. *Cadaver Lab Faculty – Advance Pelvic Anatomy: ISSA Cadaveric Dissection*. 50<sup>th</sup> Global Congress of the AAGL. Austin, TX, USA. November 14<sup>th</sup> 2021. **International Workshop Faculty**
94. *Laparoscopic Approach to Intrapelvic Nerve Entrapments*. International Urogynecological Society and International Continence Society – ICS/IUGA Webinar. November 11<sup>th</sup> 2021. [Virtual Event] **International Webinar Speaker**
95. *Laparoscopic Implantation of Neuromodulator for Spinal Cord Injury Rehabilitation*. 2<sup>nd</sup> Brazilian Congress of Neurological Rehabilitation. Federal University of São Paulo, November 5<sup>th</sup> 2021, São Paulo, Brazil. **International Roundtable Speaker**
96. *Thinking Beyond the Urogenital System: Differential Diagnosis of Chronic Pelvic Pain*. Caribe-Gyn 2021 – Caribbean Gynecology and Obstetrics Convention. October 21-24, 2021, Ponce, Puerto Rico, USA. **International Keynote Speaker**

97. *From Dissection to Action: clinical applications o pelvic neuroanatomy*. Caribe-Gyn 2021 – Caribbean Gynecology and Obstetrics Convention. October 21-24, 2021, Ponce, Puerto Rico, USA. **International Keynote Speaker**
98. *Decoding DaVinci: clinical applications of pelvic neuroanatomy*. Pelvic Floor Dysfunction Week, American Urogynecology Society. October 13-15, 2021, Phoenix, AZ, USA. **International Congress Keynote Speaker – AUGS Innovation Award**
99. *Chronic Pelvic Pain*. IV Symposium of the Integrated Nucleus for Treatment of Endometriosis. Felicio Rocha Hospital. August 13, 2021, Belo Horizonte, Brazil. [Online Event] **International Congress Keynote Speaker**
100. *Somatic nerves of the pelvis: what does the gynecologic surgeon need to know?* Post-Graduate Course on Laparoscopic Pelvic Anatomy and Advanced Surgical Techniques in Gynecology. NAVEG, São Paulo, Brazil. June 24<sup>th</sup>, 2021. [Online Event] **International CME Course Speaker.**
101. *Thinking Beyond the Urogenital System: Differential Diagnosis of Chronic Pelvic Pain*. Congress of the Society of Obstetrics and Gynecology of Paraná. May 13, 2021, Curitiba, Brazil. [Online Event] **International Congress Keynote Speaker**
102. *Nerve-sparing endometriosis surgery*. Congress of the Society of Obstetrics and Gynecology of Paraná. May 13, 2021, Curitiba, Brazil. [Online Event] **International Congress Roundtable Speaker**
103. *Neuropelvelogy: Nerve -Sparing Resection of Parametrial Endometriosis - A Joint ACOG/AAGL Session*. Congress of the American College of Obstetricians and Gynecologists. May 2<sup>nd</sup>, 2021, USA. [Online Event] **International Congress Keynote Speaker**
104. *Thinking Beyond the Urogenital System: Differential Diagnosis of Chronic Pelvic Pain*. Urogynecology Symposium of the University of São Paulo. April 22-24, 2021, São Paulo, Brazil. [Online Event] **International Congress Keynote Speaker**
105. *Relevant Anatomy for Complications Prevention in Sacrocolpopexy*. Urogynecology Symposium of the University of São Paulo. April 22-24, 2021, São Paulo, Brazil. [Online Event] **International Congress Keynote Speaker**
106. *What if it is not endometriosis? Differential diagnosis of Chronic Pelvic Pain*. Congress of the Brazilian Society of Endometriosis. April 22-24, 2021, São Paulo, Brazil. [Online Event] **International Congress Keynote Speaker**
107. *Intraoperative tips for prevention of urinary retention in endometriosis surgery*. Congress of the Brazilian Society of Endometriosis. April 22-24, 2021, São Paulo, Brazil. [Online Event] **International Congress Keynote Speaker**
108. *Pelvic Neuroanatomy and Nerve Sparing Pelvic Surgery*. Virtual Endo 24 – The Global View. International Society of Gynecologic Endoscopy. March 20-21, 2021. [Online Event] **International Congress Speaker**
109. *Pelvic Neuroanatomy and Nerve Sparing Pelvic Surgery*. International Master Programme in Minimally Invasive Gynecologic Surgery. University of Bologna, Italy. February 12<sup>th</sup>, 2021. [Online Event] **International Post-Graduate Course (CME) Speaker**



110. *Clinical Approach to Chronic Pelvic Pain*. Colombian Federation of Obstetrics and Gynecology – FECOLSOG. Colombia. January 25<sup>th</sup>, 2021. [Online Event] **International Post-Graduate Course (CME) Speaker**
111. *Autonomic Neuroanatomy and Neurophysiology of the Pelvis*. Post-Graduate Course in Robotic Surgery. Hospital Israelita Albert Einstein, São Paulo, Brazil. Jan23rd, 2021. [Teleconference] **International Post-Graduate Course (CME) Speaker**
112. *Neuropelveology*. I Virtual Summit of Advances in Urology. Peruvian Society of Urology. Nov 28<sup>th</sup> 2020. [Virtual Event] **International Congress Speaker.**
113. *NEURO-21 PG Course - Introduction to Neuropelveology: An Anatomical and Clinincal Approach to Complex Pelvic Neuropathies*. 49<sup>th</sup> AAGL Virtual Global Congress. Oct 12<sup>th</sup> 2020. **International Congress Workshop Chair.**
114. *Interactive Neuropelveology Case Discussion: Neoplastic Entrapment. In: NEURO-21 PG Course - Introduction to Neuropelveology: An Anatomical and Clinincal Approach to Complex Pelvic Neuropathies*. 49<sup>th</sup> AAGL Virtual Global Congress. Oct 12<sup>th</sup> 2020. **International Congress Workshop Speaker.**
115. *Interactive Neuropelveology Case Discussion: Neoplastic Entrapment In: NEURO-21 PG Course - Introduction to Neuropelveology: An Anatomical and Clinical Approach to Complex Pelvic Neuropathies*. 49<sup>th</sup> AAGL Virtual Global Congress. Oct 12<sup>th</sup> 2020. **International Congress Workshop Speaker.**
116. *From Dissection to Action: clinical applications of pelvic neuroanatomy*. 49<sup>th</sup> AAGL Virtual Global Congress. Oct 6<sup>th</sup>, 2020. **International Congress Keynote Speaker.**
117. *Google Maps for the Pelvic Surgeon – Pelvic Neuroanatomy*. 49<sup>th</sup> AAGL Virtual Global Congress. Oct 5<sup>th</sup>, 2020. **International Congress Workshop Speaker.**
118. *Somatic nerves of the pelvis: what does the gynecologic surgeon need to know?* VII Symposium on Laparoscopic Pelvic Anatomy and Advanced Surgical Techniques in Gynecology. NAVEG, São Paulo, Brazil. October 21<sup>st</sup>, 2020. **International CME Course Speaker.**
119. *Live Surgery – Laparoscopic Nerve Detrapment*. VII Symposium on Laparoscopic Pelvic Anatomy and Advanced Surgical Techniques in Gynecology. NAVEG, São Paulo, Brazil. October 21<sup>st</sup>, 2020. **International CME Course Speaker/Live Surgery.**
120. *Pelvic Neuroanatomy: what does the oncologic surgeon need to know?* Cancer Updates (Online event). Brazilian Society of Oncologic Surgery. October 21<sup>st</sup>, 2020. **International CME Course Speaker.**
121. *Laparoscopic approach to pudendal and other intrapelvic neuralgias*. International Urogynecological Association (IUGA). September 2<sup>nd</sup> 2020. **International Congress Speaker**
122. *Neuropelveology applications to chronic pelvic pain – Topographic and Etiological Diagnosis*. Brazilian Society of Endometriosis (SBE). August 25<sup>th</sup> 2020. **International Webinar Speaker**
123. *Neuromodulation: impact of laparoscopically-implanted neuroprosthesis on neurogenic bladder*. Peruvian Society of Urology (SPU). Aug 18<sup>th</sup> 2020. **International Webinar Speaker**
124. *Clinical applications of the laparoscopic approach to the lumbosacral plexus*. Brazilian Society of Laparoscopic Surgery (SOBRACIL). July 22<sup>nd</sup> 2020. **International Webinar Speaker**

125. *The laparoscopic approach to intrapelvic nerve entrapments*. The Royal Thai College of Obstetricians and Gynaecologists. June 30<sup>th</sup> 2020. **International Webinar Speaker**
126. *Intrapelvic Nerve Entrapments*. Zoom Webinar for the Argentinian Urogynecological Forum. June 1<sup>st</sup>, 2020. **International Webinar Speaker**
127. *Thinking Beyond Genitourinary: differential diagnosis of chronic pelvic pain*. Longitudinal Urogynecology Course. Guatemalan Society of Obstetrics and Gynecology (AGOG); Latin American Pelvic Floor Association (ALAPP); May 4<sup>th</sup> 2020. **International Webinar Speaker**.
128. *Pudendal Neuralgia*. 5<sup>th</sup> Annual Congress of the Latin American Pelvic Floor Association (ALAPP). Cartagena, Colombia; March 4<sup>th</sup>-7<sup>th</sup>, 2020. **International Congress Keynote Speaker**
129. *Surgery route in apical prolapse recurrence – Laparoscopy*. 5<sup>th</sup> Annual Congress of the Latin American Pelvic Floor Association (ALAPP). Cartagena, Colombia; March 4<sup>th</sup>-7<sup>th</sup>, 2020. **International Congress Roundtable Speaker**
130. *How to perform a laparoscopic sacrocolpopexy*. 5<sup>th</sup> Annual Congress of the Latin American Pelvic Floor Association (ALAPP). Cartagena, Colombia; March 4<sup>th</sup>-7<sup>th</sup>, 2020. **International Congress CME Workshop Speaker**
131. *Diagnostic Sequence and Laparoscopic Treatment of Pudendal Neuralgia and Other Intrapelvic Nerve Entrapments*. AUGS Clinical Meeting: Advanced Solutions for the Complex Urogynecology Patient. AUGS – American Urogynecologic Society. Fort Lauderdale, FL, USA; January 16-18, 2020. **International CME Faculty**
132. *Differential Diagnosis of Pelvic Pain: Thinking Beyond the Reproductive System*. AUGS Clinical Meeting: Advanced Solutions for the Complex Urogynecology Patient. AUGS – American Urogynecologic Society. Fort Lauderdale, FL, USA; January 16-18, 2020. **International CME Faculty**
133. *Live Surgery Broadcast*. 48th Global Congress on Minimally Invasive Gynecology. AAGL – American Society of Gynecologic Laparoscopists. Vancouver, BC, Canada, November 2019. **International Congress – Live Surgery Surgeon**.
134. *Cadaver Lab Faculty*. Cadaver Lab – Urogynecology. 48th Global Congress on Minimally Invasive Gynecology. AAGL – American Society of Gynecologic Laparoscopists. Vancouver, BC, Canada, November 2019. **International Congress – Cadaver Lab Faculty**.
135. *Diagnosis and Management of Pelvic Neuropathic Pain*. Cadaver Lab in Pelvic Neuroanatomy. Instituto Crispi & Nicholson Center. Orlando, FL, USA, November 2019. **International CME Course – Keynote Speaker**.
136. *Cadaver Lab Faculty*. Cadaver Lab in Pelvic Neuroanatomy. Instituto Crispi & Nicholson Center. Orlando, FL, USA, November 2019. **International CME Course – Cadaver Lab Faculty**.
137. *Pelvic Neuroanatomy – Live Cadaveric Dissection*. Annual ESGE Congress. ESGE – European Society of Gynecologic Oncology. Thessaloniki, Greece, October 2019. **International Congress – Keynote Speaker**.
138. *Post-decompression pain - pathophysiology, clinical presentation and management strategies*. Annual ESGE Congress. ESGE – European Society of Gynecologic Oncology. Thessaloniki, Greece, October 2019. **International Congress – Roundtable Speaker**.

