SUFU 2019 Winter Meeting
February 26 – March 2, 2019
InterContinental Miami Hotel
Miami, Florida

PROGRAM COMMITTEE:
Sandip Prasan Vasavada, MD (Chair)
J. Quentin Clemens, MD (Co-Chair)
Benjamin M. Brucker, MD
Anne P. Cameron, MD, FPMRS
Anne M. Suskind, MD, MS
Georgi V. Petkov, PhD (Basic Science Committee Chair)
H. Henry Lai, MD (Basic Science Committee Co-Chair)

JOINTLY PROVIDED BY:
Creighton University Health Sciences Continuing Education and the Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction

PROGRAM BOOK #SUFU19
| Welcome Message                                                                 | 2 |
| 2019 Abstract Reviewers                                                        | 3 |
| Schedule-At-A-Glance                                                          | 4 |
| Board of Directors & Committee Listing                                         | 7 |
| Who to Follow #SUFU19                                                          | 9 |
| 2018 SUFU Grant Recipients                                                    | 10 |
| Educational Needs & Objectives                                                | 11 |
| Accreditation Statement                                                        | 13 |
| SUFU Foundation Donors Acknowledgment                                         | 14 |
| Thank You 2019 Promotional Partners                                           | 15 |
| Thank You 2019 Contributors & Exhibitors                                      | 16 |
| Industry Satellite Symposium Events                                           | 17 |
| General Meeting Information                                                   | 18 |
| Hotel Maps                                                                     | 19 |
| Functions                                                                     | 21 |
| Mark Your Calendar                                                            | 22 |
| Scientific Program                                                            | 23 |
| Scientific Program: Tuesday, February 26, 2019                                | 23 |
| Scientific Program: Wednesday, February 27, 2019                             | 27 |
| Scientific Program: Thursday, February 28, 2019                              | 33 |
| Scientific Program: Friday, March 1, 2019                                    | 50 |
| Scientific Program: Saturday, March 2, 2019                                  | 72 |
| 2019 Annual Business Meeting                                                  | 85 |
| 2019 Fellows Forum Program                                                    | 86 |
| Invited Speakers Lecture Summaries                                            | 88 |
| Abstract Book                                                                 |
Dear SUFU Members,

This year marks a momentous occasion in our Society; our 50th Anniversary of what is now the SUFU Winter Meeting! While many consider SUFU to be a young society, fifty years ago our forefathers established the meeting, which evolved to what was initially known as the Urodynamics Society! The first meeting convened at the San Francisco Hilton on May 12, 1969, and the society was formally organized in 1978 under the leadership of Dr. Saul Boyarsky. We have come a long way since that time, with our membership having grown from approximately 30 members to over 650.

SUFU has been dedicated to the education of physicians and health care professionals who have a passion for providing care focused on lower urinary tract function and pelvic floor reconstruction. During these 50 years, SUFU has been involved in many important initiatives, including the development of a robust fellowship network as well as contributing to the establishment of Female Pelvic Medicine and Reconstructive Surgery (FPMRS) as an officially recognized and board certifiable subspecialty of medicine.

Our fellows and members continue to achieve throughout the world, both academically and clinically, and we look forward to the next 50 years of SUFU with excitement. The Society is currently embarking on new directions, such as patient education and healthcare policy, and collaborations with a variety of other professional societies.

One of the pillars of our Society is the ability provide a culture that fosters excellent education, collaboration, and collegiality through our meetings and communications, for you, our valued members. We strive to create a cohesive group that represents the collective interests and ideas of the membership in an effort to ensure that SUFU is an even stronger society 50 years from now!

We wish to extend a heartfelt thank you to each and every SUFU member for your continued support of SUFU and its mission and hope you will join us in the celebration of our 50th Anniversary in style!

Best Regards,
Sandip P. Vasavada, MD
SUFU Vice President
We thank each reviewer for the timely review of the abstracts and for conforming to the scoring grid. We gratefully acknowledge the participation of:

A. Lenore Ackerman, MD, PhD
Anne P. Cameron, MD, FPMRS
Maude Carmel, MD, FRCSC
Christopher J. Chermansky, MD
Julie Christianson, PhD
Doreen E. Chung, MD, FRCSC
Seth A. Cohen, MD
Lindsey Cox, MD
Vivian Cristofaro, PhD
Benjamin E. Dillon, MD
Karyn S. Eilber, MD, FPMRS
Daniel S. Elliott, MD
Matthew O. Fraser, MD
Alexander Gomelsky, MD
Christopher S. Gomez, MD
Priyanka Gupta, MD
Adonis K. Hijaz, MD
Melissa R. Kaufman, MD, PhD
Richard T. Kershen, MD
Aqsa A. Khan, MD
Rose Khavari, MD
Sang Don Koh, MD, PhD
Jason M. Kim, MD
H. Henry Lai, MD
Yahir Lastra-Santigo, MD

John P. Lavelle, MD, FRCSI
Nikke Le, MD
Una J. Lee, MD, FPMRS
Sara M. Lenherr, MD, MS, FPMRS
Alvaro Lucioni, MD
Ayman Mahdy, MD, PhD
John Malysz, PhD
Kurt S. McCammon, MD
Arthur P. Mourtzinos, MD, MBA
Karen L. Noblett, MD, MAS
Priya Padmanabhan, MD, FACS
Georgi V. Pelkov, PhD
Javier Pizarro-Berdichevsky, MD, FPMRS
Michael A. Pontari, MD
C.R. Powell II, MD
Larissa V. Rodriguez, MD, FPMRS
Matthew P. Rutman, MD
Jaspreet S. Sandhu, MD
John Speich, PhD
John T. Stoffel, MD
Maryrose P. Sullivan, PhD
Anne M. Suskind, MD, MS
Yingchun Zhang, PhD
Jack M. Zuckerman, MD

We would also like to thank the 2019 SUFU Video Award Review Committee:

2019 SUFU Video Award Review Committee

Toby C. Chai, MD (Chair)
Lysanne Campeau, MDCM, PhD, FRCSC
Lindsey Cox, MD
Lara MacLachlan, MD
Christopher F. Tenggardjaja, MD

Lastly, we would also like to thank the 2019 SUFU Essay Competition Reviewers:

Basic Science Essay Reviewers

H. Henry Lai, MD (Chair)
Maryrose Sullivan, PhD
John Malysz, PhD

Clinical Essay Reviewers

Tracey Wilson, MD (Chair)
Jason Gilleran, MD
Lysanne Campeau, MDCM, PhD, FRCSC
### Schedule at a Glance

All sessions will be located in **Versailles Grand Ballroom, Level 2, Mezzanine**, unless otherwise noted.

#### TUESDAY, FEBRUARY 26, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 a.m. – 5:00 p.m.</td>
<td>Registration/Information Desk - Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>11:00 a.m. – 5:00 p.m.</td>
<td>Speaker Ready Room - Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Panel 1: Functional Roles of Ion Channels in Bladder</td>
</tr>
<tr>
<td>2:35 p.m.</td>
<td>Keynote Lecture: TRP Ion Channel Superfamily: Novel Targets for Therapeutic Development</td>
</tr>
<tr>
<td>3:35 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>3:50 p.m.</td>
<td>Panel 2: Limbic System Influence and Dysregulation in Urologic Pain Syndromes</td>
</tr>
<tr>
<td>5:05 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>5:20 p.m.</td>
<td>*Basic Science Poster Session I</td>
</tr>
</tbody>
</table>

#### WEDNESDAY, FEBRUARY 27, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. – 6:30 p.m.</td>
<td>Registration/Information Desk - Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 a.m. – 6:30 p.m.</td>
<td>Speaker Ready Room - Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:30 a.m. – 8:30 a.m.</td>
<td>Breakfast - Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>12:20 p.m. – 1:20 p.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30 p.m. – 5:45 p.m.</td>
<td>*Fellows Forum - Junior Ballroom, Lobby Level (Participating Fellows Only)</td>
</tr>
<tr>
<td>4:00 p.m. – 5:00 p.m.</td>
<td>Urology Fellowship Program Director’s Meeting - Balmoral, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 p.m. – 8:30 p.m.</td>
<td>Welcome Reception with Industry Partners - Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Welcome</td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td>Panel 3: Roles of Mitochondrial Dysfunction and Oxidative Stress in Bladder Health and Disease</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Break</td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Keynote Lecture: Neuro-Urology: From Bench to Bedside</td>
</tr>
<tr>
<td>11:15 a.m.</td>
<td>Top 10 Basic Science Abstract Presentations</td>
</tr>
<tr>
<td>12:20 p.m.</td>
<td>Lunch - Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>1:20 p.m.</td>
<td>2019 Basic Science Prize Essay Award Presentation</td>
</tr>
<tr>
<td>1:35 p.m.</td>
<td>Panel 4: NIH LURN: Symptoms of Lower Urinary Tract Dysfunction Research Network</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>3:15 p.m.</td>
<td>Panel 5: Central Sensitization</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>4:45 p.m.</td>
<td>*Basic Science Poster Session II</td>
</tr>
</tbody>
</table>

#### THURSDAY, FEBRUARY 28, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 a.m. – 6:30 p.m.</td>
<td>Registration/Information Desk - Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:30 a.m. – 6:30 p.m.</td>
<td>Speaker Ready Room - Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:30 a.m. – 3:30 p.m.</td>
<td>Exhibit Hall Open - Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:45 a.m. – 7:30 a.m.</td>
<td>Breakfast in the Exhibit Hall - Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:45 a.m. – 7:30 a.m.</td>
<td>Residents and Fellows Breakfast - Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>11:50 a.m. – 1:00 p.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>7:30 a.m.</td>
<td>*Introduction</td>
</tr>
<tr>
<td>7:35 a.m.</td>
<td>State of the Art Lecture: Imaging in Setting of Neuromodulation, Is it Time to Revisit?</td>
</tr>
<tr>
<td>7:50 a.m.</td>
<td>*SUFU Awards Presentation</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Point-Counterpoint: Antibiotic Prophylaxis Use in Office FPMRS</td>
</tr>
<tr>
<td>8:15 a.m.</td>
<td>Panel: Where Urodynamics are Invaluable in 2019</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>Point-Counterpoint: Vaginal Vault Suspensions - Doomed to Failure?</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Break - Visit with Exhibitors</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Panel: Salvaging a Neuromodulation Implant</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Expert Surgical Theater: Detailed Surgical Discussion of Surgical Technique: Fascial Sling</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>MIPS Lecture: Pessary as a Conservative Management Option for Prolapse in Mediterranean Women</td>
</tr>
<tr>
<td>11:20 a.m.</td>
<td>Distinguished Service Award Lecture</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>NAFC Award Presentation</td>
</tr>
<tr>
<td>11:35 a.m.</td>
<td>Have the New Guidelines Changed How We Manage BPH in 2019</td>
</tr>
<tr>
<td>11:50 a.m.</td>
<td>Industry Sponsored Lunch Symposium - Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>IC/Pelvic Pain/Geriatrics/ BPH Podium Session</td>
</tr>
<tr>
<td>2:20 p.m.</td>
<td>Blaivas Lectureship: Lifetime Achievement Award Winner</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>State of the Art Lecture: Vulvar Disorders</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>What to Do When You Get Near the End of the IC Guidelines</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Male Incontinence/Urodynamics Moderated Podium Session</td>
</tr>
<tr>
<td>5:45 a.m.</td>
<td>Zumba - Sevilla, Lobby Level</td>
</tr>
<tr>
<td>6:00 a.m.</td>
<td>Speaker Ready Room - Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:00 a.m.</td>
<td>Breakfast in the Exhibit Hall - Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:15 a.m.</td>
<td>Registration/Information Desk - Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>Exhibit Hall Open - Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>11:50 a.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>Cocktail Hour - Awards Recognition in Exhibit Hall - Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>SUFU 50th Anniversary Celebration - Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Annual Business Meeting</td>
</tr>
<tr>
<td>8:15 a.m.</td>
<td>Pelvic Organ Prolapse/Reconstruction Podium Session</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>State of the Art: Opioid Use in FPMRS - Where Are We at in 2019?</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Break - Visit with Exhibitors</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>SUFU Foundation Grant Presentations</td>
</tr>
<tr>
<td>10:45 a.m.</td>
<td>The Toughest Reconstruction Cases in FPMRS</td>
</tr>
<tr>
<td>11:25 a.m.</td>
<td>Update From the SUFU Research Network (SuRN)</td>
</tr>
<tr>
<td>11:35 a.m.</td>
<td>What's Keeping You Up at Night? An Update on Nocturia</td>
</tr>
<tr>
<td>11:50 a.m.</td>
<td>Industry Sponsored Lunch Symposium - Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Physician Burnout - What To Do About It</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Point-Counterpoint - The Destroyed Female Urethra</td>
</tr>
<tr>
<td>1:50 p.m.</td>
<td>Expert Surgical Theater: Detailed Surgical Discussion of Surgical Technique - Vaginal Apical Suspensions</td>
</tr>
<tr>
<td>2:15 p.m.</td>
<td>ICS Lecture: Intrinsic Sphincter Deficiency: Lessons Learned</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>The Journal of Neurourology and Urodynamics: Peer Review Course - Learn How to Effectively Review Manuscripts* - Chopin Ballroom, Level 2, Mezzanine (Pre-Registered Attendees Only)</td>
</tr>
</tbody>
</table>
**3:00 p.m.** | Zimskind Lecture
---|---
**3:10 p.m.** | Individualized Therapies for BPH - Case Based Panel Discussion
**3:40 p.m.** | Registries in FPMRS: Should We Sign Up All of Our Patients?
**3:50 p.m.** | SUFU Foundation Grant Presentations
**4:00 p.m.** | Neuromodulation/OAB Moderated Podium Session
**5:00 p.m.** | SUFU 2019 Winter Meeting Schedule - At-A-Glance

**3:00 p.m.** | Neurulation/OAB Moderated Podium Session
**3:10 p.m.** | IC/Pelvic Pain/Geriatrics/BPH Moderated Poster Session
**3:40 p.m.** | IC/Pelvic Pain/Geriatrics/BPH/LUTS Non-Moderated Poster Session*

<table>
<thead>
<tr>
<th>3:00 p.m.</th>
<th>SUFU 2019 Winter Meeting Schedule - At-A-Glance</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 p.m.</td>
<td>Zimskind Lecture</td>
</tr>
<tr>
<td>3:40 p.m.</td>
<td>Registries in FPMRS: Should We Sign Up All of Our Patients?</td>
</tr>
<tr>
<td>3:50 p.m.</td>
<td>SUFU Foundation Grant Presentations</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Neuromodulation/OAB Moderated Podium Session</td>
</tr>
<tr>
<td>3:10 p.m.</td>
<td>IC/Pelvic Pain/Geriatrics/BPH Moderated Poster Session</td>
</tr>
<tr>
<td>3:40 p.m.</td>
<td>IC/Pelvic Pain/Geriatrics/BPH/LUTS Non-Moderated Poster Session*</td>
</tr>
</tbody>
</table>

**SCHEDULE - AT- A- GLANCE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00</td>
<td>Zimskind Lecture</td>
</tr>
<tr>
<td>3:10</td>
<td>Individualized Therapies for BPH - Case Based Panel Discussion</td>
</tr>
<tr>
<td>3:40</td>
<td>Registries in FPMRS: Should We Sign Up All of Our Patients?</td>
</tr>
<tr>
<td>3:50</td>
<td>SUFU Foundation Grant Presentations</td>
</tr>
<tr>
<td>4:00</td>
<td>Neuromodulation/OAB Moderated Podium Session</td>
</tr>
<tr>
<td>4:10</td>
<td>IC/Pelvic Pain/Geriatrics/BPH Moderated Poster Session</td>
</tr>
<tr>
<td>4:40</td>
<td>IC/Pelvic Pain/Geriatrics/BPH/LUTS Non-Moderated Poster Session*</td>
</tr>
</tbody>
</table>

**5:00   | SUFU 2019 Winter Meeting Schedule - At-A-Glance**

**SATURDAY, MARCH 2, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 a.m.</td>
<td>Speaker Ready Room - Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:30 a.m.</td>
<td>Registration/Information Desk - Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:30 a.m.</td>
<td>Breakfast - Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>Video Session II</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Female Urology/Incontinence Moderated Podium Session</td>
</tr>
<tr>
<td>8:10 a.m.</td>
<td>UUTS/Voiding Dysfunction/Neurogenic Bladder Moderated Podium Session</td>
</tr>
<tr>
<td>8:40 a.m.</td>
<td>Pelvic Organ Prolapse/Reconstruction Moderated Poster Session</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Panel: How to Get a Novel Device FDA Approved*</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Case Based Coding in FPMRS</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Pelvic Organ Prolapse/Reconstruction/Neurogenic Bladder and Female Urology Non-Moderated Poster Session*</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Pelvic Organ Prolapse/Reconstruction/Neurogenic Bladder and Female Urology Non-Moderated Poster Session*</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Pelvic Organ Prolapse/Reconstruction/Neurogenic Bladder and Female Urology Non-Moderated Poster Session*</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
# Board of Directors & Committee Listings

## 2018-2019

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>President</strong></td>
<td>Kathleen C. Kobashi, MD, FACS</td>
<td>Virginia Mason Medical Center, Seattle, WA</td>
</tr>
<tr>
<td><strong>Vice President</strong></td>
<td>Sandip P. Vasavada, MD</td>
<td>Cleveland Clinic Foundation, Cleveland, OH</td>
</tr>
<tr>
<td><strong>Secretary/Treasurer</strong></td>
<td>David A. Ginsberg, MD</td>
<td>USC, Los Angeles, CA</td>
</tr>
<tr>
<td><strong>Immediate Past President</strong></td>
<td>Gary E. Lemack, MD</td>
<td>UT Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td><strong>Past President</strong></td>
<td>Eric S. Rovner, MD</td>
<td>Medical University of South Carolina, Charleston, SC</td>
</tr>
<tr>
<td><strong>SUFU Foundation President</strong></td>
<td>Victor W. Nitti, MD</td>
<td>UCLA, Los Angeles, CA</td>
</tr>
<tr>
<td><strong>Members-at-Large</strong></td>
<td>Anne P. Cameron, MD</td>
<td>University of Michigan, Ann Arbor, MI</td>
</tr>
<tr>
<td></td>
<td>Howard B. Goldman, MD</td>
<td>Cleveland Clinic Foundation, Cleveland, OH</td>
</tr>
<tr>
<td></td>
<td>Alexander Gomelsky, MD</td>
<td>Louisiana State University, Shreveport, LA</td>
</tr>
<tr>
<td></td>
<td>Michael J. Kennelly, MD</td>
<td>Women’s Center for Pelvic Health, Charlotte, NC</td>
</tr>
<tr>
<td></td>
<td>W. Stuart Reynolds, MD</td>
<td>Vanderbilt University Medical Center, Nashville, TN</td>
</tr>
<tr>
<td></td>
<td>Nirit Rosenblum, MD</td>
<td>NYU Urology Associates, New York, NY</td>
</tr>
<tr>
<td><strong>STANDING COMMITTEE CHAIRS</strong></td>
<td><strong>Communication Website Committee Chair</strong></td>
<td>Toby C. Chai, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Health Policy Committee Chair</strong></td>
<td>J. Quentin Clemens, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Membership Committee Chair</strong></td>
<td>Victor W. Nitti, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Residency Education Committee Chair</strong></td>
<td>Stephen R. Kraus, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Education Committee Chair</strong></td>
<td>Michael E. Albo, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Basic Science Committee Chair</strong></td>
<td>Georgi V. Petkov, PhD</td>
</tr>
<tr>
<td></td>
<td><strong>Basic Science Committee Co-Chair</strong></td>
<td>H. Henry Lai, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Historian</strong></td>
<td>Alan J. Wein, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Editor – The Journal of Neurourology and Urodynamics</strong></td>
<td>Roger R. Dmochowski, MD, MMHC, FACS</td>
</tr>
<tr>
<td></td>
<td><strong>Program Committee</strong></td>
<td>Sandip P. Vasavada, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Basic Science Program Committee</strong></td>
<td>Georgi V. Petkov, PhD</td>
</tr>
<tr>
<td></td>
<td><strong>AUGS Quality of Outcome Committee</strong></td>
<td>Michael E. Albo, MD</td>
</tr>
<tr>
<td></td>
<td><strong>AUGS Coding and Reimbursement Committee</strong></td>
<td>Toby C. Chai, MD</td>
</tr>
</tbody>
</table>

---

**Table of Contents**

---

**SUFU 2019 Winter Meeting**

---
BOARD OF DIRECTORS

Overactive Bladder Committee
Stephen R. Kraus, MD (Chair)
University of Texas/HSC at San Antonio
San Antonio, TX

Young SUFU Member Committee
Ariana L. Smith, MD
University of Pennsylvania Health System
Philadelphia, PA
W. Stuart Reynolds, MD, MPH
(Advisor)
Vanderbilt University Medical
Nashville, TN

Nominating Committee
Sandip P. Vasavada, MD (Chair)
Cleveland Clinic Foundation
Cleveland, OH

Award Committee
Eric S. Rovner, MD (Chair)
Medical University of South Carolina
Charleston, SC
Deborah R. Erickson, MD
University of Kentucky College of Medicine
Lexington, KY
H. Henry Lai, MD
Yale University School of Medicine
New Haven, CT
Richard Lee, MD, MBA
New York Presbyterian Hospital/Cornell
New York, NY

Executive Office
Two Woodfield Lake
1100 E. Woodfield Road, Suite 350
Schaumburg, IL 60173
(847) 517-7225

Executive Director
Heather Swanson

Special Thank You to 2019 Program Committee Chairs

Program Committee Chairs
Sandip P. Vasavada, MD (Program Chair)
Cleveland Clinic Foundation
Cleveland, OH
J. Quentin Clemens, MD (Co-Chair)
University of Michigan Medical Center
Ann Arbor, MI

Basic Science Program Committee Chairs
Georgi V. Petkov, PhD (Chair)
The University of Tennessee Health Science Center
Memphis, TN
H. Henry Lai, MD (Co-Chair)
Washington University School of Medicine
St. Louis, MO
Who to Follow? 🎉

SUFU SOCIAL MEDIA INFLUENCERS

SUFU @sufuorg
Kathleen Kobashi @KKseattle
Gary Lemack @glemack
Sandip Vasavada @SandipVasavada
Suzette Sutherland @SuzetteESutherl
Seth Cohen @DrSCohen
Leslie Rickey @LeslieRickeyMD
Uro Today.com @urotoday
Neurogenic Bladder Research Group @UroNBRG
Una Lee @Dr UnaLee
Amanda Chung @AmandaSJChung
Yahir Santiago Lastra @YSL_MD
Rena Malik @RenaMalikMD
Nitya Abraham @NityaAbraham
Hadley Wood @doc_h_wood
Gina Badalato @GMBadalato
Jen Anger @JenAngerMD
American Urological Association @AmerUrological

REMEMBER TO USE #SUFU19
2018 Chemodenervation – Allergan Grant Recipients

Tope Rude, MD – University of Southern California
“Access to OnabotulinumtoxinA Treatment in Neurogenic Detrusor Overactivity”

R. Trafford Crump – University of Calgary
“The Use of Chemodenervation to Treat Overactive Bladder in Elderly Patients”

Unwanaobong Nseyo, MD – UC San Diego
“Multicenter, Prospective Evaluation of Intradetrusor Injections of Botulinum Toxin-A in an Adult Myelomeningocele Population”

Esther Han, DO – Beaumont Health
“Is Less More? Does Decreasing OnabotulinumtoxinA Injection Sites in the Bladder Increase Patient Satisfaction While Maintaining Efficacy?”