139. *Management of Pelvic Neuralgias*. Curso Mi Dolor Pélvico Crónico (My Chronic Pelvic Pain Course). Fundació Taulí, Barcelona, Spain, October 2019. **International CME Course – Roundtable Speaker.**
140. *Live surgeries on Pelvic Pain and Pudendal Neuralgia*. Update Summit on Pelvic Neuromodulation. Hospital Universitario Ramón y Cajal, Madrid, Spain, October 2019. **International CME Course – Live Surgery Surgeon.**
141. *Neuromodulation for the Treatment of Chronic Pelvic Pain*. Update Summit on Pelvic Neuromodulation. Hospital Universitario Ramón y Cajal, Madrid, Spain, October 2019. **International CME Course – Keynote Speaker.**
142. *Clinical Applications of the Laparoscopic Approach to the Lumbosacral Plexus*. Reconstructive Neurosurgery Course. Dept. of Neurosurgery, Harvard Medical School. Cape Cod, MA, USA, 2019. **International CME Course – Keynote Speaker.**
143. *Treatment of Endometriosis on the Pelvic Nerves*. 16th AAGL International Congress on Minimally Invasive Gynecological Surgery and Endometriosis. Medellín, Colombia, 2019. **International Congress – Keynote Speaker.**
144. *Pelvic Neuroanatomy and the Diagnosis of Intrapelvic Nerve Entrapments*. 16th AAGL International Congress on Minimally Invasive Gynecological Surgery and Endometriosis. Medellín, Colombia, 2019. **International Congress – Roundtable Speaker.**
145. *Pelvic Neuroanatomy and the Principle of Nerve-Sparing by Direct Visualization of Nerve Bundles*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2019. **International CME Course Faculty**
146. *Anatomy of the Intrapelvic Nerve Bundles: a live cadaveric dissection*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2019. **International CME Course Faculty**
147. *Cadaver Lab Coordinator*. Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2019. **International CME Cadaver Lab Coordinator**
148. *Intrapelvic Nerve Entrapments: concept, diagnosis and management*. 2<sup>nd</sup> Live Surgery and Urogynecology Course. Lisbon University Hospital. Lisbon, 2019. **International Keynote Speaker**
149. *Neurogenic Detrusor Overactivity – the role of laparoscopically implanted neuromodulation*. 2<sup>nd</sup> Live Surgery and Urogynecology Course. Lisbon University Hospital. Lisbon, 2019. **International Roundtable Speaker**
150. *Perioperative Care in Neuropelveology: Management of Post Decompression Pain*. AAGL/SEGI International Meeting. Florence, Italy, 2019. **International Live Session Didactics Presenter**
151. *Live Cadaveric Dissection – Principles of Nerve-Sparing Surgery: Didactic and Parallel Live Dissection. Nerves Involved in Visceral and Pelvic Floor Control*. AAGL/SEGI International Meeting. Florence, Italy, 2019. **International Live Session Didactics Presenter**

152. *Live Cadaveric Dissection – Principles of Nerve-Sparing Surgery: Didactic and Parallel Live Dissection. Somatic Nerves of the Pelvic and Abdominal Wall.* AAGL/SEGI International Meeting. Florence, Italy, 2019. **International Live Session Didactics Presenter**
153. *Cadaveric Course on Neuropelvic Procedures and Techniques.* AAGL/SEGI International Meeting. Florence, Italy, 2019. **International Workshop Chairman**
154. *The Challenges Laparoscopy Manages to Overcome.* 4<sup>th</sup> Annual Meeting of the Latin American Pelvic Floor Association. Santiago, Chile, 2019. **International Roundtable Moderator**
155. *Interactive Roundtable - Anatomy Applied to Complications Prevention in Pelvic Reconstructive Surgery.* 4<sup>th</sup> Annual Meeting of the Latin American Pelvic Floor Association. Santiago, Chile, 2019. **International Roundtable Speaker**
156. *Interactive Video Session – Laparoscopic Pudendal Nerve Release.* 4<sup>th</sup> Annual Meeting of the Latin American Pelvic Floor Association. Santiago, Chile, 2019. **International Video Session Presenter**
157. *Pelvic Neuroanatomy and Neurophysiology Applied to Complications Prevention in Pelvic Reconstructive Surgery.* 4<sup>th</sup> Annual Meeting of the Latin American Pelvic Floor Association. Santiago, Chile, 2019. **International Keynote Speaker**
158. *Pudendal Neuralgia and Other Intrapelvic Nerve Entrapments.* Cadaver Skills Lab and Workshop. Erasmus Medical Center, Rotterdam, Netherlands, 2019. **International Symposium Speaker and Coordinator**
159. *Pelvic Vascular and Neuroanatomy.* Cadaver Skills Lab and Workshop. Erasmus Medical Center, Rotterdam, Netherlands, 2019. **International Live Dissection Performance and Lab Faculty Coordinator**
160. *Functional Anatomy and Neurophysiology of the Pelvic Floor.* Web-teleconference to the Regional Symposium of the Latin American Pelvic Floor Association. Rio de Janeiro, Brazil, 2019. **International Keynote Speaker**
161. *Neuropelvicology – a workshop of the International Society of Neuropelvicology with emphasis on Neurogynecology.* 47<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Las Vegas, NV, USA, 2018. **International Workshop Chair**
162. *Intrapelvic Nerve Entrapments: Concept, Diagnosis and Treatment.* 47<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Las Vegas, NV, USA, 2018. **International Post Graduate Course Speaker**
163. *Neuroangiogenesis And Myofascial Pain and Their Impact on the Treatment of Intrapelvic Nerve Entrapments.* 47<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Las Vegas, NV, USA, 2018. **International Post Graduate Course Speaker**
164. *Post-Operative Neuralgias.* 1<sup>st</sup> International Congress on Neuropelvicology. International Society of Neuropelvicology, Zurich, Switzerland, 2018. **International Roundtable Speaker**

165. *The LION Procedure for the rehabilitation of people with spinal cord injury – the Brazilian experience.* 1<sup>st</sup> International Congress on Neuropelveology. International Society of Neuropelveology, Zurich, Switzerland, 2018. **International Roundtable Speaker**
166. *Pelvic Neuroanatomy.* Congress of the International Continence Society. Philadelphia, PA, 2018. **International Cadaver Lab Workstation Coordinator**
167. *Plexular neuromodulation for the treatment of spasticity in patient with spinal cord injury.* Interim Congress of the International Neuromodulation Society. Rio de Janeiro, Brazil, 2018. **International Roundtable Speaker**
168. *Pelvic congestion syndrome as a cause of intrapelvic nerve entrapments.* Congress of the Brazilian Society of Interventional Radiology. São Paulo, Brazil, 2018. **International Roundtable Speaker**
169. *How can we improve the diagnosis and management of bladder pain syndrome?* International Consultation for Incontinence Research Society. Bristol, UK, 2018. **International Think Tank Collaborator**
170. *Are there different patterns of detrusor overactivity? Which are clinically relevant?* International Consultation for Incontinence Research Society. Bristol, UK, 2018. **International Think Tank Collaborator**
171. *Endometriosis and Pain: the role of neuroangiogenesis and pelvic floor dysfunction.* 10<sup>th</sup> Italian-Brazilian Congress of Gynecologic Endoscopy. São Paulo, SP, Brazil, 2018. **International Congress Speaker**
172. *Pelvic Neuroanatomy and Nerve Sparing Endometriosis Surgery.* Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2018. **International CME Course Faculty**
173. *Intrapelvic Neuropathies and Neuromodulation.* Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2018. **International CME Course Faculty**
174. *Cadaver Lab Coordinator.* Advanced Retroperitoneal Anatomy and Neuroanatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2018. **International CME Cadaver Lab Coordinator**
175. *Overactive Bladder: thinking beyond urgency.* 3<sup>rd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2018. São Paulo, Brazil. **International Keynote Speaker**
176. *Functional and Surgical Anatomy of the Pelvic Floor.* 3<sup>rd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2018. São Paulo, Brazil. **International RT Speaker**
177. *Anorectal Dysfunction, Urinary Urgency and Chronic Pelvic Pain.* 3<sup>rd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2018. São Paulo, Brazil. **International RT Speaker**

178. *Neuropelveology: A Systematic Approach to the Diagnosis and Management of Complex Pelvic Pain and Pelvic Neuropathies*. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017. **International Workshop Chair**
179. *Live-Interactive Pelvic Neuroanatomy and the Pathways of Pain: Parallel Cadaveric Dissection and Theory*. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017. **International Workshop Faculty**
180. *Differential Diagnosis of Pelvic Pain: A Topographical Diagnostic Analysis*. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017. **International Workshop Faculty**
181. *Intrapelvic Nerve Entrapments: Guidelines for Diagnosis and Management*. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017. **International Workshop Faculty**
182. *Neuroangiogenesis, Myofascial Pain and Their Role in CPP*. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017. **International Workshop Faculty**
183. *Nerve Structures of the Deep Pelvis*. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017. **International Workshop Faculty**
184. *Cadaver Anatomical Dissection Demonstration*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
185. *Pelvic Neuroanatomy and Endometriosis: Nerve-sparing Landmarks and Techniques*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
186. *Classification of the Knots*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
187. *Classification of the Knots*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
188. *Blocking Sequences (Mono and Bimanual Knot Tying)*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
189. *The Perfect Stitch*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
190. *Hands On Cadaver Lab*. Retroperitoneal Pelvic Dissection. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
191. *Pelvic Neuroanatomy and Nerve-Sparing Pelvic Surgery*. Pelvic Floor Dysfunction Week. American Urogynecologic Association. Providence, RI, USA, 2017. **International RT Speaker**
192. *Laparoscopic approach to the pudendal nerve*. 3<sup>rd</sup> Pelvic Pain Course of Fundació Taulí. Sabadell, Barcelona, Spain, 2017. **International RT Speaker**

193. *Female Pelvic Floor*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Oral Podium Session Chair**
194. *Female Lower Urinary Tract Symptoms*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Oral Podium Session Chair**
195. *Live (Robotic) Surgery*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Live Surgery Session Chair**
196. *Urinary retention after slings for female stress urinary incontinence*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Workshop Speaker**
197. *Pudendal Neuralgia and Other Intrapelvic Peripheral Nerve Entrapments - A Neglected Cause of Pain and Pelvic Floor Dysfunction*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Workshop Chair**
198. *Pelvic Neuratomy and Neurophysiology*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Workshop Speaker**
199. *Peripheral Nerve Entrapment – From Diagnosis to Surgical Treatment*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International Workshop Speaker**
200. *Somatic Nerves of the Pelvis and their Relation to Pelvic Pain*. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017. **International RT Speaker**
201. *Female Pelvic Floor Update: 3D Anatomy*. 6<sup>th</sup> International Course of Pelvic Floor Dysfunction, University of Valparaíso. Valparaíso, Chile, 2017. **International Keynote Speaker**
202. *Management of Chronic Pelvic Pain*. 6<sup>th</sup> International Course of Pelvic Floor Dysfunction, University of Valparaíso. Valparaíso, Chile, 2017. **International Roundtable Speaker**
203. *Laparoscopic versus Vaginal approach to Pelvic Organ Prolapse*. 6<sup>th</sup> International Course of Pelvic Floor Dysfunction, University of Valparaíso. Valparaíso, Chile, 2017. **International Keynote Speaker**
204. *Laparoscopic total pelvic mesh reconstruction*. 6<sup>th</sup> International Course of Pelvic Floor Dysfunction, University of Valparaíso. Valparaíso, Chile, 2017. **International Live Surgical Procedure**
205. *Pelvic floor dysfunction due to intrapelvic nerve entrapments – medical negligence?* 52<sup>nd</sup> Congress of the Colombian Society of Urology, Cartagena, Colombia, 2017. **International Keynote Speaker**
206. *What to do when sacral neuromodulation fails or SARS electrodes are lost?* 52<sup>nd</sup> Congress of the Colombian Society of Urology, Cartagena, Colombia, 2017. **International Keynote Speaker**
207. *Recent advances in Neuromodulation*. Educational Course of the Mediterranean Incontinence and Pelvic Floor Society. Enna, Sicily, Italy, 2017. **International Keynote Speaker**
208. *Intrapelvic Neuropathies and Neuromodulation*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
209. *Nerve Sparing Endometriosis Surgery*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**

210. *Pelvic Neuroanatomy and Neurophysiology*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
211. *Hands On Cadaver Lab*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Faculty**
212. *Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis*. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2017. **International Course Chair**
213. *Laparoscopic Neuroanatomy and Neuropreservation*. IX International Congress of the Argentinian Society of Laparoscopic Surgery. Buenos Aires, Argentina, 2017. **International Keynote Speaker**
214. *Neuropelveology: concepts and applications*. IX International Congress of the Argentinian Society of Laparoscopic Surgery. Buenos Aires, Argentina, 2017. **International Keynote Speaker**
215. *Neuropelveology: a new groundbreaking specialty in Medicine*. 2<sup>nd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. São Paulo, Brazil. **International Keynote Speaker**
216. *Thinking Beyond Urgency: differential Diagnosis of Overactive Bladder Syndrome*. 2<sup>nd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. São Paulo, Brazil. **International Workshop Speaker**
217. *Neuromodulation in Overactive Bladder / Laparoscopic Implantation of Neuromodulators*. 2<sup>nd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. São Paulo, Brazil. **International RT Speaker**
218. *Pudendal Neuralgia and other Intrapelvic Nerve Entrapments*. 2<sup>nd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. São Paulo, Brazil. **International RT Speaker**
219. *Pelvic Pain of Myofascial Origin / Clinical Evaluation*. 2<sup>nd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. São Paulo, Brazil. **International RT Speaker**
220. *Neuropelveology*. 13<sup>th</sup> AAGL International Congress on Minimally Invasive Gynecology In partnership with the Federacion Colombiana de Obstetricia y Ginecologia (FECOLSOG). Feb 2017. **International Keynote Speaker**
221. *Changing concepts in pelvic anatomy*. 13<sup>th</sup> AAGL International Congress on Minimally Invasive Gynecology In partnership with the Federacion Colombiana de Obstetricia y Ginecologia. Feb 2017. **International Keynote Speaker**
222. *Diagnosis and Treatment of Intrapelvic Neuropathies*. Grand Rounds of the Department of Obstetrics and Gynecology of the Mt. Sinai Hospital, 2016. Toronto, ON, Canada. **Local Grand Rounds Speaker**



223. *Nerve-sparing treatment of endometriosis, including the sciatic nerve.* 45<sup>th</sup> Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists (AAGL). Orlando, FL, USA, 2016. **International Workshop Faculty**
224. *Pelvic Neuroanatomy and Nerve-Sparring.* Laparoscopic Pelvic Dissection. Saint Louis School of Medicine, Practical Anatomy and Surgical Education. Saint Louis, MO, USA, 2016. **International Keynote Speaker**
225. *Pelvic Neuroanatomy and Nerve-Sparring.* Laparoscopic Pelvic Dissection. Saint Louis School of Medicine, Practical Anatomy and Surgical Education. Saint Louis, MO, USA, 2016. **International Lab Faculty**
226. *Endometriosis and Pain: why does it hurt?* Endometriosis: key questions in endometriosis care. Chilean Society of Reproductive Medicine. Santiago, Chile, 2016. **International Keynote Speaker**
227. *Surgical Treatment of Pelvic Pain.* Endometriosis: key questions in endometriosis care. Chilean Society of Reproductive Medicine. Santiago, Chile, 2016. **International Keynote Speaker**
228. *ICI: Patient Assessment.* Annual Meeting of the International Continence Society. Tokyo, Japan, 2016. **International Committee Member**
229. *Pregnancy, Delivery and the Pelvic Floor.* Annual Meeting of the International Continence Society. Tokyo, Japan, 2016. **International Scientific Session Chair**
230. *Why should Physiotherapy work for urge urinary incontinence?.* Annual Meeting of the International Continence Society. Tokyo, Japan, 2016. **International Workshop Speaker**
231. *Intrapelvic Neuropathies: a neglected cause of pain and LUTS* Annual Meeting of the International Continence Society. Tokyo, Japan, 2016. **International Workshop Speaker**
232. *Pelvic Floor Anatomy and Neurophysiology.* International Symposium of Bladder Dysfunctions. Maastricht, Netherlands, 2016. **International Keynote Speaker**
233. *News in the World – Know more about neuromodulation.* International Symposium of Bladder Dysfunctions. Maastricht, Netherlands, 2016. **International Workshop Speaker**
234. *Pudendal Neuralgia – how to recognize and treat?.* International Symposium of Bladder Dysfunctions. Maastricht, Netherlands, 2016. **International Workshop Speaker**
235. *The Role of Neuronavigation on Endometriosis Surgery.* International Symposium of Endometriosis – Hospital Samaritano. São Paulo, SP, Brazil, 2016. **International Keynote Speaker**
236. *Neuromodulation of Peripheral nerves for rehabilitation of paraplegic patients.* XII Congress the Brazilian Society of Stereotactic and Neurofunctional Surgery. Natal, RN, Brazil, 2016. **International Keynote Speaker**
237. *Neuroanatomy and Neurophysiology of the Pelvic Floor.* International Multidisciplinary Symposium on Pelvic Floor Dysfunction – Albert Einstein Hospital. São Paulo, SP, Brazil, 2016. **International Workshop Speaker**
238. *Neuromodulation in Chronic Pelvic Pain.* International Multidisciplinary Symposium on Pelvic Floor Dysfunction – Albert Einstein Hospital. São Paulo, SP, Brazil, 2016. **International Workshop Speaker**

239. *Intrapelvic Neuropathies and Neuromodulation*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2016. **International Course Faculty**
240. *Nerve Sparing Endometriosis Surgery*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2016. **International Course Faculty**
241. *Pelvic Neuroanatomy and Neurophysiology*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2016. **International Course Faculty**
242. *Hands On Cadaver Lab*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2016. **International Course Faculty**
243. *Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis*. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2016. **International Course Chair**
244. *Volvodynia: what's new? – Neuromodulation*. IX Course of Vulvar Pathology of the São Paulo Chapter of the Brazilian Society of Lower Genital Tract Pathology and Colposcopy. São Paulo, SP, Brazil, 2016. **International RT Speaker**
245. *Neuromodulation in Pelvic Floor Dysfunction*. Academic Week of the Physiotherapy School of the Mackenzie Presbyterian University. São Paulo, SP, Brazil, 2016. **International Keynote Speaker**
246. *Global evaluation of Pelvic Pain*. 65<sup>th</sup> Congress of the Brazilian Colorectal Surgery Society. São Paulo, SP, Brazil, 2016. **International RT Speaker**
247. *Clinical treatment of Endometriosis*. XXI Congress of the São Paulo Society of Obstetrics and Gynecology. São Paulo, SP, Brazil, 2016. **International RT Treatment**
248. *Gynecologic Surgery: Tactics and Techniques*. XXI Congress of the São Paulo Society of Obstetrics and Gynecology. São Paulo, SP, Brazil, 2016. **International RT Chair**
249. *Evaluation of Overactive Bladder: thinking beyond urgency*. XIX Congress of the Rio Grande do Sul Society of Obstetrics and Gynecology. Porto Alegre, RS, Brazil, 2016. **International RT Speaker**
250. *Pelvic Anatomy and Neurophysiology: pain and urinary, anorectal and sexual disorders*. XIX Congress of the Rio Grande do Sul Society of Obstetrics and Gynecology. Porto Alegre, RS, Brazil, 2016. **International Keynote Speaker**
251. *Intrapelvic Neuropathies and Pelvic Floor Dysfunction in Pelvic Cancer Survivors*. III Congress of the Brazilian Association of Gynecologic Oncology / 1<sup>st</sup> Meeting of the Brazilian Chapter of the American Gynecologic Oncology Association. São Paulo, SP, Brazil, 2016. **International Keynote Speaker**
252. *Role of Nerve-Sparing Surgery in Endometriosis and Minimally Invasive Gynecology: is it feasible?*. CME Course in Endometriosis and Minimally Invasive Gynecology. Hospital Sirio Libanês. São Paulo, SP, Brazil, 2016. **International Invited Professor**

253. *Intrapelvic Neuropathies and Neuromodulation*. CME Course in Urology. Department of Surgery, Irmandade da Santa Casa de Misericórdia de São Paulo. São Paulo, SP, Brazil, 2016. **International Invited Professor**
254. *Pelvic Organ Prolapse*. CME Course in Gynecological Endoscopy. Belém, PA, Brazil, 2016. **International Invited Professor**
255. *Live surgery: Nerve-Sparing Deeply Infiltrating Endometriosis Surgery*. CME Course in Gynecological Endoscopy. Belém, PA, Brazil, 2016. **International Invited Professor**
256. *Neuromodulation in the Rehabilitation of Paraplegic Patients*. Interdisciplinary Congress of Neuromodulation and Pain of the University of São Paulo. São Paulo, SP, Brazil, 2016. **International Workshop Speaker**
257. *Pelvic Neurodysfunction*. CME PG Course in Colorectal Surgery – Hospital Sírio Libanês. São Paulo, SP, Brazil, 2016. **International Course Faculty**
258. *Neuroanatomy and Neurophysiology of the Pelvic Floor*. SINAPSIS – Integrated Symposium of Neuromodulation in Pelvic Floor Dysfunction. Curitiba, PR, Brazil, 2016. **International Course Faculty**
259. *Principles of Neuromodulation*. SINAPSIS – Integrated Symposium of Neuromodulation in Pelvic Floor Dysfunction. Curitiba, PR, Brazil, 2016. **International Course Faculty**
260. *Neuromodulation and Pelvic Pain*. SINAPSIS – Integrated Symposium of Neuromodulation in Pelvic Floor Dysfunction. Curitiba, PR, Brazil, 2016. **International Course Faculty**
261. *Cadaver Lab*. SINAPSIS – Integrated Symposium of Neuromodulation in Pelvic Floor Dysfunction. Curitiba, PR, Brazil, 2016. **International Course Faculty**
262. *Neuromodulation of peripheral nerves for the rehabilitation of paraplegic patients*. 12th Brazilian Congress of Stereotaxy and Neurofunctional Surgery. Brazilian Society of Stereotaxy and Neurofunctional Surgery, Natal, RN, Brazil, 2016. **International Keynote Speaker**
263. *Diagnosis and Treatment of Intrapelvic Neuropathies*. Grand Rounds of the Department of Gynecology of the School of Medicine of Saint Louis University. St. Louis, MO, USA, 2016. **International Grand Round Speaker**
264. *Neuromodulation: Mechanisms of Action, Indications and Perspectives*. 1<sup>st</sup> Annual Meeting of the Latin American Pelvic Floor Society, 2016. Bogotá, Colombia. **International Keynote Speaker**
265. *Evaluation of Overactive Bladder, thinking beyond urgency*. 1<sup>st</sup> Annual Meeting of the Latin American Pelvic Floor Society, 2016. Bogotá, Colombia. **International Keynote Speaker**
266. *Pelvic Neuroanatomy and the Laparoscopic Approach to the Lumbosacral Plexus*. CME Course of the School of Medical Sciences of Minas Gerais. Belo Horizonte, MG, Brazil, 2016. **International Speaker**
267. *Neuromodulation and Pelvic Dysfunction*. Academic Physiotherapy Week of the Mackenzie Presbyterian University. São Paulo, SP, Brazil, 2016. **International Keynote Speaker**
268. *Retroperitoneal Anatomy with Focus on Endometriosis*. Course of Deeply Infiltrating Multisectorial Endometriosis. Crispi Institute of Minimally Invasive Surgery, Suprema University, Juiz de Fora, MG, Brazil 2016. **International Keynote Speaker**

269. *Autonomic Preservation: a guide to surgeons*. 2<sup>nd</sup> Workshop of Bowel Endometriosis. Gastroclínica Cascavel. Cascavel, PR, Brazil, 2016. **International RT Speaker**
270. *Intrapelvic Nerve Entrapments: a neglected cause of pelvic and perineal pain*. 2<sup>nd</sup> Workshop of Bowel Endometriosis. Gastroclínica Cascavel. Cascavel, PR, Brazil, 2016. **International Keynote Speaker**
271. *Diagnosis and Treatment of Intrapelvic Nerve Entrapment Syndromes*. Post-ICS/IUGA Congress 2016. ABAFI Holland. Bunnik, Holland, 2016. **International Keynote Speaker**
272. *Neuromodulation: Mechanisms of Action, Indications and Perspectives*. Post-ICS/IUGA Congress 2016. ABAFI Holland. Bunnik, Holland, 2016. **International Keynote Speaker**
273. *Intrapelvic Nerve Entrapments: a neglected cause of pain and LUTS*. 12th Annual Meeting of the Pan-Arab Continence Society, 2016. Abu Dhabi, United Arab Emirates. **International Keynote Speaker**
274. *Sacral Neuromodulation - New Targets and Perspectives*. 12th Annual Meeting of the Pan-Arab Continence Society, 2016. Abu Dhabi, United Arab Emirates. **International Keynote Speaker**
275. *Pelvic Neuroanatomy and Neurophysiology*. 12th Annual Meeting of the Pan-Arab Continence Society, 2016. Abu Dhabi, United Arab Emirates. **International Keynote Speaker**
276. *Diagnosis and Treatment of Intrapelvic Neuropathies*. Faculty Meeting of the International Society of Neuropelveology, 2015. Aarhus, Denmark. **International RT Speaker**
277. *The Function and Purpose of the Visceral Nerves*. 44th AAGL Global Congress, 2015. **International RT Speaker**
278. *New Therapeutic Options for Neurogenic Bladder Dysfunction - The Laparoscopic Approach to Intrapelvic Nerves*. 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC, Canada. **International RT Speaker**
279. *Management of complications of POP surgery*. 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC, Canada. **International Workshop Faculty**
280. *Pelvic Neuroanatomy and Neurophysiology*. 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC, Canada. **International Workshop Faculty**
281. *The laparoscopic approach to intrapelvic nerve entrapments*. 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC, Canada. **International Workshop Faculty**
282. *Pudendal Neuralgia and Other Intrapelvic Peripheral Nerve Entrapment - A Neglected Cause of Pain and Pelvic Floor Dysfunction*. 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC, Canada. **International Workshop Chair**
283. *Pelvic Neuromodulation: indications, mechanisms of action and implantation techniques*. XI National Panamanian Congress of Urology, 2015. Panama City, Panama. **International Keynote Speaker**
284. *Posterior Wall Prolapses*. XI National Panamanian Congress of Urology, 2015. Panama City, Panama. **International Keynote Speaker**