2018 Chemodenervation – Allergan Grant Review Committee
Alvaro Lucioni, MD (Chair)
Angelo Gousse, MD
Priyanka Gupta, MD
David Rapp, MD
Anne Suskind, MD

2018 Neuromodulation – Medtronic Grant Recipients

Guilia Lane, MD – University of Michigan
“Impact of Percutaneous Posterior Tibial Nerve Stimulation on Urinary and Global Quality of Life in Multiple Sclerosis”

Jessica Rueb, MD – Cleveland Clinic
“Effect of Pulse Width on Efficacy of Sacral Neuromodulation, A Randomized Cross Over Study”

Katherine Shapiro, MD – University of Pittsburgh
“Superficial Peroneal Nerve Neuromodulation for Non-Obstructive Urinary Retention”

2018 Neuromodulation – Medtronic Grant Review Committee
Leslie Rickey, MD, MPH (Chair)
Ken Peters, MD
Polina Reyblat, MD
Tracey Wilson, MD, FACS

*2018 SUFU Grant Recipients: Sponsored by Allergan and Medtronic
Educational Needs

The 2019 SUFU winter meeting will include both a basic and translational research focus as well as a high-level clinical curriculum. The meeting will be comprised of panel discussions, keynote addresses, and research abstracts on conditions that affect the lower urinary tract and pelvic floor. This format will be utilized to provide an interactive presentation of state-of-the-art knowledge in some of the most active areas in benign urologic research. The overall objective of the meeting will be to disseminate current knowledge in this field and stimulate advanced thinking to further our understanding of the pathophysiology and treatment of pelvic floor disorders.

Though the conditions that will be discussed are benign, it is well-established that they can have a tremendous negative quality of life impact on patients and their families not to mention the huge economic burden they place on society. The educational needs of the attendees are based upon the importance of having a global understanding of pelvic floor disorders in order to optimize the care of our patients with these disorders. The clinical science portion of the meeting will include topics related to male and female incontinence, refractory overactive bladder, neurogenic bladder, recurrent urinary tract infections with appropriate use of antibiotics, nocturia, benign prostatic hypertrophy and its guidelines updates, the role of urodynamics, transitional medicine, and different approaches to pelvic floor reconstruction. In addition, practical and important non-clinical topics such as coding, physician burnout, opioid use in our patients, dermatologic disorders of the vulva and the impact of registries in FPMRS will be covered.

Attendees of the SUFU program should be familiar with these conditions and the latest thinking regarding these important clinical and practice-related topics. The meeting will be designed to encourage and foster interactions and collaboration between clinicians, investigators and basic scientists. Attendees will benefit from dialogue regarding these topics, which will facilitate their ability to provide optimal patient care.

Dr. Scott Earley’s keynote address entitled “TRP Ion Channel Superfamily: Novel Targets for Therapeutic Development” will describe current research designed to elucidate how the transient receptor potential (TRP) superfamily of cation channels contributes to the function of the vasculature, urinary bladder, and other tissue that are of interest to conference attendees. The lecture will present a general overview of the TRP superfamily and will discuss how these channels can be targeted for therapeutic development in specific organ systems. This session will have the potential to significantly improve our understanding of TRP channels in urodynamics.

Dr. Thomas Kessler’s keynote address entitled “Neuro-Urology: From Bench to Bedside” will provide an update on research advances in diagnosis and treatment of neurogenic lower urinary tract dysfunction. The lecture will present an overview of current research in this area and how new knowledge from these investigations is being translated from the laboratory into clinical practice. This session will provide the latest updates in this important area, and dissemination of knowledge from this keynote address will have the potential to significantly improve our understanding of neuro-urology.
Educational Objectives

At the completion of the SUFU 2019 Winter Meeting, attendees will be able to:

1. Explain the roles of ion channels in detrusor smooth muscle function and bladder pathology.
2. Describe the roles of the limbic system and the amygdala in modulating urologic pain.
3. Discuss mitochondrial dysfunction and oxidative stress in bladder health and disease.
4. Describe the findings from the NIH-funded LURN Research Network to study lower urinary tract symptoms (LUTS).
5. Discuss the basic science and clinical presentation of central sensitization in interstitial cystitis, chronic prostatitis, and overactive bladder.
6. Describe the current understanding of the role of TRP channels in physiology/urology.
7. Describe specific TRP channels that are promising drug targets for the treatment of chronic vascular and urological diseases.
8. Describe advances in diagnosis and treatment of neurogenic lower urinary tract dysfunction.
9. Describe advances in translational research in neurogenic lower urinary tract dysfunction.
10. Discuss the options for optimal antibiotic prophylaxis in the Female Pelvic Medicine and Reconstructive Surgery (FPMRS) patient.
11. Discuss caveats of treating refractory overactive bladder (OAB), how to counsel patients, and when to consider lead repositioning and use of novel therapies.
12. Identify the vulvar dermatologic disorders in certain clinical scenarios in FPMRS and how to treat them.
13. Describe approaches to urologic reconstructive in the setting of the most complex neurogenic and non-neurogenic disorders of the urethra and bladder.
14. Explain the updated the American Urological Association (AUA) benign prostatic hyperplasia (BPH) guidelines, including the rationale behind the key points of focus and differences from previous versions of it.
15. Describe the pathophysiology of nocturia and be comfortable with the proper thorough evaluation and treatment of patients with nocturia, taking into consideration the potential contributing factors to their condition.
16. Discuss the phenomenon of physician burnout, its potential causes, and strategies to combat and address this problem.
17. Discuss the role and value of urodynamics in the management of patients with post-prostatectomy incontinence, OAB, stress incontinence and prolapse.
18. Explain the changes brought forth by the evolution of the FPMRS specialty and what might be anticipated in the future.
19. Explain the variety of options available for treatment of BPH, and the pros, cons, and challenges of each of the newer minimally invasive options.
20. Discuss the importance of collaborative research in the advancement of FPMRS and the imperative role of a multi-disciplinary team, with each member bringing a different and important perspective to the table.
21. Explain the proper evaluation and diagnosis of UTIs, preventative strategies based on each individual patient, and appropriate treatment utilizing good stewardship of antibiotics.
22. Discuss the concept and importance of translational research and how it may impact the field of FPMRS.
23. Define FPMRS-specific coding in order to be in compliance with proper practice.
24. Identify the surgical options for apical prolapse, including a variety of vaginal, open abdominal and robotic approaches and be able to discuss the current concepts of vaginal vault suspensions based on new and evolving data.
25. Discuss the important considerations and the pros and cons of each of a variety of treatment options for neurogenic bladder and the considerations associated with each.
26. Identify the challenges of the complex interstitial cystitis patient and how various options may be used in the toughest cases.
27. Explain the challenges with opioid use in the FPMRS patient population and discuss a management plan for patients to limit at risk behaviors.
28. Describe the use of patient registries and the challenges with their implementation.
29. Identify the pros and cons of the versions of the Asymptomatic MicroHematuria Guidelines and the different ways one can approach a patient with (AMH).
30. Identify a management plan for the complex FPMRS patient, their medical issues and how best to prevent complications in them.
CME Accreditation

Category 1
Creighton University Health Sciences Continuing Education designates this live activity for a maximum of 32.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in this activity.

AAPA accepts AMA category 1 credit for the PRA from organizations accredited by ACCME.

Accreditation Statement
In support of improving patient care, this activity has been planned and implemented by Creighton University Health Sciences Continuing Education (HSCE) and the Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction (SUFU). Creighton University Health Sciences Continuing Education (HSCE) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Non-physician healthcare professionals will receive a Certificate of Attendance. For information on the applicability and acceptance of Certificates of Attendance for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME, please consult your professional licensing board.

Disclosure Report
The disclosure report for this meeting was provided to all attendees electronically in advance of the meeting. If you require a printed disclosure report, please visit the registration desk. To access the disclosure report online please visit, sufuorg.com/programbook

General Disclaimer
The statements and opinions contained in this program are solely those of the individual authors and contributors and not of the Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction. The appearance of the advertisements is not a warranty, endorsement, or approval of the products or services advertised or of their effectiveness, quality, or safety. The content of this publication may contain discussion of off-label uses of some of the agents mentioned. Please consult the prescribing information for full disclosure of approved uses. The Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction disclaims responsibility for any injury to persons or property resulting from any ideas or products referred to in the abstracts or advertisements.

Special Assistance
We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you. Call (847) 377-7225 if you require special assistance to fully participate in the meeting.
Thank You Donors

*Nitya Abraham, MD
Ben Abramowitz
**Michael Edward Albo, MD
Cindy L. Amundsen, MD
**Jennifer Anger, MD MPH
Janice L. Arnold, MD
Humphrey Atieho, MD
Gopal H. Badlani, MD
*Thomas Bergstrom
*Peter Bulla
**Jerry G. Blaivas, MD
David A. Bloom, MD
William W. Bonney, MD, MS
Timothy Bolton Boone, MD, PhD
Gary Douglas Bozeman, MD
**Benjamin M. Brucker, MD
David A. Bloom, MD
William W. Bonney, MD, MS
Timothy Bolton Boone, MD, PhD
Gary Douglas Bozeman, MD
**Jerry G. Blaivas, MD
David A. Bloom, MD
William W. Bonney, MD, MS
Timothy Bolton Boone, MD, PhD
Gary Douglas Bozeman, MD
**Benjamin M. Brucker, MD
THANK YOU 2019 PROMOTIONAL PARTNERS
(alphabetical as of 2/8/19)

Platinum Level
Allergan, Inc.
Astellas Pharma US
Axonics Modulation Technologies
Medtronic, Inc.

Silver Level
Coloplast
Ferring Pharmaceuticals
LABORIE
Nuvestra

Bronze Level
Boston Scientific
Neomedic International
THANK YOU 2019 CONTRIBUTORS
(alphabetical as of 2/8/19)

Allergan, Inc.
Amphora Medical
Axonics Modulation Technologies
BTL Industries
Ferring Pharmaceuticals
Medtronic, Inc.
Viveve, Inc.

THANK YOU 2019 EXHIBITORS
(alphabetical as of 2/8/19)

Allergan, Inc.
Allergan Medical Affairs
Astellas Pharma US
Axonics Modulation Technologies
Boston Scientific
BTL Industries
Caldera Medical
Coloplast
Contura Ltd.
Cynosure
ellura (by Trophikos)
Ferring Pharmaceuticals
LABORIE
Medtronic, Inc.
Neomedic International
NeoTract Telefex
Nuvectra
The Prometheus Group
Uromedica
Viveve, Inc.
Industry Satellite Symposium Events

THURSDAY, FEBRUARY 28, 2019

11:50 a.m. - 1:00 p.m.  Industry Sponsored Lunch Symposium  
Location: Chopin Ballroom, Level 2, Mezzanine  
“Global Grand Rounds: Top InterStim™ Success Factors and Myths”  

Speakers:  Kevin Benson, MD, MS  
           Una Lee, MD, FPMRS  

Sponsored By:  Medtronic

FRIDAY, MARCH 1, 2019

11:50 a.m. - 1:00 p.m.  Industry Sponsored Lunch Symposium  
Location: Chopin Ballroom, Level 2, Mezzanine  
“Insights Into the Underpinnings of Nocturia”  

Speakers:  Jeffrey P. Weiss MD, FACS  
           Professor and Chairman  
           Department of Urology  
           SUNY Downstate, College of Medicine  

Sponsored By:  Ferring Pharmaceuticals
MEETING INFORMATION

Registration/Information Desk Hours
Location: Ballroom Foyer, Level 2, Mezzanine

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, February 26</td>
<td>11:00 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Wednesday, February 27</td>
<td>7:00 a.m. – 6:30 p.m.</td>
</tr>
<tr>
<td>Thursday, February 28</td>
<td>6:30 a.m. – 6:30 p.m.</td>
</tr>
<tr>
<td>Friday, March 1</td>
<td>6:15 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Saturday, March 2</td>
<td>6:30 a.m. – 12:00 p.m.</td>
</tr>
</tbody>
</table>

Exhibit Hall Hours
Location: Trianon, Level 2, Mezzanine

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, February 28</td>
<td>6:30 a.m. – 3:30 p.m.</td>
</tr>
<tr>
<td>Friday, March 1</td>
<td>7:00 a.m. – 7:30 p.m.</td>
</tr>
</tbody>
</table>

Speaker Ready Room Hours
Location: Alhambra, Level 2, Mezzanine

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, February 26</td>
<td>11:00 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td>Wednesday, February 27</td>
<td>7:00 a.m. – 6:30 p.m.</td>
</tr>
<tr>
<td>Thursday, February 28</td>
<td>6:30 a.m. – 6:30 p.m.</td>
</tr>
<tr>
<td>Friday, March 1</td>
<td>6:00 a.m. – 5:30 p.m.</td>
</tr>
<tr>
<td>Saturday, March 2</td>
<td>6:30 a.m. – 12:00 p.m.</td>
</tr>
</tbody>
</table>

Registration Fee Includes:
- Entry to Welcome Reception with Industry Partners
- Entry to Cocktail Hour & 50th Anniversary Celebration
- Entry to Scientific Sessions
- Program Materials

SUFU has a green initiative, so instead of cutting down trees to make paper program books, we are cutting down on the use of paper and going electronic, which also cuts costs for the society as a whole. A link to the electronic version of the program book will be available on the website one week before the meeting.

Spouse/Guest Registration Fee Includes:
- Entry to Welcome Reception with Industry Partners
- Entry to Cocktail Hour & 50th Anniversary Celebration

Copyright Notice
Individuals may print out single copies of abstracts or slides contained in this publication for personal, non-commercial use without obtaining permission from the author or SUFU. Permission from both SUFU and the author must be obtained when making multiple copies for personal or educational use, for reproduction for advertising or promotional purposes, for creating new collective works, for resale or for all other uses.

Filming/Photography Statement
No attendee/visitor at the SUFU 2019 Winter Meeting may record, film, tape, photograph, interview, or use any other such media during any presentation, display, or exhibit without the express, advance approval of the SUFU Executive Director. This policy applies to all SUFU members, non-members, guests, and exhibitors, as well as members of the print, online, or broadcast media.
Entry to each evening function is included in attendee and spouse registration fees.

Welcome Reception with Industry Partners

Date: Wednesday, February 27, 2019  
Time: 7:00 p.m. – 8:30 p.m.  
Location: Exhibit Hall, Trianon, Mezzanine Level  
Attire: Business  
Description: Enjoy a beverage and light hors d’oeuvres as you meet with industry partners in the Exhibit Hall.

Annual Award Recognition

Date: Friday, March 1, 2019  
Time: 6:00 p.m. – 7:30 p.m.  
Location: Exhibit Hall, Trianon, Level 2, Mezzanine Level  
Attire: Business

SUFU 50th Anniversary Celebration

Date: Friday, March 1, 2019  
Time: 7:30 p.m. – 9:30 p.m.  
Location: Chopin Ballroom, Level 2, Mezzanine Level  
Attire: Business  
Description: Start the evening at the Annual Awards Ceremony and finish the evening at the special 50th Anniversary Celebration where SUFU will honor Dr. Emil Tanagho, one of the founders of the first meeting in 1969 that became the current SUFU Winter Meeting!

Zumba

Date: Friday, March 1, 2019  
Time: 5:45 a.m. – 6:30 a.m.  
Location: Sevilla, Lobby Level  
Attire: Comfortable exercise or workout clothing  
Description: The Zumba event is currently sold out. Please visit the Registration/Information Desk in the Ballroom Foyer, Level 2, Mezzanine to be added to the wait-list.
SUFU at the AUA 2019
May 3, 2019
12:30 p.m. – 4:30 p.m.
Meeting Room W470
McCormick Place Convention Center West Building
Chicago, Illinois

SUFU Research Foundation Resident Preceptorship 2019
Nominations opening April 2019
August 2 – 4, 2019
Loews Chicago O’Hare
Rosemont, Illinois

SUFU 2020 Winter Meeting
February 25 – 29, 2020
JW Marriott Scottsdale Camelback Inn
Scottsdale, Arizona
TUESDAY, FEBRUARY 26, 2019

OVERVIEW

11:00 a.m. - 5:00 p.m. Speaker Ready Room Hours
Location: Alhambra, Level 2, Mezzanine

11:00 a.m. - 5:00 p.m. Registration/Information Desk Open
Location: Ballroom Foyer, Level 2, Mezzanine

GENERAL SESSION

1:00 p.m. - 2:35 p.m. Panel 1: Functional Roles of Ion Channels in Bladder
Moderator: Sang Don Koh, MD, PhD

1:00 p.m. - 1:20 p.m. When Spice Isn’t Nice: TRPV1 Channels as the Linchpin of Progressive Pediatric Bladder Dysfunction
Panelist: Nathan R. Tykocki, PhD

1:20 p.m. - 1:40 p.m. AQP3 in Bladder Mechanosensing
Panelist: Qi Chen, MD, PhD

1:40 p.m. - 2:00 p.m. BK Channels in Human Detrusor Smooth Muscle: Past, Present, and Future?
Panelist: John Malysz, PhD

2:00 p.m. - 2:20 p.m. BK Channel Regulation by PDE’s in Human Detrusor Smooth Muscle
Panelist: Wenkuan Xin, PhD

2:20 p.m. - 2:35 p.m. Q & A

2:35 p.m. - 3:35 p.m. Keynote Lecture: TRP Ion Channel Superfamily: Novel Targets for Therapeutic Development
Speaker: Scott Earley, PhD

3:35 p.m. - 3:50 p.m. Break

3:50 p.m. - 5:05 p.m. Panel 2: Limbic System Influence and Dysregulation in Urologic Pain Syndromes
Moderator: Julie Christianson, PhD

3:50 p.m. - 4:10 p.m. Influence of Stress on Amygdala Modulation of Bladder Pain
Panelist: Jennifer J. DeBerry, PhD

4:10 p.m. - 4:30 p.m. Neuromodulation of Bladder Pain by the Central Amygdala: Implication of Basic Sciences Findings on Imaging Data from Patients
Panelist: Benedict Kolber, PhD

4:30 p.m. - 4:50 p.m. Altered Limbic Metabolite Levels and Functional Connectivity in Patients with Chronic Urologic Pain
Panelist: Daniel Harper, PhD

4:50 p.m. - 5:05 p.m. Q & A

5:05 p.m. - 5:20 p.m. Break

5:20 p.m. - 7:30 p.m. Basic Science Poster Session I (Non-Moderated)*
Judges: Christopher J. Chermansky, MD
Yingchun Zhang, PhD

*Not CME Accredited. Wine and Cheese will be served.
<table>
<thead>
<tr>
<th>Poster #</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
<th>Presented By:</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS1</td>
<td>AN EXTERNAL COMPRESS-RELEASE PROTOCOL INDUCES DYNAMIC ELASTICITY IN A WORKING PORCINE BLADDER MODEL*</td>
<td>Andrea Balthazar1, Zachary Cullingsworth2, Naveen Nandanan1, Utzoma Anele2, John Speich2, Adam Klausner1</td>
<td>Virginia Commonwealth University Department of Surgery, Division of Urology, Richmond, VA, Department of Mechanical Nuclear Engineering, Virginia Commonwealth University College of Engineering</td>
<td>Andrea Balthazar, MD *2019 Basic Science Essay Award Winner</td>
</tr>
<tr>
<td>BS2</td>
<td>DEVELOPMENT OF A STRESS-INDUCED PELVIC PAIN MODEL IN C57BL/6 MICE USING FORCED SWIM STRESS</td>
<td>Maria Payne, H. Henry Lai, MD</td>
<td>Washington University School of Medicine</td>
<td>H. Henry Lai, MD</td>
</tr>
<tr>
<td>BS3</td>
<td>A MURINE MODEL OF CHRONIC SACRAL NEUROMODULATION USING THE OPTOGENETIC TECHNIQUE</td>
<td>Shannon L. Wallace, MD1, Mason A. Briggs, BS1, Yan Wen, MD1, Kate Montgomery, PhD2, Amy D. Dobberfuhl, MD, MS2, Guobing Zhuang, MD, PhD3, Edward C. Diaz, MD4, Scott Delp, PhD2, Bertha Chen, MD1</td>
<td>Stanford University Hospital, Department of Obstetrics and Gynecology, Stanford, CA, Stanford University, Departments of Bioengineering and Mechanical Engineering, Stanford University Hospital, Department of Urology, Stanford, CA</td>
<td>Shannon L. Wallace, MD</td>
</tr>
<tr>
<td>BS4</td>
<td>CAN MULTIPAROUS AND AGING RABBITS SERVE AS A MODEL TO STUDY PELVIC FLOOR DYSFUNCTION IN WOMEN?</td>
<td>Ana Hernandez-Reynoso, MSc1,2, Aswini Kanneganti, PhD2,3, Kenia Lopez-Garcia, PhD1,4, Dora Corona-Quintanilla, PhD5, Francisco Castelan, PhD1,4, Philippe Zimmern, MD2,3, Margarita Martinez-Gomez, PhD1,4, Mario Romero-Ortega, PhD2,4</td>
<td>University of Texas at Dallas, Richardson, TX, USA, Department of Urology, UT Southwestern, Dallas, TX, USA, Departamento de Biologia Celular y Fisiologia: Unidad Foranea Tlaxcala, Instituto de Investigaciones Biomedicas UNAM, Tlaxcala, MEX, Centro Tlaxcala de Biologia de la Conducta, Universidad Autonoma de Tlaxcala, Tlaxcala, MEX, Department of Urology, UT Southwestern, Dallas, TX, USA, Department of Health Sciences, UT Southwestern, Dallas, TX, USA</td>
<td>Ana Hernandez-Reynoso, MSc.</td>
</tr>
<tr>
<td>BS5</td>
<td>LIQUID CRYSTAL ELASTOMERS AS DYNAMIC MATERIALS FOR THE TREATMENT OF INCONTINENCE</td>
<td>Julia Henricks1, Cedric Ambulo1, Mario Romero-Ortega, PhD1, Philippe Zimmern, MD2, Taylor Ware, PhD3</td>
<td>Biomedical Engineering, The University of Texas at Dallas, Department of Urology, UT Southwestern Medical Center</td>
<td>Julia Henricks</td>
</tr>
<tr>
<td>BS6</td>
<td>OPTIMIZING THE NANOPARTICLE ENHANCED ADHESION OF MUSSEL INSPIRED HYDROGELS FOR TISSUE INTERFACING</td>
<td>Nikhil Pandey, PhD1, Andres Urias1, Valinda Jones, MS1, Serkan Yaman, MS1, Amirhossein Hakamivala, MS1, Boris Rodionov, MS1, Jun Liao, PhD1, Philippe Zimmern, MD2, Kytai Nguyen, PhD1, Yi Hong, PhD1</td>
<td>University of Texas at Arlington, Urology, UT Southwestern Medical Center</td>
<td>Nikhil Pandey, PhD</td>
</tr>
<tr>
<td>BS7</td>
<td>EXPRESSION PROFILE OF PLATELET-DERIVED GROWTH FACTOR RECEPTOR A PDGFRα+ MEDIATED GENESETS DIFFERENTIATES INTERSTITIAL CYSTITIS</td>
<td>Tong Zhou1, Haeyeong Lee1, Qi Chen1, Kenton Sanders2, Sang Don Koh1</td>
<td>University of Nevada Reno, Department of Physiology and Cell Biology, University of Nevada Reno, Department of Physiology and Cell Biology</td>
<td>Tong Zhou, PhD</td>
</tr>
<tr>
<td>BS8</td>
<td>INCIDENCE AND MORBIDITY OF RADIATION-INDUCED HEMORRHAGIC CYSTITIS IN PROSTATE AND BLADDER CANCER</td>
<td>Sarah E. Martin1, Evan Begun1, Egial Samiri2, Mohammed Azaiza2, Mazen Abdelhady1</td>
<td>Detroit Medical Center Detroit, MI, Wayne State University Detroit, MI, Lake Erie College of Osteopathic Medicine Bradenton, FL</td>
<td>Sarah E. Martin, DO</td>
</tr>
<tr>
<td>Poster #</td>
<td>Title</td>
<td>Authors</td>
<td>Presented By</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>--------------------------------</td>
<td></td>
</tr>
<tr>
<td>#BS9</td>
<td>CYCLO-OXYGENASE 2 (COX-2) DETECTION IN BLADDER BIOPSIES OF POST-MENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS</td>
<td>Amy Kuprasertkul, BA, Nicole J. DeNisco, BS, PhD, Kim Orth, BS, MS, Philippe Zimmern, MD</td>
<td>Amy Kuprasertkul, BS</td>
<td></td>
</tr>
<tr>
<td>#BS10</td>
<td>PROSTAGLANDIN E2 (PGE2) IN URINE OF POST-MENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS FOR MONITORING OF URINARY TRACT INFECTION EVOLUTION</td>
<td>Amy Kuprasertkul, BA, Nicole J. DeNisco, BS, PhD, Kim Orth, BS, MS, Philippe Zimmern, MD</td>
<td>Amy Kuprasertkul, BS</td>
<td></td>
</tr>
<tr>
<td>#BS11</td>
<td>HISTOPATHOLOGICAL SCORING OF CHRONIC AND ACUTE INFLAMMATION IN THE BLADDER WALL DURING RECURRENT URINARY TRACT INFECTION (RUTI)</td>
<td>Nicole De Nisco, BS, PhD, Jason Mull, PhD, Kim Orth, BS, MS, Philippe Zimmern, MD</td>
<td>Nicole De Nisco, BS, PhD</td>
<td></td>
</tr>
<tr>
<td>#BS12</td>
<td>URINE METABOLOMICS AND RAPID BACTERIAL GROWTH</td>
<td>Larry Reitzer, BS, PhD, Philippe Zimmern, MD</td>
<td>Larry Reitzer, BS, PhD</td>
<td></td>
</tr>
<tr>
<td>#BS13</td>
<td>CHRONIC MONITORING OF VOIDING FUNCTION IN A NOVEL MODEL OF DETRUSOR UNDERACTIVITY</td>
<td>Eric Gonzalez, Michael Odom, Johanna Hannan, Warren Grill</td>
<td>Eric Gonzalez, PhD</td>
<td></td>
</tr>
<tr>
<td>#BS14</td>
<td>EFFECT OF TIBIAL NEUROMODULATION ON MULTIPLE SHEEP BREEDS</td>
<td>Thaddeus Brink, Katie Bitner, Tina Billstrom, Mattson Melissa, Zirpel Lance</td>
<td>Kaite Bittner, PhD</td>
<td></td>
</tr>
<tr>
<td>#BS15</td>
<td>TRAUMATIC BRAIN INJURY-RELATED VOIDING DYSFUNCTION IN MICE IS CAUSED BY DAMAGE TO ROSTRAL PATHWAYS, ALTERING INPUTS TO THE REFLEX PATHWAYS</td>
<td>Ian Bryce Maclver, Onder Albayram, John Mathai, Anne Versteegen, Xiao Zhou, Kun Ping Lu, Mark Zeidel</td>
<td>Ian Bryce Maclver, PhD</td>
<td></td>
</tr>
<tr>
<td>#BS16</td>
<td>SAFETY AND MECHANISM OF ACTION OF ENERGY-BASED DEVICES FOR THE TREATMENT OF UROGYNECOLOGICAL CONDITIONS</td>
<td>Maria Canter, MD, FPMRS, FACOG, Steven Lathers, Kathyrn Husarek, Debbie Wilkerson, Debbie Bell, PhD</td>
<td>Maria Canter, MD, FPMRS, FACOG, MSC</td>
<td></td>
</tr>
<tr>
<td>#BS17</td>
<td>EPIGENOMIC MODIFICATION AS A MECHANISM OF HYPERGLYCEMIC MEMORY IN THE DIABETIC BLADDER</td>
<td>Kelvin Davies, Professor, Yi Wang, Instructor, Albert Einstein College of Medicine</td>
<td>Kelvin Paul Davies, MSc, PhD</td>
<td></td>
</tr>
</tbody>
</table>
Poster #BS18
PATIENT AND UROLOGIST INTERACTIONS: SEXUAL HARASSMENT A SURVEY AMONG UROLOGISTS
Pansy Uberoi¹, Forrest Jellison², Kuwong Mwamukonda², Thomas Novak²
¹San Antonio Uniformed Services Health Education Consortium, ²San Antonio Uniformed Services Health Education Consortium
Presented By: Pansy Uberoi, MD, MPH

Poster #BS19
WITHDRAWN

Poster #BS20
AMBULATORY AND EX-VIVO EFFECT OF INTRADETRUSOR iPSC-DERIVED HUMAN PROGENITOR SMOOTH MUSCLE CELLS IN A RAT MODEL OF RADIATION INDUCED BLADDER DYSFUNCTION
Amy D. Dobberfuhl, MD, MS¹, Mason A. Briggs, BS², Shannon L. Wallace, MD², Yan Wen, MD², Yingying Zhou, MD², Edward E. Graves, PhD³, Edward C. Diaz, MD¹, Bertha Chen, MD²
¹Stanford University, Dept. of Urology, ²Stanford University, Dept. of Obstetrics and Gynecology, ³Stanford University, Dept. of Radiation Oncology
Presented By: Amy D. Dobberfuhl, MD, MS

Poster #BS21
FACTORS AFFECTING TEMPORAL CHANGES IN PANNEXIN 1 CHANNEL EXPRESSION IN THE DIABETIC BLADDER
Shirly Solouki, MD¹, Marcia Urban-Maldonado, BS², Melissa Laudano, MD¹, Sylvia Suadicani, PhD³
¹Albert Einstein College of Medicine/Montefiore Medical Center Department of OB/GYN, ²Albert Einstein College of Medicine/Montefiore Medical Department of Urology, ³Albert Einstein College of Medicine/Montefiore Medical Center Department of Urology
Presented By: Shirly Solouki, MD
## SCIENTIFIC PROGRAM

### SUFU Basic and Translational Science Meeting

#### WEDNESDAY, FEBRUARY 27, 2019

**OVERVIEW**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. - 6:30 p.m.</td>
<td>Speaker Ready Room Hours</td>
<td>Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 a.m. - 6:30 p.m.</td>
<td>Registration/Information Desk Open</td>
<td>Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:30 a.m. - 8:30 a.m.</td>
<td>Breakfast</td>
<td>Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>12:20 p.m. - 1:20 p.m.</td>
<td>Lunch</td>
<td>Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td>Urology Fellowship Program Directors Meeting</td>
<td>Balmoral, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 p.m. - 8:30 p.m.</td>
<td>Welcome Reception with Industry Partners</td>
<td>Trianon, Level 2, Mezzanine</td>
</tr>
</tbody>
</table>

#### GENERAL SESSION

**8:30 a.m. - 8:45 a.m.** Welcome  
President: Kathleen C. Kobashi, MD, FACS  
Program Chair: Georgi V. Petkov, PhD  
Vice President: Sandip P. Vasavada, MD  
Co-Program Chair: H. Henry Lai, MD

**8:45 a.m. - 10:00 a.m.** Panel 3: Roles of Mitochondrial Dysfunction and Oxidative Stress in Bladder Health and Disease  
Moderator: Toby C. Chai, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 a.m. - 9:05 a.m.</td>
<td>Mitochondrial Dysregulation in the Urinary Bladder Urothelium</td>
<td>Panelist: Lori A. Birder, PhD</td>
</tr>
<tr>
<td>9:05 a.m. - 9:25 a.m.</td>
<td>Urothelial Oxidative Stress in UTI Pathogenesis - Is There a Link?</td>
<td>Panelist: Toby C. Chai, MD</td>
</tr>
<tr>
<td>9:25 a.m. - 9:45 a.m.</td>
<td>Importance of Mitochondrial Heath in the Aging Bladder</td>
<td>Panelist: George A. Kuchel, MD, FRCP, AGSF</td>
</tr>
<tr>
<td>9:45 a.m. - 10:00 a.m.</td>
<td>Q &amp; A</td>
<td></td>
</tr>
<tr>
<td>10:00 a.m. - 10:15 a.m.</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:15 a.m. - 11:15 a.m.</td>
<td>Keynote Lecture: Neuro-Urology: From Bench to Bedside</td>
<td>Speaker: Thomas M. Kessler, MD, FEBU</td>
</tr>
</tbody>
</table>
| 11:15 a.m. - 12:20 p.m. | Top 10 Basic Science Abstract Presentations                        | Moderators: Larissa V. Rodriguez, MD, FPMRS  
Maryrose P. Sullivan, PhD |

**11:15 a.m. #1** EXCITATORY AFFERENTS TO PONTINE MIUCTURITION CENTER NEURONS PROMOTE MIUCTURITION  
Anne M.J. Verstegen\textsuperscript{1}, Lin Zhu\textsuperscript{2}, Nataliya Klymko\textsuperscript{1}, Elda Amigoni\textsuperscript{2}, Patrick Fuller\textsuperscript{2}, Joel Geerling\textsuperscript{3}, Mark Zeidel\textsuperscript{1}  
\textsuperscript{1}BIDMC Medicine dept/ Harvard Med. School, \textsuperscript{2}BIDMC Neurology dept/ Harvard Med. School, \textsuperscript{3}Dept. of Neurology, University of Iowa Carver College of Medicine  
Presented By: Anne M.J. Verstegen, PhD

**11:21 a.m. #2** ROLE OF CORTICOTROPIN RELEASING HORMONE IN MOUSE MIUCTURITION BEHAVIOR  
Anne M.J. Verstegen\textsuperscript{1}, Nataliya Klymko\textsuperscript{1}, Reina Kobayashi\textsuperscript{1}, John Mathai\textsuperscript{1}, Veronique VanderHorst\textsuperscript{1}, Mark Zeidel\textsuperscript{1}  
\textsuperscript{1}BIDMC Medicine Dept/ Harvard Med. School, \textsuperscript{2}BIDMC Neurology Dept/ Harvard Med. School  
Presented By: Anne M.J. Verstegen, PhD
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
<th>Presentation by</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:27 a.m.</td>
<td>#3</td>
<td>QUANTIFICATION OF CEREBRAL BLOOD FLOW DURING BLADDER FILLING IN HEALTHY SUBJECTS*</td>
<td>Justina Tam1, Kenneth Wengler2, Jason Kim1, Xiang He3, Steven Weissbart1</td>
<td>Justina Tam, MD</td>
<td>*2016 Neuromodulation Grant Recipient</td>
</tr>
<tr>
<td>11:33 a.m.</td>
<td>#4</td>
<td>OPTOGENETIC INHIBITION OF NEURONS EXPRESSING CORTICOTROPIN-RELEASING HORMONE (CRH) IN BARRINGTON'S NUCLEUS FACILITATES MICTURITION</td>
<td>Jason Van Batavia, MD1, Stephen Butler, MS1, Joanna Fesi, BA2, Stefano Vicini, PhD3, Stephen A. Zderic, MD1</td>
<td>Stephen A. Zderic, MD</td>
<td></td>
</tr>
<tr>
<td>11:39 a.m.</td>
<td>#5</td>
<td>CEFTRIAXONE INHIBITS STRESS-INDUCED HYPERALGESIA AND ALTERS CEREBRAL MICTURITION AND NOCICEPTIVE CIRCUITS: A MULTIDISCIPLINARY APPROACH TO THE STUDY OF CHRONIC PELVIC PAIN (MAPP) RESEARCH NETWORK STUDY</td>
<td>D. Holschneider1, Z. Wang1, H. H. Chang2, R. Zang3, Y. Guo1, Larissa V. Rodriguez2</td>
<td>Larissa V. Rodriguez, MD, FPMRS</td>
<td></td>
</tr>
<tr>
<td>11:45 a.m.</td>
<td>#6</td>
<td>TEMPORAL DYNAMICS OF THE GENITOURINARY MICROBIOME</td>
<td>Victoria C.S. Scott1, Lauren W. Thum2, James E. Ackerman2, Muhammed Umair Khalique3, Karen S. Elbier4, Jennifer T. Anger5, David M. Underhill6, A. Lenore Ackerman3</td>
<td>A. Lenore Ackerman, MD, PhD</td>
<td></td>
</tr>
<tr>
<td>11:51 a.m.</td>
<td>#7</td>
<td>LOSS OF BETA1-INTEGRIN DISRUPTS FOCAL ADHESIONS AND MUSCARINIC SIGNALING REQUIRED FOR SMOOTH MUSCLE CONTRACTION IN MOUSE BLADDER</td>
<td>Yaqin Zhang1, 2, Erica Bien1, 2, Sarah Hanif1, 2, Bryce MacIver1, 2, Mark Zeidel1, 2, Weiqun Yu1, 2, Warren Hill1, 2</td>
<td>Warren Hill, PhD</td>
<td></td>
</tr>
<tr>
<td>11:57 a.m.</td>
<td>#8</td>
<td>TRPM4 CHANNEL INHIBITORS 9-PHENATHROL AND GLIBENCLAMIDE DECREASE GUINEA PIG DETRUSOR SMOOTH MUSCLE EXCITABILITY AND CONTRACTILITY</td>
<td>John Malysz, PhD, Sarah Maxwell, BSc, Viktor Yarotsky, PhD, Georgi V. Petkov, PhD</td>
<td>Georgi V. Petkov, PhD</td>
<td></td>
</tr>
<tr>
<td>12:03 p.m.</td>
<td>#9</td>
<td>PURINERGIC RECEPTORS P2Y12 AND A2B ANTAGONISTICALLY REGULATE BLADDER FUNCTION</td>
<td>Yuan Hao1, Lu Wang1, Huan Chen1, Theodore Gartner2, Warren Hill1, Simon Robson1, Mark Zeidel1, Weiqun Yu1</td>
<td>Weiqun Yu, PhD</td>
<td></td>
</tr>
<tr>
<td>12:09 p.m.</td>
<td>#10</td>
<td>URINARY TIMP-2 IS SIGNIFICANTLY ASSOCIATED WITH POOR BLADDER COMPLIANCE AND UPPER URINARY TRACT DAMAGE IN ADULT PATIENTS WITH SPINA BIFIDA</td>
<td>Benoit Peyronnet, MD1, Claire Richard, MD2, Claude Bendavid, MD2, Florian Naudet, MD2, Juliette Hascoet, MD1, Charlène Brochard, MD3, Nelly Senal, MD1, Quentin Aliani, MD1, Zine-eddine Khene, MD1, Anne Corlu, MD1, Bruno Clément, MD, PhD1, Laurent Siproudhis, MD, PhD1, Guillaume Bouguen, MD, PhD1, Jacques Kerdraon, MD2, Andrea Manunta, MD2, Xavier Gamé, MD, PhD2</td>
<td>Benoit Peyronnet, MD</td>
<td></td>
</tr>
<tr>
<td>12:20 p.m. - 1:20 p.m.</td>
<td>Lunch</td>
<td>Location: Chopin Ballroom, Level 2, Mezzanine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:20 p.m. - 1:35 p.m.</td>
<td>#2019 Basic Science Prize Essay Award Presentation</td>
<td>Moderator: Georgi V. Petkov, PhD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SCIENTIFIC PROGRAM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 p.m. - 5:45 p.m.</td>
<td><strong>Fellows Forum</strong>&lt;sup&gt;*&lt;/sup&gt;&lt;br&gt;Location: Junior Ballroom, Lobby Level&lt;br&gt;*Not CME Accredited/Pre-Registration Required&lt;br&gt;Must be a fellow to attend and have submitted a written abstract for presentation at this forum.</td>
</tr>
<tr>
<td>1:35 p.m. - 3:00 p.m.</td>
<td><strong>Panel 4: NIH LURN: Symptoms of Lower Urinary Tract Dysfunction Research Network</strong>&lt;br&gt;<strong>Moderator:</strong> H. Henry Lai, MD</td>
</tr>
<tr>
<td>1:35 p.m. - 1:45 p.m.</td>
<td><strong>Introduction</strong>&lt;br&gt;<strong>Speaker:</strong> H. Henry Lai, MD</td>
</tr>
<tr>
<td>1:45 p.m. - 2:05 p.m.</td>
<td><strong>The Development of CASUS Questionnaire to Comprehensively Assess Lower Urinary Tract Symptoms</strong>&lt;br&gt;<strong>Panelist:</strong> Kevin Weinfurt, PhD</td>
</tr>
<tr>
<td>2:05 p.m. - 2:25 p.m.</td>
<td><strong>The LURN Observational Cohort Study - What Have We Learned?</strong>&lt;br&gt;<strong>Panelist:</strong> Anne P. Cameron, MD, FPMRS</td>
</tr>
<tr>
<td>2:25 p.m. - 2:45 p.m.</td>
<td><strong>Using Novel Clustering Methods to Phenotype Patients with Lower Urinary Tract Symptoms</strong>&lt;br&gt;<strong>Panelist:</strong> Victor P. Andreev, PhD, DSc</td>
</tr>
<tr>
<td>2:45 p.m. - 3:00 p.m.</td>
<td><strong>Q &amp; A</strong></td>
</tr>
<tr>
<td>3:00 p.m. - 3:15 p.m.</td>
<td><strong>Break</strong></td>
</tr>
<tr>
<td>3:15 p.m. - 4:30 p.m.</td>
<td><strong>Panel 5: Central Sensitization</strong>&lt;br&gt;<strong>Moderator:</strong> Michel A. Pontari, MD</td>
</tr>
<tr>
<td>3:15 p.m. - 3:35 p.m.</td>
<td><strong>The Basic Science of Central Sensitization</strong>&lt;br&gt;<strong>Panelist:</strong> Julie Christianson, PhD</td>
</tr>
<tr>
<td>3:35 p.m. - 3:55 p.m.</td>
<td><strong>Central Sensitization in Interstitial Cystitis and Chronic Prostatitis</strong>&lt;br&gt;<strong>Panelist:</strong> H. Henry Lai, MD</td>
</tr>
<tr>
<td>3:55 p.m. - 4:15 p.m.</td>
<td><strong>Central Sensitization in Overactive Bladder</strong>&lt;br&gt;<strong>Panelist:</strong> W. Stuart Reynolds, MD, MPH, FACS</td>
</tr>
<tr>
<td>4:15 p.m. - 4:30 p.m.</td>
<td><strong>Q &amp; A</strong></td>
</tr>
<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td><strong>Urology Fellowship Program Directors Meeting</strong>&lt;br&gt;<strong>Location:</strong> Balmoral, Level 2, Mezzanine</td>
</tr>
<tr>
<td>4:30 p.m. - 4:45 p.m.</td>
<td><strong>Break</strong></td>
</tr>
<tr>
<td>4:45 p.m. - 6:55 p.m.</td>
<td><strong>Basic Science Poster Session II (Non-Moderated)</strong>&lt;br&gt;<strong>Judges:</strong> Adonis K. Hijaz, MD&lt;br&gt;John P. Lavelle, MB, FRCSI.&lt;br&gt;<em>Not CME Accredited</em></td>
</tr>
</tbody>
</table>