285. *Nerve Sparing Surgery - Tips and Tricks*. Latin American Forum 2015. Johnson&Johnson. Orlando, FL, USA. **International RT Speaker**
286. Latin American Forum 2015. Johnson&Johnson. Orlando, FL, USA. **International Cadaver Lab Faculty**
287. Latin American Forum 2015. Johnson&Johnson. Orlando, FL, USA. **International Cadaver Lab Chairman**
288. *Autonomic and Somatic Innervation of the Pelvis*. 10th Italian-Brazilian Symposium of Gynecologic Endoscopy, 2015. São Paulo, Brazil. **International Workshop Faculty**
289. *The laparoscopic approach to intrapelvic neuropathies*. 10th Italian-Brazilian Symposium of Gynecologic Endoscopy, 2015. **International Keynote Speaker**
290. *Diagnosis and Treatment of Intrapelvic Neuropathies*. International Congress on New Technologies in Obstetrics, Gynecology, Perinatal and Reproductive Medicine, 2015. Novosibirsk, Siberia, Russia. **International Workshop Faculty**
291. *Pelvic Neuroanatomy and Neurophysiology*. International Congress on New Technologies in Obstetrics, Gynecology, Perinatal and Reproductive Medicine, 2015. Novosibirsk, Siberia, Russia. **International Workshop Faculty**
292. *Laparoscopic Implantation of Neuromodulators*. Brazilian Meeting of Bioengineering, 2015. Uberlândia, MG, Brazil. **International Keynote Speaker**
293. *Intrapelvic Neuropathies and Neuromodulation*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2015. **International Course Faculty**
294. *Nerve Sparing Endometriosis Surgery*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2015. **International Course Faculty**
295. *The Intrapelvic Nerve Bundles and Neurophysiology*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2015. **International Course Faculty**
296. *Hands On Cadaver Lab*. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2015. **International Course Faculty**
297. Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis. Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, 2015. **International Course Chair**
298. *Vascular Entrapment of the Sacral Plexus*. 3rd Annual Middle East Society for Gynecological Endoscopy (MESGE) Congress in conjunction with Turkish Society of Gynecologic Endoscopy (TSGE), 2015. Altaya, Turkey. **International Surgeon at Telesurgery Session**
299. *Differential Diagnosis of Chronic Pelvic Pain*. XI Regional Symposium of Obstetrics and Gynecology of Vale do Paraíba. Campos do Jordão, SP, Brazil, 2015. **International Keynote Speaker**

300. *Laparoscopic Dissection of Pelvic Nerves and its Clinical Applications*. 40th Goiás State Congress of Obstetrics and Gynecology. Goiânia, GO, Brazil, 2015. **International Keynote Speaker**
301. *Intrapelvic Neuropathies. What are and how to treat them?*. 1<sup>st</sup> International Neurourology and Urogynecology Symposium of Hospital Militar de Bogotá, 2015. Bogota, Colombia. **International Keynote Speaker**
302. *Anorectal Function and Dysfunction, according to the Integral Theory*. 1<sup>st</sup> International Neurourology and Urogynecology Symposium of Hospital Militar de Bogotá, 2015. Bogota, Colombia. **International RT Speaker**
303. *Neuromodulation of the Lumbosacral Plexus*. 1<sup>st</sup> International Neurourology and Urogynecology Symposium of Hospital Militar de Bogotá, 2015. Bogota, Colombia. **International Keynote Speaker**
304. *Laparoscopy in Neurogenic Pelvic Floor Dysfunction*. 56<sup>th</sup> Brazilian Congress of Obstetrics and Gynecology- FEBRASGO, 2015. Brasília, DF, Brazil. **International Keynote Speaker**
305. *Neuromodulation – for which patients?*. 56<sup>th</sup> Brazilian Congress of Obstetrics and Gynecology- FEBRASGO, 2015. Brasília, DF, Brazil. **International RT Speaker**
306. *Topographic Anatomy and Neuroanatomy of the Lower Genital Tract*. XX São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2015. **International Workshop Faculty**
307. *Current Developments in Endometriosis Care - Healthcare Guidelines*. XX São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2015. **International RT Speaker**
308. *Overactive Bladder - Surgical Neuromodulation*. XX São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2015. **International RT Speaker**
309. *How to Optimize the Treatment of Overactive Bladder – Neuromodulation*. II International Meeting of Minimally Invasive Gynecology - FEGOB/SOBENGI, 2015. Belo Horizonte, MG, Brazil. **International RT Speaker**
310. *What if it is not Endometriosis: Differential Diagnosis of Pelvic Pain - Neuropathic Pain*. II International Meeting of Minimally Invasive Gynecology - FEGOB/SOBENGI, 2015. Belo Horizonte, MG, Brazil. **International RT Speaker**
311. *Neurophysiology, Neuroanatomy and Principles of Neuromodulation*. II International Meeting of Minimally Invasive Gynecology - FEGOB/SOBENGI, 2015. Belo Horizonte, MG, Brazil. **International Workshop Faculty**
312. *Neuromodulation in Chronic Pelvic Pain*. II International Meeting of Minimally Invasive Gynecology - FEGOB/SOBENGI, 2015. Belo Horizonte, MG, Brazil. **International Workshop Faculty**
313. *Nerve-Sparing Endometriosis Surgery*. II International Meeting of Minimally Invasive Gynecology - FEGOB/SOBENGI, 2015. Belo Horizonte, MG, Brazil. **International RT Speaker**

314. *Medical Diagnosis and Treatment of Neurogenic Pelvic Floor Dysfunction*. III Symposium of Physical Therapy in Women's Healthcare, 2015. Fortaleza, CE, Brazil. **International RT Speaker**
315. *Guidelines: a real improvement in Physiotherapeutic Diagnosis and Treatment*. III Symposium of Physical Therapy in Women's Healthcare, 2015. Fortaleza, CE, Brazil. **International RT Speaker**
316. *Pelvic Neuromodulation*. IV International Urogynecology Symposium of the Medical School of the University of São Paulo, São Paulo, SP, Brazil, 2015. **International Video Session Speaker**
317. *Chronic Pelvic Pain: when to operate, what does and what does not work*. 24th Symposium of Obstetrics and Gynecology of Maternidade Sinhá Junqueira, 2015. Ribeirão Preto, SP, Brazil. **International Keynote Speaker**
318. *Apical and Posterior Compartments – which comes first and which comes last*. XXXIII Congress of the Latin-American Urology Confederation, 2014. Punta del Este, Uruguay. **International Workshop Faculty**
319. *Intrapelvic Nerve Entrapment Syndromes: Definition, Symptoms and Treatments*. XXXIII Congress of the Latin-American Urology Confederation, 2014. Punta del Este, Uruguay. **International Workshop Faculty**
320. *Laparoscopic Implantation of Neuromodulators: when? how? why?*. XXXIII Congress of the Latin-American Urology Confederation, 2014. Punta del Este, Uruguay. **International Keynote Speaker**
321. *Prevention and treatment of urinary dysfunctions associated with colectomy*. International Symposium of Pelvic floor Dysfunctions – SINDAP, 2014. Fortaleza, Brazil. **International RT Speaker**
322. *Periarticular Endoscopy: the intrapelvic bundles of the sciatic nerve*. Annual Scientific Meeting of the International Society of Hip Arthroscopy, 2014. Rio de Janeiro, Brazil. **International International Workshop Faculty**
323. *Intrapelvic Neuropathies: diagnosis and surgical treatment*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International Workshop Faculty**
324. *Sacral Nerve Stimulation for chronic pelvic pain syndrome*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International Workshop Faculty**
325. *Chronic pelvic pain syndrome*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International Workshop Faculty**
326. *Neurophysiology of pelvic floor*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International Workshop Faculty**
327. *Pain and Cystitis*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International Scientific Session Chair**
328. *Neuromodulation Round Table: Past, Present and Future*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International SOA Session Chair**
329. *Neurology of Continence*. 44th Annual Meeting of the International Continence Society, 2014. Rio de Janeiro, Brazil. **International Scientific Session Chair**

330. *Neuropelvicological pelvic dysfunctional syndromes - the diagnostic rationale*. ESGE 23rd Annual Congress, 2014. Brussels, Belgium. **International Workshop Faculty**
331. *Nerve Sparing Surgery - Tips and Tricks*. Latin American Forum 2014. Johnson&Johnson. Orlando, FL, USA. **International RT Speaker**
332. Latin American Forum 2014. Johnson&Johnson. Orlando, FL, USA. **International Cadaver Lab Faculty**
333. Latin American Forum 2014. Johnson&Johnson. Orlando, FL, USA. **International Cadaver Lab Chairman**
334. *Pelvic Neuroanatomy and Neurophysiology*. Congress of the Romanian Society of Minimally Invasive Gynecology. Timisoara, Romania, 2014. **International Workshop Speaker**
335. *Intrapelvic Nerve Entrapments*. Congress of the Romanian Society of Minimally Invasive Gynecology. Timisoara, Romania, 2014. **International Workshop Speaker**
336. *Functional Anatomy of the Pelvic Floor According to the Integral Theory*. Post-Graduate CME Course of Colorectal Surgery Sírío Libanês Hospital. São Paulo, Brazil, 2014. **International Course Faculty**
337. *Neurodysfunctions in the Pelvic Surgeon's daily practice: identifying and preventing lesions*. Post-Graduate CME Course of Colorectal Surgery Sírío Libanês Hospital. São Paulo, Brazil, 2014. **International Course Faculty**
338. *Current Treatment of Pelvic Organ Prolapse*. VIII Northern Brazilian Congress of Obstetrics and Gynecology. Belém, Brazil, 2014. **International Keynote Speaker**
339. *Sacral Neuromodulation: Applications in Gynecology*. VIII Northern Brazilian Congress of Obstetrics and Gynecology. Belém, Brazil, 2014. **International Keynote Speaker**
340. *Nerve-Sparing Bowel Endometriosis Surgery*. VIII Northern Brazilian Congress of Obstetrics and Gynecology. Belém, Brazil, 2014. **International Keynote Speaker**
341. *The Gynecologist and the Intrapelvic Nerves*. VIII Northern Brazilian Congress of Obstetrics and Gynecology. Belém, Brazil, 2014. **International Keynote Speaker**
342. *Treatment Alternatives in Patients with Refractory Chronic Pelvic Pain*. IV Endometriosis Workshop of Pérola Byington Hospital. São Paulo, Brazil, 2014. **International RT Speaker**
343. *Sacral Neuromodulation*. 2nd International Pelvic Physical Therapy Congress of Faculdade Inspirar. Curitiba, PR, Brazil, 2014. **International Keynote Speaker**
344. *Urinary Urgency – Medical Point of View*. 2nd International Pelvic Physical Therapy Congress of Faculdade Inspirar. Curitiba, PR, Brazil, 2014. **International RT Speaker**
345. *Neuromodulation-Refractory Urinary Urgency*. 2nd International Pelvic Physical Therapy Congress of Faculdade Inspirar. Curitiba, PR, Brazil, 2014. **International RT Speaker**
346. *Laparoscopic treatment of intrapelvic neuropathic pain*. III International Urogynecology Symposium of the Medical School of the University of São Paulo. São Paulo, Brazil, 2014. **International RT Speaker**
347. *Differential Diagnosis of Chronic Pelvic Pain*. XIX São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, Brazil, 2014. **International RT Speaker**