**Poster #BS23**

**DEVELOPMENT OF AN EX VIVO FUNCTIONAL PIG BLADDER MODEL FOR THE QUANTIFICATION OF ACUTE DYNAMIC ELASTICITY**

Naveen Nandanan, MD<sup>1</sup>, Zach Cullingsworth, BSc<sup>2</sup>, Andrea Balthazar, MD<sup>1</sup>, Natalie Swavely, MD<sup>1</sup>, Adam Klausner, MD<sup>1</sup>, John Speich, PhD<sup>2</sup><br><sup>1</sup>Department of Surgery/Division of Urology, Virginia Commonwealth University School of Medicine, Richmond, Virginia<br><sup>2</sup>Department of Mechanical and Nuclear Engineering, Virginia Commonwealth University School of Engineering, Richmond, Virginia

Presented By: Naveen Nandanan, MD

**Poster #BS24**

**LOCALIZATION AND EXPRESSION OF EXTRACELLULAR MATRIX COMPONENTS VERSICAN AND HYALURONAN IN URETHRAL AND VAGINAL TISSUES IN HUMAN SPECIMENS AND IN RAT MODEL OF URINARY INCONTINENCE**

Ingrid Harten<sup>1</sup>, Stephen Evanko<sup>1</sup>, Jay Choe<sup>1</sup>, Eugene Lee<sup>3</sup>, Marika Bogdani<sup>1</sup>, Thomas Wight<sup>1</sup>, Una J. Lee<sup>4</sup><br><sup>1</sup>Matrix Biology Program, Benaroya Research Institute at Virginia Mason<br><sup>2</sup>Naval Medical Center<br><sup>3</sup>Kaiser Permanente<br><sup>4</sup>Section of Urology, Virginia Mason

Presented By: Una J. Lee, MD, FPMRS
Poster #BS25  VOLUNTARY EXERCISE IMPROVES VOIDING FUNCTION AND BLADDER HYPERALGESIA IN AN ANIMAL MODEL OF STRESS-INDUCED VISCERAL HYPERSENSITIVITY
Melissa T. Sanford1, Jih Chao Yeh2, Jackie Mao2, Rong Zhang2, Zhuo Wang3, Daniel Holschneider2, Larissa Rodriguez2
1Texas Tech University Health Sciences Center, 2University of Southern California
Presented By: Melissa T. Sanford, MD

Poster #BS26  MRI SHOWS BLADDER WALL THICKNESS AND DETRUSOR MUSCLE VOLUME INCREASE IN ASSOCIATION WITH AGE-DEPENDENT INCREASE IN PROSTATE VOLUME
Lucille Anzia1, Shane Wells2, Wade Bushman1, Alejandro Roldan-Alzate2
1Department of Urology - UW Madison, 2Department of Radiology - UW Madison
Presented By: Alejandro Roldan-Alzate, PhD

Poster #BS27  COMPARISON OF ARTIFICIAL FINGER MEASUREMENTS OF CONTROL AND PROLAPSED ANTERIOR VAGINAL WALL TISSUE IN OPERATING ROOM AND CLINIC SETTINGS
Connie N. Wang1, Alana Christie, MS1, Michael Abraham, MS2, Christopher Abrego, PhD2, Panos Shiaikolas, PhD3, Philippe E. Zimmern, MD1
1UT Southwestern, Dallas, TX, 2UT Arlington, Arlington, TX
Presented By: Connie N. Wang

Poster #BS28  EFFECT OF WHOLE FRUIT CRANBERRY ON URINARY PROANTHOCYANIDIN METABOLITES IN WOMEN
Katherine Amin1, Lynn Stothers2, Ying Liu3, Paula N. Brown2, Dena Moskowitz1, Alvaro Lucioni1, Kathleen C. Kobashi1, Una J. Lee1
1Virginia Mason Medical Center, 2University of British Columbia
Presented By: Katherine Amin, MD

Poster #BS29  SURFACE MOTILITY IN NONPATHOGENIC E. COLI AND STRAINS ISOLATED FROM WOMEN WITH RECURRENT URINARY TRACT INFECTIONS
Sankalya Ambagaspithye, MS1, Parker McDill, MS1, Jacob Hogins1, Sushmita Sudarshan, MS1, Philippe Zimmern, MD2, Larry Reitzer, BS, PhD1
1Department of Biological Sciences, University of Texas at Dallas, 2Department of Urology, UT Southwestern Medical Center
Presented By: Sankalya Ambagaspithye, MS

Poster #BS30  METABOLIC REQUIREMENTS FOR UROPATHOGENIC E. COLI DURING URINARY TRACT INFECTIONS
Larry Reitzer, BS, PhD1, Philippe Zimmern, MD2
1Department of Biological Sciences, University of Texas at Dallas, 2Department of Urology, UT Southwestern Medical Center
Presented By: Larry Reitzer, BS, PhD

Poster #BS31  THE PARADOX OF RAPID GROWTH AND INDUCTION OF STRESS RESPONSES OF UROPATHOGENIC E. COLI: INDUCTION OF THE NITROGEN-REGULATED (NTR) RESPONSE
Karthik Urs, BS, MS1, Philippe Zimmern, MD2, Larry Reitzer, BS, PhD1
1Department of Biological Sciences, University of Texas at Dallas, 2Department of Urology, UT Southwestern Medical Center
Presented By: Karthik Urs, BS, MS

Poster #BS32  THE ASYMPTOMATIC BLADDER: GROSS AND HISTOLOGICAL FINDINGS IN A SERIES OF PATIENTS
Mason Briggs, BS1, Yan Wen, MD1, GuoBing Zhuang, MD1, Chia-Sui Kao, MD2, Shannon L. Wallace, MD1, Amy D. Dobberfuhr, MD, MS1, Bertha Chen, MD1, Edward C. Diaz, MD3
1Stanford University School of Medicine, Department of Obstetrics and Gynecology, 2Stanford University School of Medicine, Department of Pathology, 3Stanford University School of Medicine, Department of Urology
Presented By: Mason Briggs, BS

Poster #BS33  VOIDING BEHAVIOR CHANGES IN A MURINE MODEL OF CHRONIC UTI IS CORRELATED TO URINARY BACTERIAL LOAD AND INFLAMMATORY CYTOKINES/Chemokines
Kejia Zhu, MD1, Patrick Popiel, MD2, Warren Hill, PhD3, Toby C. Chai, MD1
1Qilu Hospital of Shandong University, 2Yale School of Medicine, Dept. Ob/Gyn/Reproductive Sciences, 3Beth Israel Deaconess Med Ctr / Harvard Medical School
Presented By: Toby C. Chai, MD
### SCIENTIFIC PROGRAM

<table>
<thead>
<tr>
<th>Poster #</th>
<th>Title</th>
<th>Authors</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS34</td>
<td>NEURAL PLASTICITY AND BLADDER OUTLET OBSTRUCTION IN MICE</td>
<td>Anne M.J. Verstegen, John Mathai, Reina Kobayashi, Nataliya Klymko, Weiqun Yu, Ian Maciver, Veronique VanderHorst, Mark Zeidel</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1BIDMC Medicine Dept./ Harvard Med. School, 2BIDMC Neurology Dept./ Harvard Med. School</td>
<td></td>
</tr>
<tr>
<td>BS35</td>
<td>STRESS-INDUCED REEMERGENCE OF EXTINGUISHED BLADDER PAIN</td>
<td>Vijay K. Samineni, Sienna Sewell, Julian Sakey, Robert Gereau</td>
<td>Washington University in St Louis</td>
</tr>
<tr>
<td>BS36</td>
<td>QUANTITATIVE ELECTROENCEPHALOGRAPHY AS A MEANS OF CHARACTERIZING BRAIN ACTIVITY DURING THE MICTURITION CYCLE</td>
<td>Evgeniy I. Kreydin, Po T. Wang, An Do, Charles Liu, Zoran Nenadic</td>
<td>1University of Southern California, 2University of California, Irvine</td>
</tr>
<tr>
<td>BS37</td>
<td>COLLABORTING FOR THE ADVANCEMENT OF INTERDISCIPLINARY RESEARCH IN BENIGN UROLOGY: THE ROLE OF THE O’BRIEN UROLOGY COOPERATIVE RESEARCH CENTERS PROGRAM</td>
<td>Kristina L. Penniston, PhD, RDN, FAND, Tamara Bavendam, MD, MS, Chris Mullins, PhD</td>
<td>NIDDK</td>
</tr>
<tr>
<td>BS38</td>
<td>TRANSCRIPTOMIC ANALYSIS OF BLADDER PDGFRα+ CELLS IN EARLY DIABETIC BLADDER</td>
<td>Tong Zhou, Haeyeong Lee, Kenton Sanders, Sang Don Koh</td>
<td>University of Nevada Reno, Department of Physiology and Cell Biology</td>
</tr>
<tr>
<td>BS39</td>
<td>EFFECT OF KG766 LIQUID FORMULATION (“VESIX”) ON HUMAN UROPATHOGENIC ESCHERICHIA COLI STRAINS</td>
<td>Valerie J. Price, MD, Kelli L. Palmer, PhD, Nicole J. DeNisco, BS, PhD, William Randolph Warner, Principal Managing Member, Philippe Zimmer, MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1Department of Biological Sciences, University of Texas at Dallas, 2Department of Molecular Biology, UT Southwestern Medical Center, 3Howard Hughes Medical Institute, 4US-BioPharma, 5Department of Urology, UT Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>BS40</td>
<td>ANTAGONISM OF CORTICOTROPIN-RELEASING FACTOR RECEPTOR 1 PREVENTS WATER AVOIDANCE STRESS-INDUCED BLADDER HYPERSENSITIVITY IN FEMALE MICE THAT UNDERWENT NEONATAL MATERNAL SEPARATION</td>
<td>Xiaofang Yang, Alison Greenlief, Julie Christianson</td>
<td>University of Kansas Medical Center, Department of Anatomy and Cell Biology, Department of Anesthesiology</td>
</tr>
<tr>
<td>BS41</td>
<td>ROLE OF INSULIN RECEPTOR-MEDIATED SIGNALING IN DIABETIC BLADDER DYSFUNCTION</td>
<td>Huan Chen, Xiang Xie, Mark Zeidel, Weiqun Yu</td>
<td>Beth Israel Deaconess Medical Center</td>
</tr>
<tr>
<td>BS42</td>
<td>HUMAN MESENCHYMAL STEM CELLS SECRETOME IS POTENTIALLY SAFE FOR POSTPROSTATECTOMY INCONTINENCE WITH A RESIDUAL TUMOUR (INVITRO MODEL)</td>
<td>Ahmad O. Khalifa, Ilaha Isali, Sanjeev Shukla, Lee Ponsky, Adonis Hijaz</td>
<td>Department of Urology, University Hospitals Cleveland Medical Center, Case Western Reserve University, Cleveland, OH.</td>
</tr>
<tr>
<td>BS43</td>
<td>PRIMARY CULTURE OPTIMIZATION AND IN-VITRO CHARACTERIZATION OF UROTHELIAL CELLS</td>
<td>Mason Briggs, BS, Yan Wen, MD, GuoBing Zhuang, MD, Amy D. Dobberfuhl, MD, MS, Shannon L. Wallace, MD, Bertha Chen, MD, Edward C. Diaz, MD</td>
<td>1Stanford University School of Medicine, Department of Obstetrics and Gynecology, 2Stanford University School of Medicine, Department of Urology</td>
</tr>
</tbody>
</table>

Presented By: Anne M.J. Verstegen, PhD

Presented By: Vijay K. Samineni, PhD

Presented By: Evgeniy I. Kreydin, MD

Presented By: Kristina L. Penniston, PhD, RDN, FAND

Presented By: Tong Zhou, PhD

Presented By: Valerie J. Price, MD

Presented By: Julie Christianson, PhD

Presented By: Huan Chen

Presented By: Ahmad O. Khalifa, MD, PhD

Presented By: Mason Briggs, BS
7:00 p.m. - 8:30 p.m.  Welcome Reception with Industry Partners
Location: Trianon, Level 2, Mezzanine
THURSDAY, FEBRUARY 28, 2019

OVERVIEW

6:30 a.m. - 6:30 p.m.  Registration/Information Desk Open  
Location: Ballroom Foyer, Level 2, Mezzanine

6:30 a.m. - 6:30 p.m.  Speaker Ready Room Hours  
Location: Alhambra, Level 2, Mezzanine

6:30 a.m. - 3:30 p.m.  Exhibit Hall Open  
Location: Trianon, Level 2, Mezzanine

6:45 a.m. - 7:30 a.m.  Breakfast in Exhibit Hall  
Location: Trianon, Level 2, Mezzanine

6:45 a.m. - 7:30 a.m.  Residents and Fellows Breakfast  
Location: Chopin Ballroom, Level 2, Mezzanine

11:50 a.m. - 1:00 p.m.  Industry Sponsored Lunch Symposium  
Location: Chopin Ballroom, Level 2, Mezzanine

GENERAL SESSION

7:30 a.m. - 7:35 a.m.  Introduction  
Speaker: Sandip P. Vasavada, MD

7:35 a.m. - 7:50 a.m.  State of the Art Lecture: Imaging in Setting of Neuromodulation, Is it Time to Revisit?  
Speaker: Howard B. Goldman, MD, FACS

7:50 a.m. - 8:00 a.m.  SUFU Award Presentations*  
Speaker: Kathleen C. Kobashi, MD, FACS  
*Not CME Accredited

8:00 a.m. - 8:15 a.m.  Point-Counterpoint: Antibiotic Prophylaxis Use in Office FPMRS  
Moderator: Michael J. Kennelly, MD

Too Much  
Speaker: Anne P. Cameron, MD, FPMRS

Too Little  
Speaker: Melissa R. Kaufman, MD, PhD, FACS

8:15 a.m. - 9:00 a.m.  Panel: Where Urodynamics are Invaluable in 2019  
Moderator: Stephen R. Kraus, MD, FACS

SUI  
Panelist: Alexander Gomelsky, MD

LUTS/BPH  
Panelist: Benjamin M. Brucker, MD

Overactive Bladder  
Panelist: Courtenay K. Moore, MD

Neurogenic Bladder  
Panelist: Thomas M. Kessler, MD, FEBU

9:00 a.m. - 9:30 a.m.  Point-Counterpoint: Vaginal Vault Suspensions - Doomed to Failure?  
Moderator: Jennifer T. Anger, MD, MPH, FPMRS

Yes  
Speaker: Tracey S. Wilson, MD, FACS

No  
Speaker: Nirit Rosenblum, MD
9:30 a.m. - 10:00 a.m. Break - Visit with Exhibitors

10:00 a.m. - 10:30 a.m. Panel: Salvaging a Neuromodulation Implant
Moderator: Kathleen C Kobashi, MD, FACS

When to Reprogram It
Panelist: Dean S. Elterman, MD, MSc, FRCSC

When to Reposition Your Lead
Panelist: Steven W. Siegel, MD

When to Explant and Consider Novel Approaches (Bilateral, Tibial, Pudendal)
Panelist: Priyanka Gupta, MD

10:30 a.m. - 11:00 a.m. Expert Surgical Theater: Detailed Surgical Discussion of Surgical Technique: Fascial Sling
Moderator: J. Quentin Clemens, MD

How I Do a Fascial Sling
Speaker: Victor W. Nitti, MD

Discussion
Speaker: Michael E. Albo, MD

11:00 a.m. - 11:20 a.m. MIPS Lecture: Pessary as a Conservative Management Option for Prolapse in Mediterranean Women
Speaker: Diaa E.E. Rizk, MSc, FRCOG, FRCS, MD

11:20 a.m. - 11:30 a.m. Distinguished Service Award Lecture
Moderator: Alan J. Wein, MD, PhD (hon), FACS

A Westbanker's Guide to Service
Recipient: J. Christian Winters, MD, FACS

11:30 a.m. - 11:35 a.m. NAFC Award Presentation
Moderator: Steven G. Gregg, PhD

11:35 a.m. - 1:00 p.m. Have the New Guidelines Changed How We Manage BPH in 2019
Speaker: Harris E. Foster, MD

1:00 p.m. - 2:20 p.m. CONCURRENT POSTER/PODIUM SESSION

1:00 p.m. - 2:20 p.m. IC/Pelvic Pain/Geriatrics/BPH Podium Session
Moderators: Tamsin J. Greenwell, MBChB, MD FRCS(Urol)
Kamran P. Sajadi, MD

1:00 p.m. #1 THE UTILIZATION OF PROSTATIC AND BLADDER MEDICATIONS AFTER TRANSURETHRAL PROSTATE SURGERY
Blayne Welk1, Jeffrey Campbell1, Jennifer Reid2, Michael Ordon3
1Western University, 2ICES Western, 3University of Toronto
Presented By: Blayne Welk, MD, MSc

1:10 p.m. #2 THE LEARNING CURVE FOR GREEN LASER ENucleATION OF THE PROSTATE (GreenLEP): A MULTI-INSTITUTIONAL STUDY OF 584 CASES.
Benoit Peyronnet, MD1, Enrique Rijo, MD2, Vincent Misrai, MD3, Shahin Tabatabaei, MD4, Giovanni Ferrarri, MD5, Ferando Gomez-Sancha, MD6
1University of Rennes, 2Barcelona Private Hospital, 3Clinique Pasteur Toulouse, 4Massachussetts General Hospital, 5Modena Hospital, 6Clinica Centro Madrid
Presented By: Benoit Peyronnet, MD
1:20 p.m.  #3 WHAT DO POSTMENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS EXPERIENCE? INSIGHTS FROM PATIENT FOCUS GROUPS
Victoria C.S. Scott1, Taylor Sadun1, Lauren W. Thurm2, Melissa Markowitz1, David A. Haake1, Sally L. Maliski1, Jennifer T. Anger1, Ja-Hong Kim1
1Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, 2Urology Specialists, Sioux Falls, SD, 3School of Nursing, University of Kansas Medical Center, Kansas City, KS, 4Division of Urology, Cedars Sinai Medical Center, Beverly Hills, CA
Presented By: Taylor Sadun, MD

1:30 p.m.  #4 THE IMPACT OF FRAILTY ON THE TREATMENT OF OVERACTIVE BLADDER IN OLDER ADULTS*
Anne M. Suskind, MD, MS, FACS1, Casey Kowalik, MD2, Kathryn Quanstrom1, John Boscardin, PhD1, Shoujun Zhao, PhD1, Stuart Reynolds, MD3, Kavita Mishra, MD2, Emily Finlayson, MD, MS3
1UCSF, 2University of Kansas, 3Vanderbilt
Presented By: Anne M. Suskind, MD, MS, FACS
*2015 OAB Grant Recipient

1:40 p.m.  #5 CHRONIC EXPOSURE TO PENTOSAN POLYSULFATE SODIUM ASSOCIATED WITH PIGMENTARY RETINAL TOXICITY
Jenelle E. Foote, MD1, Adam Hanif, BA2, Nieraj Jain, MD2
1Emory University School of Medicine, Department of Urology, Atlanta, GA, 2Emory University School of Medicine, Department of Ophthalmology, Atlanta, GA
Presented By: Jenelle E. Foote, MD

1:50 p.m.  #6 WITHDRAWN

2:00 p.m.  #7 PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING THE EFFECT OF COMBINATION OF TRANSURETHRAL FULGURATION AND HYDRODISTENSION AND TRANSURETHRAL FULGURATION MONOTHERAPY IN INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME
Hee Seo Son, MD, PhD1, Hana Yoon2, Jaey Hong3, Ju Tae Seo4, Jong Hyun Kim5, Jang Hwan Kim, MD, PhD1
1Yonsei University College of Medicine, 2Ewha Womans University, College of Medicine, 3CHA University College of Medicine, 4Dankook University College of Medicine, 5MizMedi Women’s Hospital
Presented By: Hee Seo Son, MD, PhD

2:10 p.m.  #8 OPIOID PRESCRIPTION USE IN PATIENTS WITH INTERSTITIAL CYSTITIS
Jacqueline M. Zillioux1, C William Pike2, Matthew Clements1, David Rapp1
1University of Virginia School of Medicine, 2Georgetown University School of Medicine
Presented By: Jacqueline M. Zillioux, MD

1:00 p.m. - 2:20 p.m. LUTS/Voiding Dysfunction/Neurogenic Bladder Moderated Poster Session
Location: Biscayne Ballroom, Level 2, Mezzanine
Moderators: Zachery C. Baxter, MD
Arthur P. Mourtzinos, MD, MBA

Poster #M1 A NEW PARADIGM FOR OUTPATIENT DIAGNOSIS AND TREATMENT OF LOWER URINARY TRACT SYMPTOMS UTILIZING A MOBILE APP/SOFTWARE PLATFORM AND REMOTE PATIENT VISITS: FEASIBILITY STUDY
Jerry G. Blaivas, MD1,2,3, Michael W. Poon, MD4, Eric S.W. Li, BA2,3, Roni Manyevitch, BA3, Devon N. Thomas, BA4
1Department of Urology at the Icahn School of Medicine at Mount Sinai, 2SUNY Downstate College of Medicine, 3Institute for Bladder and Prostate Research, 4Kaiser Permanente
Presented By: Jerry G. Blaivas, MD
Poster #M2  
LONGITUDINAL CHANGES IN SYMPTOM-BASED FEMALE AND MALE LUTS CLUSTER CHARACTERISTICS AND FACTORS ASSOCIATED WITH CHANGE  
Cindy L. Amundsen1, Margaret E. Helmuth2, Abigail R. Smith2, John O.L. DeLancey3, Catherine S. Bradley4, Kathryn E. Flynn5, Kimberly S. Kenton6, H. Henry Lai7, David Cella8, James W. Griffith6, Victor P. Andreev9, Claire C. Yang9, J. Eric Jelovsek1, Kevin P. Weinfurt1, Alice B. Liu8, Matthew O. Fraser1, Ziya Kirkali and the LURN Study9  
1Duke University Medical Center, 2Arbor Research Collaborative for Health, 3University of Iowa Carver College of Medicine, 4Medical College of Wisconsin, 5Northwestern University Feinberg School of Medicine, 6Washington University School of Medicine, 7National Institute of Diabetes and Digestive and Kidney Diseases, 8University of Washington, 9National Institute of Diabetes and Digestive and Kidney Diseases  
Presented By: Cindy L. Amundsen, MD

Poster #M3  
RELATIONSHIP BETWEEN SYMPTOM BOTHER AND SEVERITY IN INDIVIDUALS SEEKING CARE FOR LOWER URINARY TRACT SYMPTOMS (LUTS)  
nNnenaya Q. Agochukwu, MD1, Jonathan B. Wiseman2, Abigail R. Smith2, Margaret E. Helmuth2, Kevin P. Weinfurt3, Aruna V. Samma1, James W. Griffith1, David Cella2, Anne P. Cameron1, Kathryn E. Flynn1, Bradly A. Erickson1, Ziya Kirkali1, Cindy L. Amundsen2, H. Henry Lai8, Meera Tavathia4, J. Quentin Clemens1  
1University of Michigan, 2Arbor Research Collaborative for Health, 3Duke University Medical Center, 4Northwestern University Feinberg School of Medicine, 5Medical College of Wisconsin, 6University of Iowa, 7National Institute of Diabetes and Digestive and Kidney Diseases, 8Washington University School of Medicine  
Presented By: Nnenaya Q. Agochukwu, MD

Poster #M4  
GEOGRAPHIC VARIABILITY IN THIRD LINE OVERACTIVE BLADDER TREATMENT AVAILABILITY FOR MEDICARE PATIENTS: IS THIRD LINE THERAPY NEITHER HERE, NOR THERE?  
Erin Salter, MD, Gillian Wolff, MD, Laura Chang-Kit, MD  
Albany Medical Center  
Presented By: Erin Salter, MD

Poster #M5  
THE DEVELOPMENT OF THE NEUROGENIC BLADDER SYMPTOM SCORE SHORT FORM (NBSS-SF)  
Blayne Welk1, John Stoffel2, Sean Elliott3, Sara Lehnerr4, Chong Zhang4, Jeremy Myers4  
1Western University, 2University of Michigan, 3University of Minnesota, 4University of Utah  
Presented By: Blayne Welk, MD MSc

Poster #M6  
ADULT NEUROGENIC BLADDER PATIENTS ARE LIKELY TO BE ADMITTED AFTER AN EMERGENCY ROOM VISIT: ADMISSION RATES AND CLINICAL FINDINGS  
Oluwarotimi S. Nettey, MD, MHS1, Alicia Roston, MD, MPH2, Richard Matulewicz, MD, MS3, Ashima Singal, MD1, Stephanie Kielb, MD1  
1Department of Urology, Northwestern University Feinberg School of Medicine, Chicago, IL, 2Division of Urology, Cook County Health and Hospitals System, Chicago, IL  
Presented By: Oluwarotimi S. Nettey, MD, MHS

Poster #M7  
RATES OF BLADDER AUGMENTATION AFTER INTRODUCTION OF ONABOTULINUMTOXINA THERAPY IN THE NEUROGENIC BLADDER POPULATION  
Rita P. Jen, Irene M. Crescenze, Paholo G. Barboglio, Anne P. Cameron, Priyanka Gupta, John T. Stoffel, J. Quentin Clemens  
University of Michigan, Department of Urology, Ann Arbor, MI  
Presented By: Rita P. Jen, MD

Poster #M8  
TRANSCUTANEOUS SPINAL CORD STIMULATION TO EFFECT LOWER URINARY TRACT ACTIVITY AFTER SPINAL CORD INJURY  
Evgeniy Kreydin1,2, Parag Gad3,2, Hui Zhong3,2, Kyle Latack1,2, V. Reggie Edgerton3,2  
1University of Southern California, 2Rancho Los Amigos National Rehabilitation Center, 3University of California, Los Angeles  
Presented By: Evgeniy I. Kreydin, MD
1:00 p.m. - 2:20 p.m.  LUTS/Voiding Dysfunction/Neurogenic Bladder Non-Moderated Poster Session*

Location: Mezzanine East, Level 2, Mezzanine

*Not CME Accredited

**Poster #NM1**

**PROCESS FOR DEVELOPMENT OF TERMINOLOGY FOR MALE LOWER URINARY TRACT AND PELVIC FLOOR SYMPTOMS AND DYSFUNCTION**

Bernard Haylen¹, Sender Herschorn², Ajay Singla³, Howard Goldman⁴

¹University of New South Wales, ²University of Toronto, ³Massachusetts General Hospital, ⁴Cleveland Clinic

Presented By: Bernard Haylen, MB, BS, MD, FRANZCOG CU

**Poster #NM2**

**“I DON’T KNOW ANYONE WHO PEES ON THEMSELVES ON PURPOSE”: EXPLORING WOMEN’S AND ADOLESCENTS’ LAY DISCOURSE ABOUT BLADDER HEALTH AND FUNCTION**

Beverly R. Williams¹, Jesse Nodora³, Diane K. Newman¹, Lisa Kane Low⁵, Aimee S. James⁶, Deepa R. Camenga³, Jeni Hebert-Beirne⁸, Sonya S. Brady⁹, Cecilia T. Hardacker¹⁰, Kathryn L. Burgio¹,² for the PLUS Consortium¹¹

¹University of Alabama at Birmingham School of Medicine, ²Department of Veterans Affairs, ³University of California-San Diego, Moores Cancer Center, ⁴University of Pennsylvania Perelman School of Medicine, ⁵University of Michigan School of Nursing, Dept. of Obstetrics and Gynecology, ⁶Washington University School of Medicine, Division of Public Health Sciences, ⁷Yale University School of Medicine, Dept. of Emergency Medicine Pediatrics, ⁸University of Illinois at Chicago School of Public Health, ⁹University of Minnesota School of Public Health, ¹⁰Howard Brown Health, Chicago, IL, ¹¹National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD

Presented By: Beverly R. Williams

**Poster #NM3**

**WITHDRAWN**

**Poster #NM4**

**CORRELATION OF SYMPTOM SEVERITY AND BOTHER IN INDIVIDUALS SEEKING CARE FOR LOWER URINARY TRACT SYMPTOMS**

Nnenaya Q. Agochukwu, MD¹, Jonathan B. Wiseman², Abigail R. Smith², Margaret E. Helmuth³, Kevin P. Weinfurt³, Aruna V. Sarma¹, James W. Griffith⁴, David Cellà⁴, Anne P. Cameron¹, Kathryn E. Flynn⁵, Bradley A. Erickson⁶, Ziya Kirkali¹, Cindy L. Amundsen⁵, H. Henry Lai⁸, Meera Tavathia⁴, J. Quentin Clemens and the LURN Study⁷

¹University of Michigan, ²Arbor Research Collaborative for Health, ³Duke University Medical Center, ⁴Northwestern University Feinberg School of Medicine, ⁵Medical College of Wisconsin, ⁶University of Iowa, ⁷National Institute of Diabetes and Digestive and Kidney Diseases, ⁸Washington University School of Medicine

Presented By: Nnenaya Q. Agochukwu, MD

**Poster #NM5**

**OVERACTIVE BLADDER MEDICATION PRESCRIBING HABITS OF UROLOGISTS AND PRIMARY CARE PHYSICIANS**

Kevin J. Chua, BS¹, Gen Li, PhD², Matthew Rutman, MD³, Elias Hyams, MD³

¹SUNY Downstate Medical Center, Department of Urology, Brooklyn, NY, ²Columbia University, Department of Biostatistics, New York, NY, ³Columbia University Medical Center, Department of Urology, New York, NY

Presented By: Kevin J. Chua, BS
<table>
<thead>
<tr>
<th>Poster #NM6</th>
<th>CYSTECTOMY AND ILEAL CONDUIT FOR NEUROGENIC BLADDER: COMPARISON OF THE OPEN, LAPAROSCOPIC AND ROBOT-ASSISTED APPROACHES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Benoit Peyronnet, MD, Juliette Hascoet, MD, Lucas Freton, MD, Zine-Eddine Khene, MD, Vivien Graffieff, MD, Quentin Alimi, MD, Mehdi El-Akri, MD, Claire Richard, Ms, Jacques Ker draon, MD, Caroline Voiry, MD, Karim Bensalah, MD, Grégory Verhoest, MD, Isabelle Bonn an, MD PhD, Andrea Manunta, MD</td>
</tr>
<tr>
<td></td>
<td>University of Rennes</td>
</tr>
<tr>
<td></td>
<td>Presented By: Benoit Peyronnet, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM7</th>
<th>SPINAL CORD INJURY PATIENTS PERFORMING CLEAN INTERMITTENT CATHETERIZATION HAVE MORE SEVERE BOWEL SYMPTOMS COMPARED TO PATIENTS WITH INDWELLING CATHETER, NEUROGENIC BLADDER RECONSTRUCTIVE SURGERY, OR VOIDING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Paholo Barboglio Romo¹, Iryna M. Crescenze¹, Sara M. Lenherr², Jeremy B. Myers², Blayne Welk³, Sean P. Elliot¹, Diana O'Dell¹, Angela P. Presson⁴, John T. Stoffel¹</td>
</tr>
<tr>
<td></td>
<td>¹Michigan Medicine, Ann Arbor, MI, ²University of Utah, Salt Lake City, UT, ³Western, University, London, Ontario, ⁴University of Minnesota, Minneapolis, MI</td>
</tr>
<tr>
<td></td>
<td>Presented By: Iryna M. Crescenze, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM8</th>
<th>THE ROLE OF PUBOVAGINAL SLING IN WOMEN FOR MANAGEMENT OF URINARY INCONTINENCE IN NEUROGENIC BLADDER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rachel Bergman, Iryna Crescenze, Anne Pelletier-Cameron</td>
</tr>
<tr>
<td></td>
<td>University of Michigan Department of Urology</td>
</tr>
<tr>
<td></td>
<td>Presented By: Rachel Bergman</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM9</th>
<th>UROLOGICAL OUTCOME OF UNTETHERING SURGERY FOR PATIENTS OF OCCULT SPINAL DYSRAPHISM WHOSE INITIAL SYMPTOM DEVELOPED IN ADULTHOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hee Seo Son, MD, PhD¹, Hana Yoon², Jae Yup Hong², Ju Tae Seo³, Jong Hyun Kim³, Jang Hwan Kim, MD, PhD¹</td>
</tr>
<tr>
<td></td>
<td>¹Yonsei University College of Medicine, ²Ewha Womans University College of Medicine, ³CHA University College of Medicine, ⁴Dankook University College of Medicine, ⁵Miz Medi Women's Hospital</td>
</tr>
<tr>
<td></td>
<td>Presented By: Hee Seo Son, MD, PhD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM10</th>
<th>EXPLORING THE BOWEL AND BLADDER DYSFUNCTION RELATIONSHIP IN A MULTIPLE SCLEROSIS POPULATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dora K. Jericevic¹, Benoit Peyronnet, MD¹, Tope Rude², Ekene Enemchukwu³, Ricardo Palmerola¹, Rachel Su ssman¹, Dominique Pape¹, Nirit Rosenblum¹, Carrie Sammarco¹, Lana Zho vits-Ryerson¹, Ilya Kister¹, Jonathan Howard¹, Lauren Krupp¹, Benjamin Brucker¹</td>
</tr>
<tr>
<td></td>
<td>¹NYU, ²USC, ³Stanford</td>
</tr>
<tr>
<td></td>
<td>Presented By: Dora K. Jericevic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM11</th>
<th>OUTCOMES OF INTRA DETRUSOR BOTULINUM TOXIN INJECTION IN PATIENTS WITH PARKINSON'S DISEASE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gregory Vurtle¹, Benoit Peyronnet², Andrew Feigin³, Milton Biagino³, Rebecca Gilbert³, Nirit Rosen blum³, Steven Frucht³, Alessandro DiRocco³, Victor Nitti³, Benjamin Brucker³</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, New York University School of Medicine, ²Department of Urology, University of Rennes, ³The Marlene Paolo Fresco Institute for Parkinson's Movement Disorders, New York University School of Medicine, New York, USA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Gregory Vurtle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM12</th>
<th>CHANGE IN BLADDER SPECIFIC QUALITY OF LIFE IN SCI PATIENTS MANAGED WITH CIC OVER TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Iryna Crescenze¹, Paholo Barboglio-Romo¹, Sara Lenherr², Jeremy Myers², Blayne Welk³, Sean Elliott³, Diana O'Dell¹, Angela Presson³, John Stoffel¹</td>
</tr>
<tr>
<td></td>
<td>¹University of Michigan, ²University of Utah, ³Western University, ⁴University of Minnesota</td>
</tr>
<tr>
<td></td>
<td>Presented By: Iryna Crescenze, MD</td>
</tr>
<tr>
<td>Poster #NM13</td>
<td>LOWER URINARY TRACT DYSFUNCTION IN PATIENTS WITH FAMILIAL DYSAUTONOMIA: A PROSPECTIVE STUDY</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Benoit Peyronnet, MD¹, Erin Barnes, Ms², Jose-Alberto Palma-Cardozo, MD³, Horacio Kaufmann, MD¹,</td>
</tr>
<tr>
<td></td>
<td>Benjamin Brucker, MD⁴</td>
</tr>
<tr>
<td></td>
<td>¹New York University, ²New York University</td>
</tr>
<tr>
<td></td>
<td>Presented By: Benoît Peyronnet, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM14</th>
<th>CAFFEINE AND OTHER BLADDER IRRITANT AVOIDANCE FROM THREE-DAY VOIDING DIARIES AMONG ADULTS WITH AND WITHOUT URGENCY INCONTINENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Anne P. Cameron¹, Margaret E. Helmuth², Abigail R. Smith², H. Henry Lai³, Cindy L. Amundsen⁴, Ziya Kirkali⁵, Brenda W. Gillespie⁶,</td>
</tr>
<tr>
<td></td>
<td>Claire C. Yang⁷, J. Quentin Clemens, and the LURN Study⁷</td>
</tr>
<tr>
<td></td>
<td>¹University of Michigan, ²Arbor Research Collaborative for Health, ³Washington University School of Medicine, ⁴Department of Obstetrics and Gynecology, Duke University, ⁵National Institute of Diabetes and Digestive and Kidney Diseases, ⁶University of Washington</td>
</tr>
<tr>
<td></td>
<td>Presented By: Anne P. Cameron, MD, FPMRS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM15</th>
<th>COMPARISON OF BLADDER VOIDING EFFICIENCY (BVE) IN WOMEN WHEN CALCULATED FROM A FREE FLOW (FF) OR AN INTUBATED FLOW (IF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Françoise A. Valentini, MD,PhD¹, Brigitte Marti, PT², Gilberte Robain, MD,PhD³, Philippe Zimmern, MD⁴, Pierre Nelson, PhD⁵</td>
</tr>
<tr>
<td></td>
<td>¹Hôpital Rothschild, Paris France, ²Hôpital Saint Antoine Paris France, ³Hôpital Rothschild, Paris, France, ⁴UTSouthwestern, Dallas, TX, ⁵Hôpital Rothschild, Paris, France</td>
</tr>
<tr>
<td></td>
<td>Presented By: Françoise A. Valentini, MD, PhD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM16</th>
<th>THE EFFECT OF A SHARP INCREASE IN ESTROGEN LEVELS ON OVERACTIVE BLADDER SYMPTOMS IN WOMEN UNDERGOING OVULATION INDUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Asnat Groutz¹, David Gordon¹, Foad Azem¹, Ronen Gold¹, Mordechai Shimonov², Hadar Amir¹</td>
</tr>
<tr>
<td></td>
<td>¹Lis Maternity and Women's Hospital, Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel, ²E. Wolfson Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel</td>
</tr>
<tr>
<td></td>
<td>Presented By: Asnat Groutz, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM17</th>
<th>IMPACTS OF RAPID DIAGNOSTIC TESTING IN THE MANAGEMENT OF URINARY TRACT INFECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Melissa Markowitz, BA¹, Gabriel Monti, BS¹, David Haake, MD¹, Ja-Hong Kim, MD¹</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, UCLA Medical Center, David Geffen School of Medicine at UCLA, Los Angeles, CA 90095, United States, ²John A. Burns School of Medicine at the University of Hawai‘i at Mānoa, Honolulu, HI 96813, United States</td>
</tr>
<tr>
<td></td>
<td>Presented By: Melissa Markowitz, BA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM18</th>
<th>INCREASED TIME BETWEEN SCHEDULING DATE AND APPOINTMENT DATE FOR NEW-PATIENTS MAY CAUSE DECREASED UROLOGIST PRODUCTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Joseph M. Caputo, MD¹, Elisabeth M. Sebesta, MD¹, Christopher R. Haas, MD¹, Gen Li, PhD², Matthew Rutman, MD¹, Kimberly L. Cooper, MD¹</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, New York-Presbyterian/Columbia University Medical Center, New York, NY, ²Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY</td>
</tr>
<tr>
<td></td>
<td>Presented By: Joseph M. Caputo, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM19</th>
<th>VALIDATION OF UPPER EXTREMITY MOTOR FUNCTION AS A KEY PREDICTOR OF BLADDER MANAGEMENT AFTER SPINAL CORD INJURY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Christopher S. Elliott¹,², John Stoffel¹, Jeremy Myers², Sara Lenherr³, Blayne Welk³, Sean Elliott³, Kazuko Shem⁴, for the Neurogenic Bladder Research Group</td>
</tr>
<tr>
<td></td>
<td>¹Santa Clara Valley Medical Center Division of Urology, ²Stanford University Medical Center Department of Urology, ³University of Michigan Department of Urology, ⁴University of Utah Division of Urology, ⁵Western University Division of Urology, ⁶University of Minnesota Department of Urology, ⁷Santa Clara Valley Medical Center Department of Physical Medicine and Rehabilitation</td>
</tr>
<tr>
<td></td>
<td>Presented By: Christopher S. Elliott, MD, PhD</td>
</tr>
</tbody>
</table>
### Poster #NM20