348. *Treatment of Overactive Bladder: Neuromodulation*. XIX São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, Brazil, 2014. **International RT Speaker**
349. *Differential Diagnosis of Chronic Pelvic Pain – the gynecologic point of view*. XIII Brazilian Congress of Flebology and Linfology, 2014. Ribeirão Preto, Brazil. **International RT Speaker**
350. *Sacral Neuromodulation in Overactive Bladder*. I International Congress of the Brazilian Pelvic Floor Association, 2014. Campinas, Brazil. **International RT Speaker**
351. *Nerve-Sparing Laparoscopic Surgery*. IV Workshop in Gynecologic Surgery of the Brazilian Society of Laparoscopic Surgeons (SOBRACIL) Ceará, 2014. Fortaleza, Brazil. **International Workshop Faculty**
352. *Neuromodulation in Bladder Pain Syndrome*. Annual Meeting of the Department of Urology of the School of Medical Sciences Campinas State University. Campinas, SP, Brazil, 2014. **International RT Speaker**
353. *Step by Step with a pace maker*. Grand Rounds of the Neurology Department of the Federal University of São Paulo. São Paulo, SP, Brazil, 2014. **International RT Speaker**
354. *Alternatives in Patients with Refractory Pelvic Pain*. IV Workshop de Endometriose do Hospital Pérola Byington. São Paulo, SP, Brazil, 2014. **International RT Speaker**
355. *Treatment of Deeply Infiltrating Endometriosis*. 40th Pernambuco State Congress of Obstetrics and Gynecology, Garanhuns, PE, Brazil, 2014. **International Keynote Speaker**
356. *Pelvic Neurodysfunction*. 40th Pernambuco State Congress of Obstetrics and Gynecology, Garanhuns, PE, Brazil, 2014. **International Keynote Speaker**
357. *Diagnostic Workup in Pelvic and Perineal Pain*. Grand Rounds of the Department of Gynecology of the Emory University School of Medicine, 2014. Atlanta, GA. **International Grand Round Speaker**
358. *Neurogenic and non-neurogenic pelvic floor dysfunction: therapeutic options*. VII International Meeting of Obstetrics and Gynecology of Pontificia Universidad Católica de Chile, 2014. Santiago, Chile. **International Keynote Speaker**
359. *Nerve-Sparing Oncologic Surgery*. VII International Meeting of Obstetrics and Gynecology of Pontificia Universidad Católica de Chile, 2014. Santiago, Chile. **International Keynote Speaker**
360. *Assessment and Treatment of Chronic Pelvic Pain*. VII International Meeting of Obstetrics and Gynecology of Pontificia Universidad Católica de Chile, 2014. Santiago, Chile. **International Keynote Speaker**
361. *Refractory Pelvic Pain: what to do when treating endometriosis and myomas doesn't solve the problem?*. XX Peruvian Congress of Obstetrics and Gynecology, 2014. Lima, Peru. **International Keynote Speaker**
362. *What has changed in the use of meshes for the treatment of Pelvic Organ Prolapse*. XX Peruvian Congress of Obstetrics and Gynecology, 2014. Lima, Peru. **International Keynote Speaker**

363. *What is Neuromodulation? Indications, Mechanisms of Action and Implantation Techniques.* XX Peruvian Congress of Obstetrics and Gynecology, 2014. Lima, Peru. **International Keynote Speaker**
364. *Pelvic Organ Prolapse – from the pathogenesis to site specific surgery.* XX Peruvian Congress of Obstetrics and Gynecology, 2014. Lima, Peru. **International RT Speaker**
365. *Surgical Anatomy of the Pelvis: retroperitoneal pathways.* XX Peruvian Congress of Obstetrics and Gynecology, 2014. Lima, Peru. **International Keynote Speaker**
366. *Uterine-Sparing Surgery in Pelvic Organ Prolapse – the Laparoscopic Approach.* The 43rd Annual Meeting of the International Continence Society, 2013. Bracelona, Spain. **International Workshop Faculty**
367. *Anatomy and Imaging.* The 43rd Annual Meeting of the International Continence Society, 2013. Bracelona, Spain. **International Scientific Session Chair**
368. *Functional Anatomy of the Pelvic Floor According to the Integral Theory.* Post-Graduate CME Course of Colorrectal Surgery Sirio Libanês Hospital. São Paulo, SP, Brazil, 2013. **International Course Faculty**
369. *Neurodysfunctions in the Pelvic Surgeon’s daily practice: identifying and preventing lesions.* Post-Graduate CME Course of Colorrectal Surgery Sirio Libanês Hospital. São Paulo, SP, Brazil, 2013. **International Course Faculty**
370. *Etiopathogenesis of urinary incontinence during pregnancy.* International Continence Society Educational Course, 2013. Salvador, Brazil. **International Course Faculty**
371. *Urinary Incontinence in Women.* International Continence Society Educational Course, 2013. Salvador, Brazil. **International Course Faculty**
372. *Prevention of Pelvic Floor Dysfunction During Delivery: episiotomy, when and why?* International Continence Society Educational Course, 2013. Salvador, Brazil. **International Course Faculty**
373. *Neuroanatomy and Neuropreservation: Nerve-Sparing Surgical Concept.* 42nd Global Congress on Minimally Invasive Gynecology - AAGL Annual Meeting, 2013. Washington, DC. **International Course Faculty**
374. *Laparoscopic Neuroanatomy of the Pelvis.* 42nd Global Congress on Minimally Invasive Gynecology - AAGL Annual Meeting, 2013. Washington, DC. **International Hands-On Cadaver Lab Faculty**
375. *Laparoscopic Neuroanatomy of the Pelvis.* 42nd Global Congress on Minimally Invasive Gynecology - AAGL Annual Meeting, 2013. Washington, DC. **International Hands-On Cadaver Lab Chairman**
376. *Painful Bladder Syndrome / Interstitial Cystitis.* IUGA Exchange Program, 2013. Maputo, Mozambique. **International Course Faculty**
377. *Pregnancy and the Pelvic Floor: Prevention of Pelvic Floor Dysfunction.* IUGA Exchange Program, 2013. Maputo, Mozambique. **International Course Faculty**
378. *Functional Anatomy of the Pelvic Floor.* XIX Peruvian Congress of Obstetrics and Gynecology, 2012. Lima, Peru. **International Keynote Speaker**

379. *Controversies on the Treatment of Pelvic Organ Prolapse: Site-Specific Procedures*. XIX Peruvian Congress of Obstetrics and Gynecology, 2012. Lima, Peru. **International RT Speaker**
380. *Management of Complex Urinary Incontinence*. XIX Peruvian Congress of Obstetrics and Gynecology, 2012. Lima, Peru. **International RT Speaker**
381. *Pelvic Organ Prolapse*. 42<sup>nd</sup> Annual Meeting of the International Continence Society, 2012. Beijing, China. **International Scientific Session Chair**
382. *Laparoscopic Dissection of Pelvic Nerves and its Clinical Applications*. International Urogynecological Association Regional Symposium, 2012. Irvine, CA, USA. **International Keynote Speaker**
383. *Evaluation Tools: Other Imaging Modalities*. International Urogynecological Association Regional Symposium, 2012. Irvine, CA, USA. **International RT Speaker**
384. *Laparoscopic Dissection of Pelvic Nerves and its Clinical Applications*. Neuropelveology Workshop for the Fellows in Minimally Invasive Surgery at Stanford University, 2012. **International Workshop Speaker**
385. *Intrapelvic Radiculopathies: definition and clinical presentation*. 9th Italian-Brazilian Symposium of Gynecologic Endoscopy, 2012. São Paulo, Brazil. **International Keynote Speaker**
386. *Laparoscopic Treatment of Pelvic Organ Prolapse: is it worth the learning curve?* 9th Italian-Brazilian Symposium of Gynecologic Endoscopy, 2012. São Paulo, Brazil. **International RT Speaker**
387. *Functional Anatomy of the Pelvic Floor*. International Urogynecological Association Regional Symposium, 2011. São Paulo, Brazil. **International RT Speaker**
388. *Management of Complex Urinary Incontinence*. International Meeting of the Peruvian Society of Obstetrics and Gynecology, 2011. Cuzco, Peru. **International Keynote Speaker**
389. *Pelvic Neurodysfunctions in Gynecologic Practice: chronic pelvic pain and urinary and anorectal dysfunction*. International Meeting of the Peruvian Society of Obstetrics and Gynecology, 2011. Cuzco, Peru. **International Keynote Speaker**
390. *Laparoscopic Dissection of Pelvic Nerves and Its Clinical Applications*. 4th Annual World Robotic Symposium Latin America - Specialty: Gynecology Robotics, 2011. São Paulo, Brazil. **International Keynote Speaker**
391. *Prevention of Post-Operative Adhesions*. 8th Italian-Brazilian Symposium of Gynecologic Endoscopy, 2010. São Paulo, Brazil. **International RT Speaker**
392. *Laparoscopic Treatment of Pelvic Organ Prolapse*. Annual Meeting of the International Urogynecological Association. Como, Italy, 2009. **International Workshop Speaker**
393. *Level II Laparoscopic Anatomy: The Pelvic Floor*. Joint Meeting of the International Society of Gynecological Endoscopy and Sociedade Brasileira de Endometriose, 2009. São Paulo, Brazil. **International RT Speaker**
394. *Important Anatomic Landmarks for Laparoscopic Pelvic Reconstructive Surgery*. Joint Meeting of the International Society of Gynecological Endoscopy and Sociedade Brasileira de Endometriose, 2009. São Paulo, Brazil. **International RT Speaker**

395. *Endometriosis Surgery: where are we? where can we improve?.* 55th Brazilian Congress of Obstetrics and Gynecology. Salvador, BA, Brazil, 2013. **International Keynote Speaker**
396. *Neuropathic Pelvic and Perineal Pain.* 55th Brazilian Congress of Obstetrics and Gynecology. Salvador, BA, Brazil, 2013. **International RT Speaker**
397. *Bowel Endometriosis: when to operate and the best surgical approach.* 55th Brazilian Congress of Obstetrics and Gynecology. Salvador, BA, Brazil, 2013. **International Keynote Speaker**
398. *Laparoscopic approach to Pelvic Organ Prolapse.* 55th Brazilian Congress of Obstetrics and Gynecology. Salvador, BA, Brazil, 2013. **International RT Speaker**
399. *Endometriosis and Pain - Medical Treatment.* 1<sup>st</sup> Brazilian Congress of Minimally Invasive Gynecology – FEGOB/SOBENGE. Vitória, ES, Brazil, 2013. **International RT Speaker**
400. *Pelvic Organ Prolapse and SUI: critical analysis of the use of mesh.* 1<sup>st</sup> Brazilian Congress of Minimally Invasive Gynecology – FEGOB/SOBENGE. Vitória, ES, Brazil, 2013. **International RT Speaker**
401. *Deep gluteal and groin pain: the gynecologists point of view.* V International Course of Hip Preservation Surgery and Arthroscopy. Hip Surgery Division, Department of Orthopedics and Traumatology, Medical Sciences School of Santa Casa de São Paulo, São Paulo, SP, Brazil, 2013. **International RT Speaker**
402. *Office Informatization: useful applications for the gynecologic practice.* XVIII São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2013. **International RT Speaker**
403. *Diagnosis and Treatment of Intrapelvic Nerve-Entrapments.* XVIII São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2013. **International Workshop Faculty**
404. *Key Anatomic Aspects of Pelvic Surgery.* XVIII São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2013. **International Workshop Faculty**
405. *Overactive Bladder: diagnosis and treatment; Neuromodulation.* XVIII São Paulo State Congress of Obstetrics and Gynecology. São Paulo State Society of Gynecology and Obstetrics. São Paulo, SP, Brazil, 2013. **International RT Speaker**
406. *How to access the intrapelvic nerves.* VIII CME Course of the Brazilian Society of Laparoscopic Surgeons (SOBRACIL – SP). São Paulo, SP, Brazil, 2012. **International Keynote Speaker**
407. *The role of laparoscopy at treatment of Pelvic Organ Prolapse.* II Brazilian Congress of Gynecologic Endoscopy and Endometriosis. Brazilian Society of Endometriosis. São Paulo, Brazil, 2012. **International RT Speaker**
408. *The Role of Pelvic Nerves in Chronic Pelvic Pain: from etiology to treatment.* XV São Paulo State Congress of Obstetrics and Gynecology. São Paulo, SP, Brazil, 2012. **International Workshop Faculty**

409. *Complications of Mesh for POP: chronic pelvic pain and dyspareunia*. XV São Paulo State Congress of Obstetrics and Gynecology. São Paulo, SP, Brazil, 2012. **International Workshop Faculty**
410. *- Overactive Bladder: diagnosis and treatment; Neuromodulation*. XV São Paulo State Congress of Obstetrics and Gynecology. São Paulo, SP, Brazil, 2012. **International RT Speaker**
411. *Anorectal Dysfunction According to the Integral Theory*. Post-Graduate CME Course of Colorrectal Surgery Sírío Libanês Hospital. São Paulo, Brazil, 2012. **International Course Faculty**
412. *Neurodysfunctions in the Pelvic Surgeon's daily practice: identifying and preventing lesions*. Post-Graduate CME Course of Colorrectal Surgery Sírío Libanês Hospital. São Paulo, Brazil, 2012. **International Course Faculty**
413. *The role of laparoscopy at the treatment of pelvic organ prolapse*. Grand Rounds of the Women's Healthcare Reference Center of Pérola Byington Hospital, 2012. São Paulo, Brazil. **International Keynote Speaker**
414. *When and how to perform a nerve-sparing technique*. II Symposium of Endometriosis and Pelvic Pain of Santa Catarina Hospital. São Paulo, SP, Brazil, 2012. **International RT Speaker**
415. *Laparoscopic Treatment of Pelvic Organ Prolapse*. Grand Rounds of the Department of Gynecology of Hospital do Servidor Público Municipal. São Paulo, SP, Brazil, 2012. **International Grand Round Speaker**
416. *Functional Anatomy of the Pelvic Floor According to the Integral Theory*. Post-Graduate CME Course of Colorrectal Surgery Sírío Libanês Hospital. São Paulo, SP, Brazil, 2012. **International Course Faculty**
417. *Neurodysfunctions in the Pelvic Surgeon's daily practice: identifying and preventing lesions*. Post-Graduate CME Course of Colorrectal Surgery Sírío Libanês Hospital. São Paulo, SP, Brazil, 2012. **International Course Faculty**
418. *POP Classification vs. Clinical Manifestations: importance to clinical practice*. 53<sup>rd</sup> Brazilian Congress of Obstetrics and Gynecology. Belo Horizonte, MG, Brazil, 2009. **International RT Speaker**
419. *The Role of Traditional Surgeries in the Treatment of Stress Urinary Incontinence*. XIV São Paulo State Congress of Obstetrics and Gynecology. São Paulo, SP, Brazil, 2009. **International RT Speaker**
420. *Anorectal Function and Dysfunction, according to the Integral Theory*. Grand Rounds of the Urogynecology Clinics of the University of São Paulo. São Paulo, SP, Brazil, 2009. **International Grand Round Speaker**
421. *Anorectal Function and Dysfunction, according to the Integral Theory*. 23<sup>rd</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo, 2009. São Paulo, SP, Brazil. **International Workshop Faculty**
422. *Pelvic Organ Prolapse – Classification*. 23<sup>rd</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo, 2009. São Paulo, SP, Brazil. **RT Speaker**

423. *Classification of Pelvic Organ Prolapse*. 1<sup>st</sup> Brazilian Urogynecology Congress. Brazilian Nucleus for Urogynecology. São Paulo, SP, Brazil, 2008. **International RT Speaker**
424. *Vaginal Microbiology and Surgical Treatment: What should we evaluate?* International Amil Symposium of Urogynecology Update. São Paulo, SP, Brazil, 2008. **International RT Speaker**
425. *Physical Therapy for Pelvic Floor Dysfunction: Functional Anatomy of the Pelvic Floor*. 22<sup>nd</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2008. **International Workshop Faculty**
426. *Vaginal Surgery and Pelvic Floor Dysfunction: Etiopathogenesis of Pelvic Floor Dysfunction*. 22<sup>nd</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2008. **International Workshop Faculty**
427. *Surgical Anatomy Tutorial: Vaginal and Laparoscopic Correction of POP*. 22<sup>nd</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2008. **International Workshop Faculty**
428. *Clinical Evaluation of Urinary Incontinence in Women*. Grand Rounds of Hospital Municipal do Campo Limpo. São Paulo, SP, Brazil, 2008. **International Grand Round Speaker**
429. *Live Surgery*. Workshop on the Use of Mesh for the Treatment of Stress Urinary Incontinence and Pelvic Organ Prolapse. Hospital Municipal do Campo Limpo. São Paulo, SP, Brazil, 2008. **International Surgical Tutorial Faculty**
430. *Gynecologic Laparoscopy*. VI Regional Symposium of Surgery of the Brazilian College of Surgeons (CBC-SP). Santos, SP, Brazil, 2008. **International Keynote Speaker**
431. *Vaginal Surgery and Pelvic Floor Dysfunction: Functional Anatomy of the Pelvic Floor*. 21<sup>st</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, SP, Brazil, 2007. **International Workshop Faculty**
432. *Physical Therapy in Pelvic Floor Dysfunction): Update in Pelvic Organ Prolapse*. 21<sup>st</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, SP, Brazil, 2007. **International Workshop Faculty**
433. *Pelvic Organ Prolapse*. 21<sup>st</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, SP, Brazil, 2007. **International RT Chairman**
434. *Current Concepts in Women's Pelvic Anatomy*. Grand Rounds of Hospital Municipal Maternidade-Escola Vila Nova Cachoeirinha. São Paulo, SP, Brazil, 2007. **International Grand Round Speaker**
435. *Anatomical Basis of Pelvic Organ Prolapse: DeLancey's Suspension Levels, Integral Theory, Uterine Prolapse, Vaginal Wall Prolapse, Vaginal Vault Prolapse*. 1<sup>st</sup> Urogynecology and Vaginal Surgery Workshop of Hospital Municipal do Campo Limpo. São Paulo, SP, Brasil, 2007. **International Workshop Faculty**
436. *Transobturator sling*. 1<sup>st</sup> Urogynecology and Vaginal Surgery Workshop of Hospital Municipal do Campo Limpo. São Paulo, SP, Brasil, 2007. **International Live Surgery Faculty**
437. *Endometriosis: symptoms, signs and their diagnostic value*. CME Course - Update in Diagnosis and treatment of Endometriosis. Hospital Vivalle. São José dos Campos, SP, Brasil, 2007. **International RT Speaker**

438. CME Course - Update in Diagnosis and treatment of Endometriosis. Hospital Vivalle. São José dos Campos, SP, Brasil, 2007. **International RT Chairman**
439. *Historical Aspects of the Surgical Treatment of Pelvic Floor Dysfunction*. CME Course – Update on the Surgical Treatment of Pelvic Organ Prolapse. Hospital Vivalle. São José dos Campos, SP, Brazil, 2007. **International RT Speaker**
440. *The role of laparoscopy in the treatment of pelvic floor dysfunction*. CME Course – Update on the Surgical Treatment of Pelvic Organ Prolapse. Hospital Vivalle. São José dos Campos, SP, Brazil, 2007. **International RT Speaker**
441. *Infertility*. CME-Course: Update in Infertility. Hospital Vivalle. São José dos Campos, SP, Brazil, 2007. **International RT Chairman**
442. *Posterior Wall and Vaginal Vault Prolapse*.V Regional Symposium of Surgery of the Brazilian College of Surgeons (CBC-SP). Santos, SP, Brazil, 2007. **International RT Speaker**
443. *The Role of Intervention Radiology in Gynecology*.II International Symposium of Minimally Invasive Surgery in Gynecology and Obstetrics – Alber Einstein Israeli Hospital, 2007. São Paulo, Brazil. **International RT Chairman**
444. *Pathophysiology and Classification of Urinary Incontinence*. CME Course – Update in Urinary Incontinence. Hospital Vivalle. São José dos Campos, SP, Brazil, 2006. **International RT Speaker**
445. *Clinical Treatment of Urinary Incontinence*. 20<sup>th</sup> Obstetrics and Gynecology Congress of the Medical Sciences School of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2006. **International RT Chairman**

## REGIONAL

1. *Pudendal Neuralgia and other Intrapelvic Causes of Neuropathic Pain*. SOGT Talks. Society of Obstetricians and Gynecologists of Toronto. Toronto, ON, Canada, 2017. **Regional Keynote Speaker**
2. *Intrapelvic Neuropathies and Pudendal Neuralgia – A Neglected Cause of Perineal Pain and Pelvic Floor Dysfunction*. ESPM Fall Meeting. Eastern Society of Pelvic Medicine. Toronto, ON, Canada, 2017. **Regional Keynote Speaker**
3. *Pelvic Neuroanatomy and Nerve-Sparing Radical Surgery*. Grand Rounds of the Department of Gynecology of Saint Michael's Hospital. St. Michael's Hospital, Toronto, ON, Canada, 2017. **Regional Grand Round Speaker**

## NATIONAL

1. *Chronic Pelvic Pain*. Journée d'enseignement en chirurgie gynécologique minimalement invasive de l'Université de Montréal. University of Montreal, QC. November 18 2023. **National Visiting Professor**
2. *Laparoscopic Dissection of Intrapelvic Nerve Bundles and Its Clinical Applications*. Lectureship in Pelvic Surgery. University of British Columbia, Vancouver, BC, Canada, 2018. **National Keynote Speaker**

3. *Pudendal Neuralgia due to Intrapelvic Vascular Entrapment of the Sciatic Plexus*. Annual Meeting of the International Urogynecology Society. Vancouver, BC, Canada, 2017. **National Workshop Faculty**
4. *Endometrioma: beyond a simple cyst*. World Congress of Endometriosis. World Society of Endometriosis. Vancouver, Canada, 2017. **National Workshop Faculty**

## LOCAL

1. Principles of Surgical Management of Pelvic Organ Prolapse. University of Toronto. January 24, 2022. **Local Speaker**
2. Differential Diagnosis of Chronic Pelvic Pain. University of Toronto. January 31, 2022. **Local Speaker**
3. Pelvic Neuroanatomy and Nerve Sparing Radical Pelvic Surgery. University of Toronto. February 7, 2022. **Local Speaker**
4. Pudendal Neuralgia and other Intrapelvic Nerve Entrapments. University of Toronto. February 14, 2022. **Local Speaker**
5. *Differential Diagnosis of Chronic Pelvic Pain*. Assessment and Management of Pelvic and Perineal Pain. University of Toronto and Mount Sinai Hospital Department of Obstetrics & Gynaecology. Toronto, ON, Canada. Nov 19<sup>th</sup> 2022. **Local Webinar Speaker**
6. *Chronic Pelvic Pain*. University of Toronto. January 12<sup>th</sup> 2021. **Local Speaker**
7. Pelvic Neuroanatomy and Nerve Sparing and Nerve-Sparing Pelvic Surgery. University of Toronto. November 9, 2020. **Local Speaker**
8. Tips and Tricks in Chronic Pelvic Pain. University of Toronto. November 23, 2020. **Local Speaker**
9. Pelvic Neuroanatomy and Intrapelvic Nerve Entrapments. University of Toronto. November 30, 2020. **Local Speaker**
10. Anatomic Principles of the Surgical Treatment of Pelvic Organ Prolapse. University of Toronto December 7, 2020. **Local Speaker**
11. *Surgical Skills Laparoscopic Skills Curriculum#1* – with Ari Baratz and Nicholas Pairaudeau. University of Toronto. February 19<sup>th</sup> 2019. **Local Speaker**
12. Intrapelvic Neuropathic Pain. University of Toronto. July 24, 2019. **Local Speaker**
13. Pelvic floor functional anatomy and neurophysiology. University of Toronto. August 21, 2019. **Local Speaker**
14. *PGY1 Surgical Skills: Operative Hysteroscopy* – with Ari Baratz, Stephen Im, and Claire Jones. University of Toronto. January 9<sup>th</sup> 2018. **Local Speaker**
15. *PGY1 Surgical Skills: Bladder Repairs* – with Colleen McDermott and Melissa Tai. University of Toronto. January 16<sup>th</sup> 2018. **Local Speaker**
16. *PGY1 Surgical Skills: Bowel and Vascular Repairs* – with Maja Gans. January 30<sup>th</sup> 2018. University of Toronto. **Local Speaker**