**THE ROLE OF HEALTH INSURANCE IN PATIENT REPORTED SATISFACTION WITH BLADDER MANAGEMENT IN NEUROGENIC BLADDER**  
Tope Rude¹, Blayne Welk², Jeremy Myers³, David Ginsberg¹  
¹USC Department of Urology, ²University of Western Ontario Department of Urology, ³University of Utah Department of Urology  
Presented By: Tope Rude, MD

### Poster #NM21

**PRACTICE VARIABILITY OF PERIOPERATIVE ANTIBIOTIC PROPHYLAXIS FOLLOWING SACRAL NEUROMODULATION PROCEDURES: ANALYSIS OF A NATIONWIDE INSURANCE CLAIMS DATABASE**  
Christopher Riedinger¹, Richard Fantus¹, Casey Kowalik², Christopher Lyttle³, W. Stuart Reynolds⁴, Gregory Bales¹, Sarah Faris¹, Joshua A. Cohn⁵  
¹University of Chicago, Section of Urology, Chicago, IL, ²University of Kansas, Department of Urology, Kansas City, MO, ³University of Chicago Institute for Translational Medicine, Chicago, IL, ⁴Vanderbilt University Medical Center, Department of Urologic Surgery, Nashville, TN, ⁵Einstein Healthcare Network, Department of Urology, Philadelphia, PA  
Presented By: Joshua A. Cohn, MD

### Poster #NM22

**COMBINATION THERAPIES FOR OVERACTIVE BLADDER: UNTAPPED OPPORTUNITIES?**  
Alex Kasman¹, Christopher S. Elliott¹,²  
¹Stanford University Medical Center Department of Urology, ²Santa Clara Valley Medical Center Division of Urology  
Presented By: Christopher S. Elliott, MD, PhD

### Poster #NM23

**EXPECTANT LONG-TERM FOLLOW UP OF PATIENTS WITH NON-NEUROGENIC CHRONIC URINARY RETENTION**  
Alejandro Abello, MD, Jonathan Badin, MD, William DeWolf, MD, Anurag Das, MD  
Beth Israel Deaconess Medical Center  
Presented By: Alejandro Abello, MD

### Poster #NM24

**A LARGE-SCALE SOCIAL MEDIA ANALYSIS OF OVERACTIVE BLADDER POSTS: WHAT DO PATIENTS KNOW AND WANT TO KNOW?**  
Gabriela Gonzalez¹,², Yuliya Zektser¹,²,³,⁴, Kristina Vaculik¹,²,⁵, Carine Khalil, PhD¹,²,³,⁴, Corey Arnold, PhD⁵, Christopher V. Almaro, MD, MSHPM³,⁴,⁶,⁷, Brennan M.R. Spiegel, MD, MSHS³,⁴,⁶,⁷, Jennifer T. Anger, MD, MPH²  
¹David Geffen School of Medicine, University of California, Los Angeles, CA, ²Department of Surgery, Division of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, ³Division of Health Services Research, Cedars-Sinai Medical Center, Los Angeles, CA, ⁴Cedars-Sinai Center for Outcomes Research and Education, Los Angeles, CA, ⁵Medical Imaging Informatics, Department of Radiology, UCLA, Los Angeles, CA, ⁶Division of Informatics, Cedars-Sinai Medical Center, Los Angeles, CA, ⁷Division of Digestive and Liver Diseases, Cedars-Sinai Medical Center, Los Angeles, CA  
Presented By: Gabriela Gonzalez, BS

---

**2:20 p.m. - 2:40 p.m.**  
**Blaivas Lectureship: Lifetime Achievement Award Winner**  
Moderator: Alan J. Wein, MD, PhD (hon), FACS  
Recipients:

**Neural Control of the Lower Urinary Tract**  
Recipient: William C. de Groat, PhD

**2:40 p.m. - 3:10 p.m.**  
**Break - Visit with Exhibitors**

**3:10 p.m. - 3:30 p.m.**  
**State of the Art Lecture: Vulvar Disorders**  
Speaker: Hope Haefner, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 3:30 p.m. - 4:00 p.m. | What to Do When You Get Near the End of the IC Guidelines  
                      | Moderator: Philip M. Hanno, MD, MPH                                   |
|                  | IC Guidelines Overview  
                      | Speaker: Karl J. Kreder, Jr., MD, MBA                                |
|                  | Ulcers that Recur After Fulguration  
                      | Speaker: Kristene E. Whitmore, MD                                    |
|                  | Pain Not Responding to Oral or Intravesical Agents  
                      | Speaker: Robert M. Moldwin, MD                                        |
|                  | Who Would Benefit from Cystectomy  
                      | Speaker: Deborah R. Erickson, MD                                      |
| 4:00 p.m. - 5:00 p.m. | BREAKOUT SESSIONS                                                              |
|                  | 1. Complex Neuromodulation: How to Handle the Tough Cases  
                      | Director: Jason P. Gilleran, MD                                        |
|                  | Panelists: Christopher S. Gomez, MD, Ryan M. Krlin, MD, Sarah E. McAChran, MD |
|                  | 2. Office Based Female Urology: Cutting Edge Concepts  
                      | Location: Brickell, Lobby Level                                        |
|                  | Director: Michael J. Kennelly, MD                                       |
|                  | Panelists: Michael S. Ingber, MD, Christopher K. Payne, MD, Andrea Pezzella, MD |
|                  | 3. How to Develop a Social Media Presence in Your FPMRS Practice  
                      | Location: Junior Ballroom, Lobby Level                                |
|                  | Director: Leslie M. Rickey, MD, MPH                                     |
|                  | Panelists: Seth A. Cohen, MD, Una J. Lee, MD, FPMRS, Yahir Santiago-Lastra, MD |
| 5:00 p.m. - 6:30 p.m. | CONCURRENT POSTER/PODIUM SESSION                                          |
|                  | Male Incontinence/Urodynamics Moderated Podium Session  
                      | Moderators: Mauricio Plata, MD, MSc, FACS, David E. Rapp, MD           |
5:00 p.m.  #9  SYMPTOMATIC URINARY TRACT INFECTION AFTER URODYNAMICS: A RETROSPECTIVE COHORT ANALYSIS OF 250 CONSECUTIVE PATIENTS IN THE ABSENCE OF ANTIMICROBIAL PROPHYLAXIS
Cristina M. Fox, MD1,2, Brian Kim, MSIII1, Ali Omar, MSIII1, Rima Rana, MD1, Michelle Kim, MD1, Debra Fromer, MD1
1Hackensack University Medical Center, Department of Urology, 2New York Medical College, Department of Urology
Presented By: Cristina M. Fox, MD

5:10 p.m.  #10  URODYNAMIC FINDINGS IN PATIENTS WITH NOCTURIA: AN AGE- AND GENDER-MATCHED STUDY
Elisabeth M. Sebesta, MD, Joseph M. Caputo, MD, Dina Manasherova, BA, Carrie M. Aisen, MD, Doreen E. Chung, MD
Department of Urology, Columbia University Irving Medical Center, New York, NY
Presented By: Elisabeth M. Sebesta, MD

5:20 p.m.  #11  CHALLENGES DEFINING “NORMAL” IN MULTI-CHANNEL URODYNAMICS
Natalie Swavely, MD, John Speich, PhD, Naveen Nandanan, MD, Andrea Balthazar, MD, Adam Klausner, MD
Virginia Commonwealth University
Presented By: Natalie Swavely, MD

5:30 p.m.  #12  SLING REVISION FOR BLADDER OUTLET OBSTRUCTION IN WOMEN WITH PRIMARILY STORAGE SYMPTOMS: WHAT ARE THE BEST URODYNAMIC CRITERIA TO PREDICT OUTCOMES?
Christina Escobar, Benoit Peyronnet, MD, Rachael Sussman, Ricardo Palmerola, Nirit Rosenblum, Victor Nitti, Benjamin Brucker, Dominique Malacarne Pape
New York University
Presented By: Christina Escobar, MD

5:40 p.m.  #13  A NOVEL MOBILE UROFLOWMETRY APPLICATION FOR ASSESSING LOWER URINARY TRACT SYMPTOMS
Craig V. Comiter, MD1, Edward Belotserkovsky, PhD2
1Stanford University School of Medicine, 2BE Technologies
Presented By: Craig V. Comiter, MD

5:50 p.m.  #14  DIFFERENCES IN BLADDER SENSATION DESCRIPTORS IN PARTICIPANTS WITH OVERACTIVE VERSUS HEALTHY BLADDERS IDENTIFIED USING SENSATION METER DURING NON-INVASIVE HYDRATION STUDIES
Blessan Sebastian, BS1, Dhruv Sethi, MBA, MPH1, Anna S. Nagle, PhD2, Devina Thapa1, Naomi Vinod, BS1, Zachary Cullingsworth, BS2, Andrea Balthazar, MD1,2, Adam Klausner, MD1,2, John Speich, PhD2
1Department of Surgery/Division of Urology, Virginia Commonwealth University School of Medicine, Richmond, VA, 2Department of Mechanical Nuclear Engineering, Virginia Commonwealth University School of Engineering, Richmond, VA, 3Department of Surgery Hunter Holmes McGuire Veterans Affairs Medical Center, Richmond, VA
Presented By: Andrea Balthazar, MD

6:00 p.m.  #15  DOES FEMALE PELVIC FLOOR MUSCLE STRENGTH EFFECT URODYNAMIC URETHRAL FUNCTION?
David Ossin, MD, Eric Hurtado, MD
Cleveland Clinic Florida, Section in Female Pelvic Medicine Reconstructive Surgery, Weston, FL
Presented By: David Ossin, MD

6:10 p.m.  #16  PREPAREDNESS FOR PROSTATECTOMY IMPACTS PATIENT-REPORTED POSTOPERATIVE URINARY OUTCOMES – 1 YEAR RESULTS
Bradley Gill, MD, MS1,3, Anna Faris, BS1, Abhinav Khanna, MD, MPH1, Anna Zampini, MD, MBA1, Daniel Hettel, MD1, Hadley Wood, MD1, Edmund Sabanegh, MD1
1Cleveland Clinic, 2Cleveland Veterans Affairs Medical Center
Presented By: Bradley C. Gill, MD, MS
6:20 p.m.  #17  ASSESSMENT OF THE PERSISTENCE OF SEVERE URINARY INCONTINENCE IN A POST-OP RADICAL PROSTATECTOMY COHORT
Elizabeth I. Roger1,2, Lauren Green3, Kurt McCammon1
1Eastern Virginia Medical School, Norfolk, VA, 2Naval Medical Center Portsmouth, VA, 3Eastern Virginia Medical School Healthcare Analytics and Delivery Science Institute, Norfolk, VA
Presented By: Elizabeth I. Roger, MD

5:00 p.m. - 6:30 p.m.  Female Urology/Incontinence Moderated Poster Session
Location: Biscayne Ballroom, Level 2, Mezzanine
Moderators: Maude Carmel, MD, FRCSC
Farzeen Firoozi, MD FACS

Poster #M9  COMPARISON OF OPEN AND ROBOT-ASSISTED ARTIFICIAL URINARY SPHINCTER IMPLANTATION IN FEMALE PATIENTS WITH STRESS URINARY INCONTINENCE: A MULTICENTER STUDY
Benoit Peyronnet, MD1, Grégoire Capon, MD2, Olivier Belas, MD3, Andrea Manunta, MD4, Juliette Hascoet, MD5, Lucas Freton, MD1, Anna Goujon, MD5, Michel Belas, MD5, Pierre Callerot, MD5, Vincent Cardot, MD6, Arnaud Delreux, MD7, Frédéric Dubois, MD7, Grégoire Robert, MD5, Luc Corbel, MD6, Emmanuel Della Negra, MD5, François Haab, MD, PhD10, Laurence Peyrat, MD10, Jean-Nicolas Cornu, MD11, Philippe Grise, MD, PhD11, Aurélien Descazeaud, MD, PhD12, Georges Fournier, MD, PhD13
1University of Rennes, 2University of Bordeaux, 3Polyclinique Sud Le Mans, 4University of Rennes, 5University of Bret, 6Meudon Private Hospital, 7Saint-Grégoire Private Hospital, 8Saint-Brieuc Private Hospital, 9Saint-Brieuc Private Hospital, 10Diaconesses Hospital, 11University of Rouen, 12University of Limoges, 13University of Bret
Presented By: Benoit Peyronnet, MD

Poster #M10  WOMEN’S EXPERIENCE WITH STRESS URINARY INCONTINENCE: INSIGHTS FROM A QUALITATIVE SOCIAL MEDIA ANALYSIS
Gabriela Gonzalez1,2, Yuliya Zektser1,3,4, Carine Khalil, PhD3,4, Kristina Vaculik3,4, Corey Arnold, PhD5, Christopher V. Almario, MD, MSHPM5,6,7, Brennan M.R. Spiegel, MD, MSHE5,6,7, Jennifer T. Anger, MD
1David Geffen School of Medicine, University of California, Los Angeles, CA, 2Department of Surgery, Division of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, 3Division of Health Services Research, Cedars-Sinai Medical Center, Los Angeles, CA, 4Cedars-Sinai Center for Outcomes Research and Education, Los Angeles, CA, 5Medical Imaging Informatics, Department of Radiology, UCLA, Los Angeles, CA, 6Division of Informatics, Cedars-Sinai Medical Center, Los Angeles, CA, 7Division of Digestive and Liver Diseases, Cedars-Sinai Medical Center, Los Angeles, CA
Presented By: Gabriela Gonzalez, BS

Poster #M11  LONGITUDINAL EVALUATION OF NEW OVERACTIVE BLADDER PATIENTS: ARE PATIENTS FOLLOWING UP AND UTILIZING THIRD LINE THERAPIES?
Chris Du, BA1, William T. Berg, MD2, Zhenyue Huang, BA1, Ahn Nguyen, BS3, Alice Cheung, WS3, Alexandra Siegal, BA1, Colin Dabrowski, BS1, Sina Mehрабan-Far, BS1, Steven Weissbart, MD2, Jason Kim, MD2
1Stony Brook School of Medicine, 2Stony Brook Hospital, Department of Urology
Presented By: William T. Berg, MD

Poster #M12  OUTCOMES OF MACROPLASTIQUE INJECTIONS FOR STRESS URINARY INCONTINENCE AFTER SUB-URETHRAL SLING REMOVAL
Dayron Rodriguez, Deborah Hess, Feras Alhalabi, Timothy Carroll, Maude Carmel, Philippe Zimmern UT Southwestern
Presented By: Dayron Rodriguez, MD, MPH

Poster #M13  IDENTIFYING BARRIERS TO URINARY INCONTINENCE CARE AMONG PRIMARY CARE PROVIDERS
Claire S. Burton, MD1, Rachel O’Brien2, Karyn Eilber, MD2, A. Lenore Ackerman, MD, PhD2, Jennifer Anger, MD MPH2
1University of California Los Angeles, 2Cedars Sinai Medical Center
Presented By: Claire S. Burton, MD
Poster #M14  
**REFINEMENT OF SYMPTOM-BASED FEMALE LUTS CLUSTERS BY USING THE THREE-DAY BLADDER DIARY DATA**

Victor P. Andreev¹, Gang Liu², John O.L. DeLancey², J. Quentin Clemens², Claire C. Yang², H. Henry Lai², Anne P. Cameron², Abigail R. Smith³, Margaret E. Helmuth¹, Robert M. Merion¹, Cindy L. Amundsen⁵, J. Eric Jelovsek⁵, Catherine S. Bradley⁵, Ziya Kirkali, and the LURN⁷

¹Arbor Research Collaborative for Health, ²University of Michigan, ³University of Washington, ⁴Washington University School of Medicine, ⁵Duke University, ⁶University of Iowa Carver College of Medicine, ⁷National Institute of Diabetes and Digestive and Kidney Diseases

Presented By: Victor P. Andreev, PhD, DSc

Poster #M15  
**FOCUS GROUPS VERSUS DIGITAL ETHNOGRAPHY: WHICH BETTER CAPTURES THE PERSPECTIVES OF WOMEN WITH RECURRENT URINARY TRACT INFECTIONS?**

Victoria C.S. Scott¹, Gabriela Gonzalez², Lauren W. Thum³, Taylor Sadun¹, Sally L. Maliski³, Brennan M. Spiegel³, Ja-Hong Kim¹, Jennifer T. Anger³

¹Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, ²Division of Urology, Cedars Sinai Medical Center, Beverly Hills, CA, ³Urology Specialists, Sioux Falls, SD, ⁴School of Nursing, University of Kansas Medical Center, Kansas City, KS, ⁵Department of Gastroenterology, Cedars Sinai Medical Center, Beverly Hills, CA

Presented By: Victoria C. S. Scott, MD

Poster #M16  
**SATISFACTION OF WOMEN UROLOGISTS WITH MATERNITY LEAVE, CHILDBIRTH TIMING AND WORK-FAMILY BALANCE TEN YEARS LATER**

Victoria C.S. Scott¹, Lori B. Lerner², Jennifer T. Anger³, Michelle Van Kuiken¹, A. Lenore Ackerman³

¹Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, ²VA Boston Healthcare System, Boston, MA, ³Division of Urology, Cedars Sinai Medical Center, Beverly Hills, CA

Presented By: Victoria C. S. Scott, MD

Poster #M17  
**THE NON-INVASIVE MEASUREMENT OF NON-VOIDING RHYTHMIC BLADDER CONTRACTIONS BY M-MODE ULTRASOUND IN WOMEN WITH AND WITHOUT BLADDER URGENCY**

Anna S. Nagle, PhD¹, Zachary Cullingsworth¹, Uzoma Anele, MD², Charles Blocher², Andrea Balthazar, MD², Adam Klausner, MD², John Speich, PhD¹

¹Department of Mechanical Nuclear Engineering, Virginia Commonwealth University College of Engineering, Richmond, VA, ²Department of Surgery, Virginia Commonwealth University School of Medicine, Richmond, VA

Presented By: Anna S. Nagle, PhD

Poster #M18  
**FOLLOW-UP OF E-SISTER PARTICIPANTS AT ONE SITE TO EVALUATE THE VERY LONG-TERM RESULTS OF BURCH VS. AUTOLOGOUS SLING PROCEDURE FOR STRESS URINARY INCONTINENCE**

Amy Kuprasertkul, BA¹, Alana Christie, MS², Gary Lemack, MD¹, Philippe Zimmern, MD¹

¹Department of Urology, UT Southwestern Medical Center, ²Simmons Comprehensive Cancer Center, UT Southwestern Medical Center

Presented By: Amy Kuprasertkul, BS

5:00 p.m. - 6:30 p.m.  
**Female Urology/Incontinence Non-Moderated Poster Session**

Location: Mezzanine East, Level 2, Mezzanine

*Not CME Accredited

Poster #NM25  
**WITHDRAWN**

Poster #NM26  
**DO WOMEN WITH PELVIC FLOOR DISORDERS PREFER TO BE TREATED BY FEMALE UROGYNECOLOGISTS?**

Asnat Groutz¹, David Gordon¹, Ronen Gold¹, Mordechai Shimonov², Yifat Amir Levy¹, Hadar Amir¹

¹Lis Maternity and Women’s Hospital, Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel, ²E. Wolfson Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Israel.