17. *PGY1 Surgical Skills: Laparoscopic Skills Curriculum* – with Eli Shore, Ari Baratz, Aparna Sarangapani, and Marie Christakis. University of Toronto. February 13<sup>th</sup> 2018. **Local Speaker**
18. *PGY1 Surgical Skills: Laparoscopic Skills Curriculum* – with Eliane Shore, Ari Baratz, Stephen Im, and Claire Jones. University of Toronto. February 27<sup>th</sup> 2018. **Local Speaker**
19. *PGY1 Surgical Skills: Laparoscopic Skills Curriculum* – with Eliane Shore, Ari Baratz, and Sari Kives. University of Toronto. March 6<sup>th</sup> 2018. **Local Speaker**
20. *PGY2-5 Laparoscopic Skills Curriculum* – with Andrea Page, Grace Yeung, Miriam Ang, Helena Frecker, and Jonathon Solnik. University of Toronto. March 20<sup>th</sup> 2018. **Local Speaker**
21. *PGY2-5 Laparoscopic Skills Curriculum* – with Maja Gans, Melissa Tai, Brian Liu, and Amanda Cipolla. University of Toronto. April 3<sup>rd</sup> 2018. **Local Speaker**
22. *PGY1 Surgical Skills: Laparoscopic Skills Curriculum* – with Eliane Shore, Ari Baratz, Jamie Kroft, and Alexandra Nevin Lam. University of Toronto. April 10<sup>th</sup> 2018. **Local Speaker**
23. *PGY1 Surgical Skills: Laparoscopic Skills Curriculum* – with Eliane Shore and Ari Baratz. University of Toronto. April 24<sup>th</sup> 2018. **Local Speaker**
24. *PGY1 Surgical Skills Laparoscopic Skills Curriculum* – with Eliane Shore, Ari Baratz, and Melissa Tai. University of Toronto. May 1<sup>st</sup> 2018. **Local Speaker**
25. *PGY1 Surgical Skills: Laparoscopic Skills Curriculum* – with Eliane Shore, Ari Baratz, Coleen McDermott, and Andrea Simpson. University of Toronto. February 28<sup>th</sup> 2017. **Local Speaker**
26. *Laparoscopic Skills Curriculum* – with Eliane Shore, Andrea Simpson, and Melissa Tai. University of Toronto. March 28<sup>th</sup> 2017. **Local Speaker**
27. Chronic Pelvic Pain – with Elyse Levinsky, Allan Gordon, and Shabnam Sattari Khavas. University of Toronto. April 25<sup>th</sup> 2017. **Local Speaker**
28. *Laparoscopic Sim Lab*. University of Toronto. July 18<sup>th</sup> 2017. **Local Speaker**

## MEDIA APPEARANCES

1. TV Interview – Endométriose: quand se faire soigner à l'étranger est « la seule solution » <https://ici.radio-canada.ca/tele/le-telejournal-ontario/site/episodes/924850/episode-du-23-juin-2024>
2. Media Article – Endométriose: quand se faire soigner à l'étranger est « la seule solution » <https://ici.radio-canada.ca/recit-numerique/9583/endometriose-douleur-sante-feminine>
3. TV Interview – Canadian endometriosis patients face 'substandard' quality of care: experts <https://globalnews.ca/news/8370287/endometriosis-treatment-canada/>
4. TV Interview – Federal University of São Paulo announces technique that can help paraplegic patients regain part of lost movements. <http://saude.estadao.com.br/noticias/geral,unifesp-lanca-tecnica-que-permite-paraplegico-recuperar-parte-dos-movimentos-perdidos,1505436> [Portuguese]
5. Radio Interview – New technique can bring mobility to spinal cord injured patients. <http://cbn.globo.com/programas/cbn-total/2014/06/04/TECNICA-INEDITA-PODE-TRAZER-MOBILIDADE-EM-PACIENTES-COM-LESAO-MEDULAR-GRAVE.htm#ixzz34BLbiAw2> [Portuguese]

6. Journal Interview - Federal University of São Paulo announces technique for the rehabilitation of paraplegics. <http://www1.folha.uol.com.br/eqilibrioesaude/2014/06/1465169-unifesp-testa-tecnica-para-recuperacao-de-paraplegicos.shtml> [Portuguese]
7. TV Interview – New surgical technique allows for the recovery of lost movements in a paraplegic patient. <http://g1.globo.com/bemestar/noticia/2014/06/cirurgia-inedita-no-pais-ajuda-na-recuperacao-de-paraplegicos.html> [Portuguese]

## G. Teaching and Education

### 1. EVENT ORGANIZATION

1. *Surgical and Clinical Implications of Pelvic, Hip, Spine and Core Neuroanatomy: A multidisciplinary didactic and hands-on cadaver course.* University of Saint Louis. St. Louis, MO, USA. April 19-20, 2022. **International CME Course Chair**
2. *CME Course: 7th Hands-On Advanced Neuroanatomy of the Pelvis: A Simulcast-Based Hands-on Cadaver Course.* University of Saint Louis. St. Louis, MO, USA. April 18-20, 2022. **International CME Course Chair**
3. *CME Course: Fundamentals of Laparoscopic Gynecologic Surgery.* University of Saint Louis. St. Louis, MO, USA. April 18-20, 2022. **International CME Course Chair** *Learn how to be a nerve-sparing surgeon.* University of Saint Louis. St. Louis, MO, USA. April 15-17, 2022. **International CME Course Faculty**
4. *CME Course: Advanced Anatomy and Surgical Techniques for the Management of Deeply Infiltrating Endometriosis.* University of Saint Louis. St. Louis, MO, USA. April 15-17, 2022. **International CME Course Chair**
5. *Pelvic Anatomy Expo: a Multidisciplinary CME Conference on Pelvic, Peineal and Lumbosacral Pain.* University of Saint Louis. St. Louis, MO, USA. April 15-20, 2022. **International CME Multi-Course Event Chair.**
6. *Pelvic Anatomy Expo.* Practical Anatomy Surgical Education Center, St. Louis University. St. Louis, MO, USA, St. Louis, MO, USA, June 5-12, 2023. **International CME Multi-Course Event Chair.**
7. *Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis.* June 6-7 (Spanish Edition) and 8-9 (English edition) 2023. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 40 people (Spanish, Portuguese and English) **CME Course Chair.**
8. *Surgical and Clinical Implications of Pelvic, Hip, Spine and Core Neuroanatomy: A multidisciplinary didactic and hands-on cadaver course and discussion forum.* Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 40 people **CME Course Chair.**
9. *Advanced Surgical Techniques for Management of Endometriosis.* June 5-7, 2023. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 16 people. **International CME Course Chair.**

10. *Fundamentals of Advanced Laparoscopic Surgery in Gynecology*. June 5-7, 2023. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 16 people. **International CME Course Chair.**
11. *Fundamentals of Advanced Laparoscopic Surgery in Gynecology*. May 12-14 2022. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 20 people. **International CME Course Chair.**
12. Assessment and Management of Pelvic and Perineal Pain. University of Toronto and Mount Sinai Hospital Department of Obstetrics & Gynaecology. Toronto, ON, Canada. Nov 19<sup>th</sup> 2022. **Local Webinar Chair.**
13. *NEURO-21 PG Course - Introduction to Neuropelveology: An Anatomical and Clinincal Approach to Complex Pelvic Neuropathies*. 49<sup>th</sup> AAGL Virtual Global Congress. Oct 12<sup>th</sup> 2020. **International Congress Workshop Chair.**
14. **Workshop Chairman.** *Cadaveric Course on Neuropelveological Procedures and Techniques*. AAGL/SEGI International Meeting. Florence, Italy, 2019.
15. **CME Course Chair.** Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis, 2019. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 68 people from 6 different countries
16. **Scientific and Education Committee Chair.** 3<sup>rd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2018. Santiago, Chile. Category: International Congress. Attendance: 650 people from 20 different countries.
17. **Workshop Chairman.** Neuropelveology – a workshop of the International Society of Neuropelveology with emphasis on Neurogynecology. 47<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Las Vegas, NV, USA, 2018
18. **CME Course Chair.** Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis, 2018. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 59 people from 7 different countries
19. **Scientific and Education Committee Chair.** 3<sup>rd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. Mexico City, Mexico. Category: International Congress. Attendance: 650 people.
20. **Workshop Chairman.** Neuropelveology: A Systematic Approach to the Diagnosis and Management of Complex Pelvic Pain and Pelvic Neuropathies. 46<sup>th</sup> AAGL Global Congress on Minimally Invasive Gynecology. American Association of Gynecologic Laparoscopists. Washington, DC, USA, 2017.
21. **Workshop Chairman.** Pudendal Neuralgia and Other Intrapelvic Peripheral Nerve Entrapments - A Neglected Cause of Pain and Pelvic Floor Dysfunction. 47<sup>th</sup> Annual Meeting of the International Continence Society. Florence, Italy, 2017
22. **CME Course Chair.** Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis, 2017. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 80 people from 12 different countries.

23. **Scientific and Education Committee Chair.** 2<sup>nd</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2017. São Paulo, Brazil. Category: International Congress. Attendance: 650 people.
24. **Scientific Committee Chair.** 46th Annual Meeting of the International Continence Society, 2016. Tokyo, Japan. Category: International Congress. Attendance: 2,000 people
25. **Scientific Committee Member.** XXI Congress of the São Paulo Society of Obstetrics and Gynecology, 2016. São Paulo, SP, Brazil. Category: Regional Congress. Attendance: 7,000 people
26. **CME Course Chair.** Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis, 2016. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 40 people
27. **Scientific and Education Committee Chair.** 1<sup>st</sup> Congress of the Latin-American Pelvic Floor Dysfunction Association (ALAPP), 2016. Bogota, Colombia. Category: International Congress. Attendance: 450 people.
28. **CME Course Chair.** Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis, 2015. Practical Anatomy and Surgical Education Center. St. Louis University. St. Louis, MO. Category: CME Practical Cadaver Lab. Attendance: 30 people
29. **Scientific Committee Chair.** 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC. Category: International Congress. Attendance: approx. 1200 people
30. **Workshop Chairman.** Intrapelvic Neuropathies: a neglected cause of pain and LUTS. In: 45th Annual Meeting of the International Continence Society, 2015. Montreal, QC. Category: International Congress Workshop. Attendance: approx. 80 people
31. **Scientific Committee Chair.** II International Meeting of Minimally Invasive Gynecology - FEGOB/SOBENGI, 2015. Belo Horizonte, Brazil.
32. **Scientific Committee Chair.** 1<sup>st</sup> International Congress of the Brazilian Pelvic Floor Association, 2014. Campinas, Brazil. Category: National Congress. Attendance: 300 people
33. **Cadaver Lab Chairman.** Latin American Forum, 2015. Orlando, FL. Category: CME Practical Cadaver Lab. Attendance: 50 people
34. **Scientific Committee Chair.** 44th Annual Meeting of the International Continence Society (ICS), 2014. Rio de Janeiro, Brazil. Category: International Congress. Attendance: approx. 1500 people
35. **Cadaver Lab Chairman.** Latin American Forum, 2014. Orlando, FL. Category: CME Practical Cadaver Lab. Attendance: 50 people
36. **PG Course Chairman.** Intra and Retroperitoneal Pelvic Anatomy with Focus on Neuropreservation and Complication Prevention (Cadaver Lab), 2013. In: 42nd Global Congress on Minimally Invasive Gynecology - AAGL Annual Meeting, 2013. Washington, DC. Category: International Congress Hands-On Cadaver Lab. Attendance: 29 people
37. **Scientific Committee Member.** The 43rd Annual Meeting of the International Continence Society, 2013. Barcelona, Spain. Category: International Congress. Attendance: approx. 2000 people
38. **Scientific Committee Member.** 42nd International Continence Society Annual Meeting, 2012. Beijing, China. Category: International Congress. Attendance: approx. 1500 people