Presented By: Asnat Groutz, MD
Poster #NM27  
**TRANSCUTANEOUS POSTERIOR TIBIAL NERVE STIMULATION IN FEMALE PATIENTS WITH OVERACTIVE BLADDER: A PROSPECTIVE SINGLE-CENTER COHORT**  
Benoit Peyronnet, MD, Nelly Senal, MD, Quentin Alimi, MD, Lorene Mathieu, MD, Juliette Hascoet, MD, Isabelle Bonan, MD PhD, Andrea Manunta, MD, Jacques Kerdraon, MD  
University of Rennes  
Presented By: Benoit Peyronnet, MD

Poster #NM28  
**FDA NOTICE ON TRANSVAGINAL ENERGY-BASED DEVICES (TV-EBD) FOR VAGINAL REJUVENATION THERAPY: WAS IT JUSTIFIED?**  
Michael J. Kennelly, MD, Carolinas Healthcare System, Cameron Futral, Carolinas Healthcare System  
McKay Urology  
Presented By: Michael J. Kennelly, MD

Poster #NM29  
**COMPARISON OF PUBLICATION BIAS WITHIN THE GENERAL AND FEMALE UROLOGY LITERATURE**  
Jacqueline M. Zillioux, Nickhil Patel, Nicole Tuong, David Rapp  
University of Virginia School of Medicine  
Presented By: Jacqueline M. Zillioux, MD

Poster #NM30  
**FOLLOW UP EXPERIENCE WITH TELEMEDICINE VISITS IN FEMALE UROLOGY PATIENTS**  
Alex Uhr, MD, Joon Yau Leong, Ali Syed, MD, Leonard Gomella, MD, Deborah Glassman, MD  
Department of Urology, Thomas Jefferson University, Philadelphia PA  
Presented By: Alex Uhr, MD

Poster #NM31  
**LONG-TERM SAFETY AND EFFICACY OF POLYDIMETHYLSILOXANE (MACROPLASTIQUE®) IN PATIENTS WITH STRESS URINARY INCONTINENCE: ANALYSIS OF PATIENTS WHO COMPLETED 3-YEARS OF TREATMENT**  
Gamal Ghoniem, MD1, Bilal Farhan, MD1, Mashrin Chowdhury, DO1, Yanjun Chen, MS2  
1University of California Irvine Department Of Urology, 2University of California Irvine Institute for Clinical and Translational Science  
Presented By: Mashrin Lira Chowdhury, DO

Poster #NM32  
**IMPACT OF LIFETIME OBESITY ON URINARY INCONTINENCE IN THE WOMEN’S HEALTH INITIATIVE**  
Judy Choi, MD1, Jenny Chang2, Argyrios Ziogas, PhD2, Luohua Jiang, MD, PhD2, Hoda Anton-Culver, PhD2  
1Dept of Urology, UC Irvine Health, 2Dept of Epidemiology, UC Irvine School of Medicine  
Presented By: Judy Choi, MD

Poster #NM33  
**60 MINUTES AND VAGINAL MESH: DID THE MEDIA TELL THE WHOLE STORY?**  
Colby P. Souders, MD1, Ashley Caron1, Ndidiamaaka Obi2, Khasiah Clark2, Lynn McClelland, JD, MPH3, A. Lenore Ackerman, MD, PhD1, Jennifer Anger, MD, MPH1, Karyn Eilber, MD1  
1Cedars-Sinai Medical Center, Los Angeles, CA, 2College of Science and Health, Charles Drew University of Medicine and Science, Los Angeles, CA, 3Hugh Hazel Darling Law Library at the University of California Los Angeles School of Law, Los Angeles, CA  
Presented By: Colby P. Souders, MD

Poster #NM34  
**AGING RELATED ALTERATIONS OF NEURAL CONTROL PROPERTIES OF THE EXTERNAL ANAL SPHINCTER**  
Nicholas Dias, BS1, Chuan Zhang, MS1,2, Xuhong Li, MD3, Yingchun Zhang, PhD1,2  
1Biomedical Engineering, University of Houston, Houston, Texas, USA, 2Guangdong Provincial Work Rehabilitation Hospital, Guangzhou, Guangdong, China, 3The Third Xiangya Hospital, Changsha, Hunan, China  
Presented By: Yingchun Zhang, PhD
Poster #NM35
ARE ACTIVE WOMEN MORE LIKELY TO HAVE RECURRENT STRESS URINARY INCONTINENCE (SUI) AFTER MIDURETHRAL SLINGS (MUS)?
Kimberly Ferrante, MD1, Alison Weidner, MD1, David Ellington, MD1, Donna Mazloomdoost, MD1, David Rahn, MD1, Kyle Wohlhab, MD1, Arianna Smith, MD2, Marie Gantz, PhD2, Pamela Moalli, MD, PhD2, Emily Lukacz, MD3, For the Pelvic Floor Disorders Network1
1Kaiser Permanente, San Diego, 2Duke University Medical Center, 3University of Alabama Medicine, 4National Institute of Child Health and Human Development, 5University of Texas Southwest, 6Women and Infants Hospital, 7The Hospital Of The University Of Pennsylvania And The Pennsylvania Hospital, 8RTI International, 9University of Pittsburgh Medical Center, 10University of California, San Diego, 11Pelvic Floor Disorders Network
Presented By: Kimberly Ferrante, MD, MAS

Poster #NM36
LONG-TERM OUTCOMES AND COMPLICATIONS OF THE TRANSOBTURATOR MIDURETHRAL SLING
Librado Valadez, MD1, Trapper Munn1, Clifton F. Frilot II, PhD2, Alex Gomelsky, MD1
1LSUHSC-Shreveport, 2LSU-Shreveport School of Allied Health
Presented By: Librado Valadez, MD

Poster #NM37
VERY LONG-TERM FOLLOW-UP OF THE ANTERIOR VAGINAL WALL SUSPENSION PROCEDURE FOR INCONTINENCE AND/OR PROLAPSE REPAIR
Amy Kuprasertkul, BA1, Alana Christie, MS2, Feras Alhalabi, MD1, Philippe Zimmer, MD1
1Department of Urology, UT Southwestern Medical Center, 2Simmons Comprehensive Cancer Center, UT Southwestern Medical Center
Presented By: Amy Kuprasertkul, BS

Poster #NM38
NOCTURIA IN FEMALE PATIENTS: CURRENT CLINICAL FEATURES, TREATMENT PATTERNS AND OUTCOMES AT A TERTIARY REFERRAL CENTER
Siri Drangsholt, Benoit Peyronnet, MD, Maria Arcila-Ruiz, Rachael Sussman, Ricardo Palmerola, Dominique Pape, Nirit Rosenblum, Victor Nitti, Benjamin Brucker
New York University
Presented By: Benjamin Brucker, MD

Poster #NM39
RADIOFREQUENCY ABLATION OF THE SUBTRIGONAL TISSUE TO TREAT REFRACTORY OAB IMPROVES QOL MEASURES, REDUCES UUI AND URGENCY VOIDS BUT INCREASES NON-URGENCY VOIDS
Eric S. Rovner, Professor of Urology1, Eboo Versi, Clinical Associate Professor2, Le-Mai Tu, Professor of Urology3, Roger Dmochowski, Professor of Urology4, Stefan deWachter, Professor of Urology5
1Medical University of South Carolina, 2Robert Wood Johnson Medical School, 3University of Sherbrooke, 4Vanderbilt University Medical Center, 5University of Antwerp
Presented By: Eric S. Rovner, MD

Poster #NM40
PERSONAL PREFERENCES FOR THE USE OF NONABSORBABLE SYNTHETIC MESH IN THE MANAGEMENT OF STRESS URINARY INCONTINENCE AND PELVIC ORGAN PROLAPSE AMONG UROLOGISTS UROGYNECOLOGISTS
Sanchita Bose, MD1, Dayron Rodriguez, MD2, Ricardo Munarriz, MD3, Linda Ng, MD4
1Houston Methodist Hospital, Houston, TX, 2UT Southwestern Medical Center, Dallas, TX, 3Boston Medical Center, Boston, MA
Presented By: Sanchita Bose, MD

Poster #NM41
MESH COMPLICATIONS FROM MIDURETHRAL SLINGS: ARE THEY ASSOCIATED WITH INCREASED DEPRESSION AND SELF-HARM BEHAVIOR?
Blayne Welk1, Jennifer Reid2
1Western University, 2CES Western
Presented By: Blayne Welk, MD, MSc

Poster #NM42
WITHDRAWN
| Poster #NM43 | Patient Preference in Their Urologists’ Gender: Is There a Bias? | David Abramowitz, MD1, Nahomy Calixte, MD2, Hadley Narins, MD3, Teresa Danforth, MD1  
1Department of Urology, University at Buffalo, 2Watson Clinic, Lakeland, FL, 3Associated Medical Professionals, Syracuse, NY  
Presented By: David Abramowitz, MD |
| --- | --- | --- |
| Poster #NM44 | Patients Have Poor Compliance with Repeat Onabotulinumtoxin A Injections for Overactive Bladder | Anh Nguyen1, Justina Tam2, Chris Du1, Qingjie Wang1, Michael Hung2, Jason Kim2  
1Stony Brook University School of Medicine, 2Department of Urology, Stony Brook University Medical Center  
Presented By: Anh Nguyen, BA |
| Poster #NM45 | Prevalence of Pelvic Floor Disorders in Female Crossfit Athletes | Kim H. Thai1, Rachel High2, Hina Virani3, Jill Danford2  
1Department of Urology, Baylor Scott and White Health, 2Department of Female Pelvic Medicine and Reconstructive Surgery, Baylor Scott and White Health, 3Department of Obstetrics Gynecology, Baylor Scott and White Health  
Presented By: Kim H. Thai, MD |
| Poster #NM46 | BMI>35 Could Be Associated to a Worse Composite Outcome for SUI Sling Procedure-Retrospective Study of a Large Dataset of Patients | Javier Pizarro-Berdichevsky, Bernardita Blumel, Trinidad Raby, Fabiola Schlageter  
División de Obstetricia y Ginecología, Hospital Sótero del Río, Pontificia Universidad Católica de Chile  
Presented By: Javier Pizarro-Berdichevsky, MD |
| Poster #NM47 | Persistent Stress Urinary Incontinence Following Pubovaginal Slings in Patients Who Failed Previous Anti-Incontinence Procedures: Prevalence, Risk Factors and Management | Ricardo Palmerola1, Benoit Peyronnet, MD1, Michelle Peng1, Rachael Sussman1, Christina Escobar1, Nirit Rosenblum1, Victor Nitti1, Benjamin Brucker1  
1NYU Langone Medical Center, 2George Washington University  
Presented By: Ricardo Palmerola, MD |
New York University  
Presented By: Rachael D. Sussman, MD |
| Poster #NM49 | Can We Unify the Field of Questionnaires in Women with Mixed Urinary Incontinence?: Domain Comparison Between 6 Validated Questionnaires | Rena D Malik1, Deborah Hess2, Alana Christie3, Maude E Carmel2, Philippe E Zimmer2  
1University of Maryland School of Medicine, Dept. Surgery, Baltimore, MD, 2University of Texas Southwestern Medical Center, Dept. Urology, Dallas, TX, 3University of Texas Southwestern Medical Center, Dallas, TX  
Presented By: Rena D. Malik, MD |
| Poster #NM50 | Is Less More? A Cadaver Model to Assess Diffusion Patterns of Intra-Detrusor Injections | Lauren Tennyson1, Esther Han1, Kenneth M Peters1,2, Larry T Sirle1,2  
1Department of Urology, Beaumont Health, Royal Oak, MI, 2Oakland University William Beaumont School of Medicine, Rochester, MI  
Presented By: Lauren Tennyson, MD |
<table>
<thead>
<tr>
<th>Poster #NM51</th>
<th>RESOLUTION OF URINARY INCONTINENCE FOLLOWING PELVIC ORGAN PROLAPSE SURGERY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shirly Solouki, MD(^1), Sophie Shoval, MS(^2), Nitya Abraham, MD(^3)</td>
</tr>
<tr>
<td></td>
<td>(^1)Albert Einstein College of Medicine/Montefiore Medical Center Department of OB/GYN, (^2)Albert Einstein College of Medicine, (^3)Albert Einstein College of Medicine/Montefiore Medical Center Department of Urology</td>
</tr>
<tr>
<td></td>
<td>Presented By: Shirly Solouki, MD</td>
</tr>
<tr>
<td>Poster #NM52</td>
<td>EFFECTS OF BOWEL HABBIT ON PSYCHOSOCIAL BEHAVIOR</td>
</tr>
<tr>
<td></td>
<td>Sophia Delpe Goodridge(^1), Casey Kowalik(^2), Daily Adam(^1), Kaufman Melissa, Faculty(^1), Hartigan Siobhan(^1), Dmochowski Roger, Faculty(^1), Reynolds Stuart, Faculty</td>
</tr>
<tr>
<td></td>
<td>(^1)VUMC, (^2)Kansas University</td>
</tr>
<tr>
<td></td>
<td>Presented By: Sophia Delpe Goodridge, MD</td>
</tr>
<tr>
<td>Poster #NM53</td>
<td>MANAGEMENT OF PATIENTS WITH OVERACTIVE BLADDER WHO FAIL INTRADETRUSOR ONABOTULINUMTOXINA INJECTIONS: WHAT HAPPENS NEXT?</td>
</tr>
<tr>
<td></td>
<td>Patricia M. Zahner, Laura L. Giusto, Samir Derisavifard, Jessica J. Rueb, Michele Fascelli, Courtenay K. Moore, Raymond R. Rackley, Sandip P. Vasavada, Howard B. Goldman</td>
</tr>
<tr>
<td></td>
<td>Cleveland Clinic Foundation</td>
</tr>
<tr>
<td></td>
<td>Presented By: Patricia M. Zahner, MD</td>
</tr>
<tr>
<td>Poster #NM54</td>
<td>ANATOMICAL CHARACTERISTICS OF SUBTRIGONAL ZONE AS POTENTIAL AREA FOR NOVEL TARGETTED APPROACHES TO TREAT BLADDER DYSFUNCTION: MRI STUDY IN FEMALES</td>
</tr>
<tr>
<td></td>
<td>Mashrin L. Chowdhury, DO(^1), Naila Javaid, MD(^1), Bilal Farhan, MD(^1), Dina Saba(^1), Gamal Ghoniem, MD(^1), Sonia Lee, MD(^2), Mohammad Helmy, MD(^2)</td>
</tr>
<tr>
<td></td>
<td>(^1)University of California Irvine Department of Urology, (^2)University of California Irvine Department of Radiology</td>
</tr>
<tr>
<td></td>
<td>Presented By: Naila Javaid, MD</td>
</tr>
<tr>
<td>Poster #NM55</td>
<td>A COMPARISON OF FREE FLOW CONFIGURATION AND VIDEO-URODYNAMIC FINDINGS IN WOMEN WITH LOWER URINARY TRACT SYMPTOMS: IS CONFIGURATION PREDICTIVE OF OBSTRUCTION?</td>
</tr>
<tr>
<td></td>
<td>Bogdan Toia, Richard Axell, Habiba Yasmin, Mahreen Pakzad, Rizwan Hamid, Tamsin Greenwell, Jeremy Ockrim</td>
</tr>
<tr>
<td></td>
<td>University College London Hospital</td>
</tr>
<tr>
<td></td>
<td>Presented By: Jeremy Ockrim, MD, BSc(Hons), FRCS</td>
</tr>
<tr>
<td>Poster #NM56</td>
<td>IMPACT OF HANDS-ON TEACHING OF TRANSOBTURATOR SLING PLACEMENT ON CADAVERIC MODEL</td>
</tr>
<tr>
<td></td>
<td>Iryna Crescenze, Giulia Lane, MD, Priyanka Gupta, Paholo Barboglio Romo</td>
</tr>
<tr>
<td></td>
<td>University of Michigan</td>
</tr>
<tr>
<td></td>
<td>Presented By: Iryna Crescenze, MD</td>
</tr>
<tr>
<td>Poster #NM57</td>
<td>CURRENT TRENDS IN FEMALE PELVIC MEDICINE AND RECONSTRUCTION SURGERY FELLOWSHIPS. ARE FEMALES BECOMING MORE PROMINENT WHILE UROLOGISTS ARE BECOMING LESS?</td>
</tr>
<tr>
<td></td>
<td>Jacquelyn Gonka-Griffio, Teresa L. Danforth</td>
</tr>
<tr>
<td></td>
<td>Jacobs School of Medicine and Department of Urology</td>
</tr>
<tr>
<td></td>
<td>Presented By: Jacquelyn Gonka-Griffio, MD</td>
</tr>
<tr>
<td>Poster #NM58</td>
<td>ANALYSIS OF ONLINE UROLOGIST RATINGS: DOES SUBSPECIALTY INFLUENCE MEAN RATING?</td>
</tr>
<tr>
<td></td>
<td>C William Pike, Jacqueline M. Zillioux, Devang Sharma, David Rapp</td>
</tr>
<tr>
<td></td>
<td>University of Virginia</td>
</tr>
<tr>
<td></td>
<td>Presented By: Jacqueline M. Zillioux, MD</td>
</tr>
<tr>
<td>Poster #</td>
<td>Title</td>
</tr>
<tr>
<td>----------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>NM59</td>
<td>ICS EDUCATIONAL MODULE: COUGH STRESS TEST IN THE EVALUATION OF FEMALE URINARY INCONTINENCE: INTRODUCING THE ICS-UNIFORM COUGH STRESS TEST</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>NM60</td>
<td>WITHDRAWN</td>
</tr>
<tr>
<td>NM61</td>
<td>ROBOTIC ASSISTED LAPAROSCOPIC APICAL SUSPENSION WITH SPIRAL (RALAS-S) TECHNIQUE: DESCRIPTION OF NO MESH SURGERY FOR THE CORRECTION OF APICAL PROLAPSES</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>NM62</td>
<td>RECENT PRESENCE OF FEMALE AUTHORSHIP WITHIN THE UROLOGIC LITERATURE</td>
</tr>
<tr>
<td>NM63</td>
<td>EFFECT OF ONE-DAY COURSE IN FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY ON CONFIDENCE AND KNOWLEDGE OF STRESS INCONTINENCE AND PELVIC ORGAN PROLAPSE IN UROLOGY RESIDENTS</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>NM64</td>
<td>THE MANAGEMENT AND OUTCOMES OF URETHRAL COMPLICATIONS OF MID URETHRAL TAPES FOR STRESS URINARY INCONTINENCE</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### FRIDAY, MARCH 01, 2019

#### OVERVIEW

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:45 a.m. - 6:30 a.m.</td>
<td>Zumba</td>
<td>Sevilla, Lobby Level</td>
</tr>
<tr>
<td>6:15 a.m. - 5:00 p.m.</td>
<td>Registration/Information Desk Open</td>
<td>Ballroom Foyer, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:00 a.m. - 5:30 p.m.</td>
<td>Speaker Ready Room Hours</td>
<td>Alhambra, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:00 a.m. - 7:45 a.m.</td>
<td>Breakfast in Exhibit Hall</td>
<td>Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:00 a.m. - 7:30 p.m.</td>
<td>Exhibit Hall Open</td>
<td>Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>11:50 a.m. - 1:00 p.m.</td>
<td>Industry Satellite Lunch Symposium</td>
<td>Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
<tr>
<td>6:00 p.m. - 7:30 p.m.</td>
<td>Cocktail Hour - Awards Recognition in Exhibit Hall</td>
<td>Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td>7:30 p.m. - 9:30 p.m.</td>
<td>SUFU 50th Anniversary Celebration</td>
<td>Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
</tbody>
</table>