39. **Meeting Chairman.** Meeting of Minimally Invasive Gynecology of Vale Do Paraíba, 2010. São José dos Campos, Brazil. Category: Local CME Meeting Attendance: 150 people
40. **Organizing Committee Member.** Pre-Congress Course of Vaginal Surgery and Pelvic Floor Dysfunction IN: 23<sup>rd</sup> Obstetrics and Gynecology Congress of the School of Medical Sciences of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil. Category: Pre-Congress (Regional) Workshop. Attendance: 300 people
41. **Organizing Committee Member.** 22<sup>nd</sup> Obstetrics and Gynecology Congress of the School of Medical Sciences of Santa Casa de Misericórdia de São Paulo, 2008. São Paulo, Brazil. Category: Regional Congress. Attendance: 1000 people
42. **Organizing Committee Member.** 8th Pre-Congress Course of Vaginal Surgery and Pelvic Floor Dysfunction IN: 22<sup>nd</sup> Obstetrics and Gynecology Congress of the School of Medical Sciences of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2008. Category: Pre-Congress (Regional) Workshop. Attendance: 300 people
43. **Chairman.** CME Course – Update in Infertility, 2007. Hospital Vivalle. São José dos Campos, Brazil. Category: Local CME Workshop. Attendance: 50 people.
44. **Chairman.** CME Course – Update in the Surgical Treatment of Pelvic Organ Prolapse, 2007. Hospital Vivalle. São José dos Campos, Brazil. Category: Local CME Workshop. Attendance: 50.
45. **Chairman.** CME Course – Update in Women’s Healthcare Practice, 2007. Hospital Vivalle. São José dos Campos, Brazil. Category: Local CME Workshop. Attendance: 50.
46. **Chairman.** CME Course – Update in Lower Genital Tract Pathology, 2007. Hospital Vivalle. São José dos Campos, Brazil. Category: Local CME Workshop. Attendance: 50.
47. **Chairman.** CME Course – Update in Diagnosis and Treatment of Endometriosis, 2007. Hospital Vivalle. São José dos Campos, Brazil. Category: Local CME Workshop. Attendance: 50.
48. **Organizing Committee Member.** 7<sup>th</sup> Pre-Congress Course of Vaginal Surgery and Pelvic Floor Dysfunction IN: 21<sup>st</sup> Obstetrics and Gynecology Congress of the School of Medical Sciences of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2007. Category: Pre-Congress (Regional) Workshop. Attendance: 300 people
49. **Chairman.** CME Course – Update in Urinary Incontinence, 2006. Hospital Vivalle. São José dos Campos, Brazil. Category: Local CME Workshop. Attendance: 50 people.
50. **Organizing Committee Member.** 6<sup>th</sup> Pre-Congress Course of Vaginal Surgery and Pelvic Floor Dysfunction IN: 20th Obstetrics and Gynecology Congress of the School of Medical Sciences of Santa Casa de Misericórdia de São Paulo. São Paulo, Brazil, 2006. Category: Pre-Congress (Regional) Workshop. Attendance: 300 people
51. **Student Chairman.** III Introductory Course to the Students League of Diabetes Mellitus, 2003. São Paulo, Brazil. Category: Students League Introductory Course. Attendance: 50 people
52. **Student Chairman.** II Introductory Course to the Students League of Gynecologic Endoscopy, 2003. São Paulo, Brazil. Category: Students League Introductory Course. Attendance: 50 people
53. **Student Chairman.** Introductory Course in Laparoscopy and Experimental Surgery to Ob/Gyn Residents and the Fellows of Gynecologic Endoscopy, 2003. São Paulo, Brazil. Category: Fellowship Introductory Course. Attendance: 34 people

54. **Student Chairman.** Introductory Course to Gynecological Endoscopy: hands on animal lab, 2002. IN: VII São Paulo State Congress of Obstetrics and Gynecology. São Paulo, Brazil. Category: Pre-Congress (Regional) Workshop. Attendance: 80 people
55. **Student Chairman.** Introductory Course in Laparoscopy and Experimental Surgery to Ob/Gyn Residents and the Fellows of Gynecologic Endoscopy, 2002. São Paulo, Brazil. Category: Fellowship Introductory Course. Attendance: 34 people
56. **Student Chairman.** Introductory Course to the Students League of Gynecologic Endoscopy, 2002. São Paulo, Brazil. Category: Students League Introductory Course. Attendance: 50 people
57. **Student Chairman.** II Introductory Course to the Students League of Diabetes Mellitus, 2002. São Paulo, Brazil. Category: Students League Introductory Course. Attendance: 50 people

## 2. INNOVATIONS AND DEVELOPMENT IN TEACHING AND EDUCATION

1. Foundation of the Pelvic Neurodysfunction Division, Department of Gynecology, Federal University of São Paulo.
  - Returning from Switzerland, Nucelio Lemos started working on the creation of his own Division – the Pelvic Neurodysfunction Division. Acting since then as head of this division, implementing research lines, publishing extensively on this innovating topic and effectively educating residents and fellows, who have already started to spread this new knowledge throughout Brazil. Currently, this Division is the only of its nature in Brazil, and attracts volunteers from different specialties and professions, who seek to practice this new field in Medicine. This way, a Division that started with only two gynecologists and two physical therapists now counts on 14 professionals, providing holistic pelvic care to patients with intrapelvic neuropathies and rehabilitating paraplegic patients with spinal cord injuries and selected neuromuscular conditions, as well as conducting two clinical trials, initiated by Dr. Lemos and receiving funds from industry, individual donors, NGOs and Government Funding Agencies.
2. Creation of the teaching methods for “Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis” and foundation of the ICAPS – the International Consort for Anatomy in Pelvic Surgery.
  - Venue: Practical Anatomy and Surgical Education (PASE) Center – Saint Louis University, Saint Louis, MO, USA.

- In 2013, N. Lemos was invited by the American Association of Gynecologic Laparoscopists to chair the PG Cadaver Course during the AAGL Global Congress at that year. The course was very well evaluated and 17 of the 20 attending gynecologists who had never been in touch with pelvic nerves dissection were able to identify and dissect the intrapelvic nerve bundles, proving the step-by-step methodology designed by N. Lemos to be effective. The success of this PG Course lead the Saint Louis University (SJU) to invite N. Lemos to organize an extended version of that course at its PASE Center, in 2015. This organization was performed in conjunction with the main Faculty members of the AAGL PG course, which gave birth to the ICAPS – a group dedicated to the teaching of Anatomy applied to pelvic surgery world-wide by means of providing practical and theoretical courses into national and regional events.
  - The “Advanced Retroperitoneal Anatomy and Neuro-anatomy of the Pelvis” course will have its fifth edition on June 2019 and is sold-out for the fourth consecutive year. It is among the best evaluated courses in the history of the Practical Anatomy and Surgical Education Center of Saint Louis University.
1. Foundation of the Latin American Pelvic Floor Association (ALAPP – *Asociación Latinoamericana de Piso Pélvico*)
    - The ALAPP was created in a joint effort of Prof. Paulo Palma, Dr. Alejandro Tarazona Reyes and Nucelio Lemos, who identified the need for wide-spreading pelvic care knowledge in Latin America, by promoting education and science to all professions and specialties involved in this field, through organizing events and facilitating knowledge exchange with world-class KOLs, breaking language and scientific barriers. The first ALAPP congress was held in Bogota, in March 2016, congregating 449 attendants from 15 countries and being supported by 89 different gynecological, urological, colorectal, nursing and physical therapy societies in Latin America and other parts of the world. Its next congress is going to take place in São Paulo, in March 2017, with an expected attendance of 1.000 people, which will ramp up the Association’s funding to increase its educational activities and mobilization capacities, collaborating to pelvic healthcare with an unprecedented impact and penetration on all different medical and non-medical specialties in Latin America.
  2. Foundation of the International Society of Neuropelveology – The ISON
    - With the growth of Neuropelveology to a progressively more recognized discipline in Medicine, a platform for knowledge exchange and dissemination, as well as the setting of standards of teaching. The ISON was put together from a collaboration between the key leaders in Neuropelveology at the time: Marc Possover, Axel Forman, Benoit Rabischong, Vito Chiantera and Nucelio Lemos

## H. Research Supervision

### MASTERS STUDENTS

2018–2020

Laise Veloso Veras e Silva

Project Title: “Progression of Pelvic Floor Muscle Power after Laparoscopic Implantation of Neuromodulator”  
Role: Co-Mentor  
Status: Concluded

2022–Ongoing      Augusta Morgado Ribeiro  
Project Title: “Impact of chronic nerve stimulation through laparoscopically implanted neuromodulators on the morphology of rectus femoralis muscle of people with chronic spinal cord injury.”  
Role: Mentor  
Status: Recruitment Ongoing

## DOCTORAL STUDENTS

2023-Ongoing      Wellington Contiero  
Project Title: “Impact of chronic nerve stimulation through laparoscopically implanted neuromodulators on cardiorespiratory function of people with chronic spinal cord injury.”  
Role: Mentor  
Status: Recruitment Completed; Data Analysis Ongoing

2023-Ongoing      Augusta Morgado Ribeiro  
Project Title: “Impact of chronic nerve stimulation through laparoscopically implanted neuromodulators on skeletal muscle structure of people with chronic spinal cord injury.”  
Role: Mentor  
Status: Recruitment Completed; Data Analysis Ongoing

## POSTGRADUATE STUDENTS

2018-Ongoing      Laura Cancelliere  
Project Title: “Prevalence of anatomical variants of the piriformis muscle and superior gluteal vessels with potential for intrapelvic nerve entrapments: a cadaver study.”  
Role: Mentor  
Status: Manuscript Submission

2018-Ongoing      Breffini Anglim  
Project Title: Pain resolution and functional outcomes of total mesh excision  
Role: Mentor  
Status: Manuscript Submission

2017-2018      Adriene Li  
Project Title: Laparoscopic implantation of electrodes for bilateral neuromodulation of the pudendal nerves and s3 nerve roots for the treatment of pelvic pain and voiding dysfunction.  
Role: Mentor  
Status: Manuscript Published



2020-Ongoing	Siddhi Mathur Project Title: The Impact of Telemedicine on Management of Chronic Pelvic and Pudendal Pain - Lesson from the COVID Pandemic Role: Mentor Status: Funded; Recruitment ongoing
2021	Corey Sermer Project Title: Intrapelvic entrapment of sacral nerve roots by abnormal bundles of the piriformis muscle: description of an extra-spinal cause of sciatica and pudendal neuralgia Role: Mentor Status: Manuscript Published

## PROJECT STUDENTS

2022-Ongoing	Ryan Chow Project Title: Long-term antibiotic treatment of chronic recalcitrant cystitis – a systematic review Role: Mentor Status: Ongoing literature review
2020-2021	Zi Ying Zhao Project Title: Superior Gluteal Vein Syndrome – an intrapelvic cause of sciatica Role: Mentor Status: Manuscript Published
2020-Ongoing	Dhalia Klein Project Title: The Impact of Telemedicine on Management of Chronic Pelvic and Pudendal Pain - Lesson from the COVID Pandemic Role: Mentor Status: Funded; Recruitment ongoing

## SUMMER STUDENTS

2018	Corey Sermer Project Title: Clinical outcomes of intrapelvic nerve detrapments: Initial results in Canada Funding: \$5,500 (\$2,750 from the Chair's Summer Student Program + \$2,750 of Divisional matching)
2019	Andrea Rossos Project Title: The impact of baclofen-gabapentin suppositories on chronic pelvic pain Funding: \$5,500 (\$2,750 from the CREMS Program + \$2,750 of Divisional matching)
2020	Lyon Qiao Project Title: Targeted delivery of sodium channel antagonists delivered via implanted catheter systems for the treatment of post-decompression neuralgias

Funding: \$5,500 (\$2,750 from the Chair's Summer Student Program + \$2,750 of Divisional matching)

- 2021      Zikra Awosanmi  
Project Title: The Impact of Telemedicine on Management of Chronic Pelvic and Pudendal Pain: Lesson from the COVID Pandemic  
Funding: \$5,500 (\$2,750 from the Chair's Summer Student Program + \$2,750 of Divisional matching)
- 2022      Ryan Chow  
Project Title: The impact of prolonged antimicrobial therapy on the treatment of LUTS related to chronic recalcitrant cystitis  
Funding: \$5,500 (\$2,750 from the Chair's Summer Student Program + \$2,750 of Divisional matching)
- 2023      Robbie Kloosterman  
Project Title: The Impact of Telemedicine on Management of Chronic Pelvic and Pudendal Pain: Lesson from the COVID Pandemic  
Funding: \$5,500 (\$2,750 from the Chair's Summer Student Program + \$2,750 of Divisional matching)
- 2023      Liam Doyle  
Project Title: The impact of prolonged antimicrobial therapy on the treatment of LUTS related to chronic recalcitrant cystitis  
Funding: \$5,500 (\$2,750 from the Chair's Summer Student Program + \$2,750 of Divisional matching)
- 2024      Raeesha Rajan  
Project Title: Impact of Nerve-Sparing Surgery for Deeply Infiltrating Endometriosis on Bladder Function: a Retrospective Cohort Study  
Funding: \$5,500 (\$2,750 from the CREMS Program + \$2,750 of Divisional matching)
- 2024      Danielle Tsirulnikov  
Project Title: Surgical Management of Mesh Complications  
Funding: \$5,500 (the Pelvic Pain Research Fund)