#### GENERAL SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 a.m. - 8:30 a.m.</td>
<td>Biostatistics Course*</td>
<td>Brickell, Lobby Level</td>
</tr>
<tr>
<td></td>
<td>Location: Brickell, Lobby Level</td>
<td>Speakers: Nazema Y. Siddiqui, MD, MHS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>April Slee</td>
</tr>
<tr>
<td></td>
<td>*Not CME Accredited/Pre-Registration Required</td>
<td></td>
</tr>
<tr>
<td>6:30 a.m. - 8:30 a.m.</td>
<td>Research Networks</td>
<td>Junior Ballroom, Lobby Level</td>
</tr>
<tr>
<td></td>
<td>Location: Junior Ballroom, Lobby Level</td>
<td>Director: Ariana L. Smith, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Panelists: H. Henry Lai, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Leslie M. Rickey, MD, MPH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Larissa V. Rodriguez, MD, FPMRS</td>
</tr>
</tbody>
</table>

#### CONCURRENT SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. - 8:00 a.m.</td>
<td>Video Session I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Lindsey Cox, MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Christopher F. Tenggardjaja, MD</td>
<td></td>
</tr>
<tr>
<td>Video #1</td>
<td>TRANSVAGINAL CYSTOLITHOTOMY: A NOVEL APPROACH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>JJ Zhang, M.D.; Jessica Lloyd, M.D., Juan Guzman-Negron, M.D., Howard Goldman, M.D.</td>
<td>Cleveland Clinic Foundation</td>
</tr>
<tr>
<td></td>
<td>Presented By: JJ Haijing Zhang, MD</td>
<td></td>
</tr>
<tr>
<td>Video #2</td>
<td>ROBOTIC REVISION OF AN ARTIFICIAL URINARY SPHINCTER IN A FEMALE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Esther Han, D.O.¹, Jason Gilleran, M.D.¹,²</td>
<td>Beaumont Health, Oakland University</td>
</tr>
<tr>
<td></td>
<td>Presented By: Esther Han, DO</td>
<td></td>
</tr>
<tr>
<td>Video #3</td>
<td>CHRONIC CYSTITIS IN POST-MENOPAUSAL WOMEN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Philippe Zimmern, MD, Joseph Crivelli, MD, Rena Malik, MD, Deborah Hess, MD</td>
<td>Department of Urology, UT Southwestern Medical Center</td>
</tr>
<tr>
<td></td>
<td>Presented By: Philippe E. Zimmern, MD, FACS, FPMRS</td>
<td></td>
</tr>
</tbody>
</table>
Video #4  ROBOT-ASSISTED IMPLANTATION OF ARTIFICIAL URINARY SPHINCTER IN WOMEN
Benoit Peyronnet, MD,1 grégoire capon, MD,1 Olivier Belas, MD2, Andrea manunta, MD1, Vincent Cardot, MD3, Frédéric Dubois, MD4, Juliette hascoet, MD5, adrien vidart, MD6, Xavier gamé, MD, PhD7, Aurélien Descazeaud, MD PhD7, Georges Fournier, MDPhD8
1University of Rennes, 2Polyclinique Sud Le Mans, 3Meudon Private Hospital, 4Saint-Grégoire Private Hospital, 5Foch Hospital, 6University of Toulouse, 7University of Limoges, 8University of Brest
Presented By: Benoit Peyronnet, MD

Video #5  SURGICAL MANAGEMENT OF A SKENE’S GLAND ABSCESS
Elisabeth M. Sebesta, MD, Doreen E. Chung, MD
Department of Urology, Columbia University Irving Medical Center, New York, NY
Presented By: Elisabeth Sebesta, MD

Video #6  NEOBLADDER-VAGINAL FISTULA
Philippe Zimmern, MD, Renal Malik, MD, Deborah Hess, MD, Ganesh Raj, MD
Department of Urology, UT Southwestern Medical Center
Presented By: Philippe E. Zimmern, MD, FACS, FPMRS

8:00 a.m. - 8:15 a.m.  Annual Business Meeting
8:15 a.m. - 9:45 a.m.  CONCURRENT POSTER/PODIUM SESSION

8:15 a.m. #18 DEVELOPMENT AND EVALUATION OF A NOVEL LONG-TERM FULLY-RESORBABLE SCAFFOLD OPTIMIZED FOR FEMALE PELVIC ORGAN PROLAPSE (POP)
Zeliha Guler Gokce1, Chantal M. Diedrich1, Eva Vodegel1, Lucie Hympánová2, Edoardo Mazza3, Jan Deprest3, Jan Paul Roovers1
1Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands, 2Centre for Surgical Technologies, Group Biomedical Sciences, KU Leuven, Leuven, Belgium, 3Institute of Mechanical Systems, ETH Zurich, Zurich, Switzerland
Presented By: Zeliha Guler Gokce, PhD

8:25 a.m. #19 ASSESSING THE IMPACT OF PROCEDURE-SPECIFIC OPIOID PRESCRIBING RECOMMENDATIONS ON OPIOID STEWARDSHIP FOLLOWING PELVIC ORGAN PROLAPSE SURGERY
Brian J. Linder, MD, MS, John Occhino, MD, Christopher Klingele, MD, Emanuel Trabuco, MD, John Gebhart, MD
Mayo Clinic
Presented By: Brian J. Linder, MD, MS

8:35 a.m. #20 READABILITY OF PATIENT EDUCATION MATERIALS ON PELVIC ORGAN PROLAPSE, OVERACTIVE BLADDER, AND STRESS URINARY INCONTINENCE
Chris Du1, Wai Lee2, Alvaro Lucioni2, Kathleen C. Kobashi2, Una J. Lee2
1SUNY Stonybrook, 2Virginia Mason
Presented By: Chris Du, BA

8:45 a.m. #21 UTILIZATION OF TRANSVAGINAL MESH AND URETHRAL SLING IN NEW YORK STATE FROM 2005 TO 2015
Zhenyue Huang1, Anh Thuy Nguyen1, William T. Berg2, Alexandra R. Siegal1, Sina Mehraban-Far1, Michael Gross1, Steven Weissbart2, Jason Kim2
1Stony Brook University School of Medicine, Stony Brook, New York, 2Department of Urology, Stony Brook University Medical Center, Stony Brook, New York
Presented By: Zhenyue Huang
SCIENTIFIC PROGRAM

8:55 a.m. #22 CONTEMPORARY MULTICENTER OUTCOMES OF AUGMENTATION CYSTOPLASTY IN THE ADULT POPULATION OVER A 10-YEAR PERIOD: A NEUROGENIC BLADDER RESEARCH GROUP (NBRG) STUDY
Philip J. Cheng, MD1, Sanchita Bose, MD2, Rose Khavari, MD2, Blayne Welk, MD, MS3, David Ginsberg, MD4, Sara Lenherr, MD, MS1, John Stoffel, MD5, Michael Kenenelly, MD, FACS, FPMRS6, Yahir Santiago-Lastra, MD, MD1, Sean Elliott, MD, MS, FACS6, Jeremy Myers, MD, FACS7
1University of Utah, Salt Lake City, UT, 2Houston Methodist Hospital, Houston, TX, 3Western University, London, Ontario, Canada, 4University of Southern California, Los Angeles, CA, 5University of Michigan, Ann Arbor, MI, 6Carolinas Medical Center, Chapel Hill, NC, 7University of California San Diego, San Diego, CA, 8University of Minnesota, Minneapolis, MN
Presented By: Philip J. Cheng, MD

9:05 a.m. #23 LESSONS LEARNED: FIRST 50 VAGINOPLASTIES
Virginia Y. Li, Amanda Chi, Melissa Poh, Owen Aftreth, Daniel Artenstein, Polina Reyblat
Kaiser Permanente
Presented By: Virginia Y. Li, MD

9:15 a.m. #24 IS BOTULINUM TOXIN A AN EFFECTIVE TREATMENT IN PATIENTS FOLLOWING RADIOTHERAPY?
Bogdan Toia, Mahreen Pakzad, Rizwan Hamid, Tamsin Greenwell, Jeremy Ockrim
University College London Hospital
Presented By: Jeremy Ockrim, MD, BSc(Hons), FRCS

9:25 a.m. #25 URETERAL INJURY AND FISTULA FOLLOWING HYSTERECTOMY FOR BENIGN INDICATIONS
Kai B. Dallas, MD1, Lisa Rogo-Gupta2, Christopher S. Elliott1,3
1Stanford University, Department of Urology, Stanford, CA, 2Stanford University, Department of Obstetrics and Gynecology, Stanford, CA, 3Santa Clara Valley Medical Center, Department of Urology, San Jose, CA
Presented By: Kai B. Dallas, MD

9:35 a.m. #26 UROLOGIC COMPLICATIONS REQUIRING INTERVENTION FOLLOWING HIGH-DOSE PELVIC RADIATION FOR CERVICAL CANCER
Haerin Lee Beller, MD, Jacqueline M. Zillioux, David Rapp, Tracey Krupski, Linda Duska, Timothy Showalter, Jennifer Lobo, Noah Schenkenman
University of Virginia School of Medicine
Presented By: Haerin Lee Beller, MD

8:15 a.m. - 9:45 a.m. Male Incontinence/Urodynamics/Neuromodulation Moderated Poster Session
Location: Biscayne Ballroom, Level 2, Mezzanine
Moderators: Jason M. Kim, MD, John P. Lavelle, MB, FRCSI

Poster #M19 PERIOPERATIVE FACTORS CONTRIBUTING TO DELAYED RETURN OF CONTINENCE AFTER RADICAL PROSTATECTOMY
Divya Ajay1, Hanhan Li1, Brittani Harlow2, Jenny Nguyen2, Cooper Benson3, Xuemei Wang4, Brian Chapin1, John Davis1, O. Lenaine Westney1
1Department of Urology, The University of Texas, MD Anderson Cancer Center, Houston, TX, 2University of Texas Health Science Center at Houston, McGovern Medical School, Houston, TX, 3Tulane University, 4Department of Biostatistics, The University of Texas, MD Anderson Cancer Center, Houston, TX
Presented By: Divya Ajay, MD, MPH

Poster #M20 PROSPECTIVE PARALLEL COHORT, MULTI-CENTER STUDY OF SOLYX SINGLE INCISION SLING VS. OBTRYX II SLING FOR TREATING STRESS URINARY INCONTINENCE IN WOMEN: 3 YEAR RESULTS
Amanda White1, Bruce Kahn1, Guang Yang2, Joseph Schaffer2
1University of Texas Dell Medical School, 2Scripps Clinic, 3Marlborough, MA, 4University of Texas Southwestern Medical Center
Presented By: Amanda White, MD
Poster #M21  URODYNAMIC MECHANISMS UNDERLYING OVERACTIVE BLADDER SYMPTOMS IN PATIENTS WITH PARKINSON'S DISEASE
Gregory Vurture1, Benoit Peyronnet, MD2, Jose-Alberto Palma3, Rachael Sussman1, Milton Biagini4, Dominique Malacarne1, Andrew Feigin5, Ricardo Palmerola1, Nirit Rosenblum1, Steven Frucht6, Horacio Kaufmann7, Victor Nitti1, Benjamin Brucker1
1Department of Urology, New York University School of Medicine, 2Department of Urology, University of Rennes, 3Department of Neurology Dysautonomia Center, New York University School of Medicine, New York, USA, 4The Marlene Paolo Fresco Institute for Parkinson's Movement Disorders, New York University School of Medicine, New York, USA
Presented By: Gregory Vurture

Poster #M22  HAS THE USE OF PRE-OPERATIVE URODYNAMICS FOR STRESS URINARY INCONTINENCE SURGERY CHANGED FOLLOWING THE VALUE STUDY?
Matthew Clements1, C. William Pike2, Jacqueline M. Zillioux1, David Rapp1
1University of Virginia School of Medicine, 2Georgetown University School of Medicine
Presented By: Jacqueline M. Zillioux, MD

Poster #M23  DIFFERENCES IN BLADDER SHAPE DURING FILLING BETWEEN INDIVIDUALS WITH HEALTHY AND OVERACTIVE BLADDERS IDENTIFIED USING NON-INVASIVE ULTRASOUND DURING ORAL HYDRATION
Dhruv Sethi, MBA, MPH1, Blessan Sebastian, BS1, Devina Thapa2, Naomi Vinod, BS2, Zachary Cullingsworth, BS2, Andrea Balthazar, MD3,4, Anna S. Nagle, PhD2, Laura Carucci, MD2, John Speich, PhD2, Adam Klausner, MD3,4
1Virginia Commonwealth University School of Medicine, Richmond, VA, 2Department of Mechanical Nuclear Engineering, Virginia Commonwealth University School of Engineering, Richmond, VA, 3Department of Surgery/Division of Urology, Virginia Commonwealth University School of Medicine, Richmond, VA, 4Department of Surgery Hunter Holmes McGuire Veterans Affairs Medical Center, Richmond, VA, 5Department of Radiology, Virginia Commonwealth University, Richmond, VA
Presented By: Andrea Balthazar, MD

Poster #M24  ENVIRONMENTAL FACTORS TO INCREASE PATIENT COMFORT DURING URODYNAMIC TESTING: A RANDOMIZED CONTROL TRIAL OF 160 PATIENTS
Alexandra Carolan, MD, Kyle Rose, MD, Kathleen Olson, MD, Kassem Faraj, MD, Marlene Girardo, MS, Christopher Wolter, MD, Aqsa Khan, MD
Urology Department, Mayo Clinic, Phoenix, Arizona
Presented By: Alexandra Carolan, MD

Poster #M25  16-YEAR TRENDS OF INTERSTIM IMPLANTATION: A STATEWIDE DATABASE ANALYSIS
Michael Gross, BS1, Alexandra Siegal, BA1, Chris Du, BA1, William Berg, MD2, Wai Lee, MD3, Jason Kim, MD2
1Stony Brook University School of Medicine, Stony Brook, New York, 2Department of Urology, Stony Brook University Medical Center, Stony Brook, New York, 3Department of Urology, Virginia Mason Medical Center, Seattle, WA
Presented By: Michael Gross, BS

Poster #M26  ASSESSMENT OF TRANSCUTANEOUS ULTRASOUND IN IDENTIFICATION OF THE POSTERIOR TIBIAL NERVE
Steven Petrou, Eric Robinson, Rachel Pung, Edsel Bittencourt, Steven Lomax, MD, David Thiel
Mayo Clinic Florida, Department of Urology
Presented By: Steven Lomax, MD
SCIENTIFIC PROGRAM

Poster #M27  
**SACRAL NEUROMODULATION IN PATIENTS WITH PARKINSON'S DISEASE: A MULTICENTER STUDY**  
Benoit Peyronnet, MD1, Xavier Biardeau, MD2, Jean-Nicolas Coru, MD, PhD3, Gregory Vurture4, Agathe Hignard5, Francois Tariel1, Anabelle Auble, MD2, Thibaut Briere6, Vivien Graffeille, MD8, Francois Marcelli, MD9, Andrea Manunta, MD1, Victor Nitti, MD1, Nirit Rosenblum, MD1, Xavier Gamé, MD, PhD7, Benjamin Brucker, MD1  
1University of Rennes, France, 2University of Lille, France, 3University of Rouen, France, 4New York University, 5University of Lille, France, 6University of Toulouse, France, 7University of Toulouse, France  
Presented By: Benoit Peyronnet, MD

Poster #M28  
**12 YEAR SINGLE CENTER RETROSPECTIVE REVIEW OF RISK FACTORS AND RATE OF TINED LEAD BREAKAGE DURING SACRAL NEUROMODULATION LEAD EXPLANT**  
Jessica J. Rueb1, Javier Pizarro-Berdichevsky2, Samir Derisavifard1, Patricia Zahner1, Laura Giusto1, Courtenay Moore1, Raymond Rackley1, Sandip Vasavada1, Howard Goldman1  
1Cleveland Clinic, Female Pelvic Medicine and Reconstructive Surgery, Cleveland, OH, 2Hospital Dr. Sotero del Rio, Department of Obstetricia y Ginecologia, Pontificia Universidad Catolica de Chile, Santiago, Chile  
Presented By: Jessica J. Rueb, MD

8:15 a.m. - 9:45 a.m.  
**Male Incontinence/Urodynamics/Neuromodulation/Female Urology Non-Moderated Poster Session**  
*Not CME Accredited*

Poster #NM65  
**SACRAL NEUROMODULATION IN PARKINSON'S DISEASE PATIENTS WITH NEUROGENIC BLADDER**  
Daniel Greenberg, BA1, Ericka Sohlberg, MD, MD, Chiyuan Zhang, MPH, Craig V. Comiter, MD, Ekene Enemchukwu, MD, MPH  
Department of Urology, Stanford University School of Medicine, Stanford, CA  
Presented By: Daniel Greenberg, BA

Poster #NM66  
**TO STAGE OR NOT TO STAGE? - A COST MINIMIZATION ANALYSIS OF SACRAL NEUROMODULATION PLACEMENT STRATEGIES**  
Andrew Sun1, Catherine Harris1,2, Craig V. Comiter1, Christopher S. Elliott1,2  
1Department of Urology, Stanford University, Stanford, CA, USA, 2Division of Urology, Santa Clara Valley Medical Center, Santa Clara, CA, USA  
Presented By: Christopher S. Elliott, MD, PhD  
*2019 SUFU Clinical Essay Award Winner*

Poster #NM67  
**REAL WORLD COMPLIANCE WITH PERCUTANEOUS TIBIAL NERVE STIMULATION MAINTENANCE THERAPY**  
Chris Du, BA1, William T. Berg, MD2, Zhenyue Huang, BA1, Alexandra Siegal, BA1, Steven Weissbart, MD2, Jason Kim, MD2  
1Stony Brook School of Medicine, 2Stony Brook University, Department of Urology  
Presented By: William T. Berg, MD

Poster #NM68  
**EFFECTS OF TISSUE IMPEDANCE ON NEURAL ACTIVATION USING “CONSTANT-CURRENT” VERSUS “CONSTANT-VOLTAGE” NEUROMODULATION – A BENCHTOP STUDY**  
Bradley C. Gill, MD, MS1,2, Kenneth Gustafson, PhD2,3  
1Cleveland Clinic, 2Cleveland VA Medical Center, 3Case Western Reserve University  
Presented By: Bradley C. Gill, MD, MS

Poster #NM69  
**INTRAURETHRAL STIMULATION: A POSSIBLE WAY TO INCREASE INTRAURETHRAL PRESSURES AND PREVENT URGENCY INCONTINENCE EPISODES**  
James A. Hokanson1, Warren Grill1, Cindy Amundsen1  
1Duke University, Biomedical Engineering, 2Duke University, Obstetrics and Gynecology  
Presented By: James A. Hokanson, PhD
<table>
<thead>
<tr>
<th>Poster #NM70</th>
<th>SACRAL NEUROMODULATION: DETERMINING PREDICTORS OF SUCCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tara Nikonow Morgan, MD¹, Natalie Pace Shahait, BS², Anand Mohapatra, MD¹, Dianxu Ren, MD PhD³, Aisha Taylor, MD, MD¹, Christopher Chermsnksy, MD¹</td>
<td></td>
</tr>
<tr>
<td>University of Pittsburgh School of Medicine, University of Pittsburgh School of Medicine, University of Pittsburgh School of Medicine, University of Pittsburgh School of Medicine, University of Pittsburgh School of Medicine</td>
<td></td>
</tr>
<tr>
<td>Presented By: Tara Nikonow Morgan, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM71</th>
<th>LONG-TERM OUTCOMES OF SACRAL NEUROSTIMULATION: A SINGLE CENTER ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jonathan Badin, MD¹, Alejandro Abello, MD², Anurag Das, MD³</td>
<td></td>
</tr>
<tr>
<td>Beth Israel Deaconess Medical Center, Yale School of Medicine</td>
<td></td>
</tr>
<tr>
<td>Presented By: Jonathan Badin, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM72</th>
<th>WITHDRAWN</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Poster #NM73</th>
<th>RACIAL/ETHNIC DIFFERENCES IN URODYNAMIC PARAMETERS IN PATIENTS WITH OVERACTIVE BLADDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stephanie Zuo, MD¹, Elishia McKay, MD¹, Nitya Abraham, MD²</td>
<td></td>
</tr>
<tr>
<td>Albert Einstein College of Medicine/Montefiore Medical Center, Department of Obstetrics and Gynecology, Bronx NY, Albert Einstein College of Medicine/Montefiore Medical Center, Department of Urology, Bronx NY</td>
<td></td>
</tr>
<tr>
<td>Presented By: Stephanie Zuo, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM74</th>
<th>SPACED EDUCATION: DOES IT IMPROVE RESIDENT KNOWLEDGE RETENTION IN THE DOMAINS OF URODYNAMICS, FPMRS AND NEUROUROLOGY?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deborah Sperling Hess, MD, MS¹, Rena Malik¹, Dayron Rodriguez¹, Maude Carmel¹</td>
<td></td>
</tr>
<tr>
<td>University of Texas Southwestern, University of Maryland</td>
<td></td>
</tr>
<tr>
<td>Presented By: Deborah Sperling Hess, MD, MS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM75</th>
<th>ARE PREOPERATIVE URODYNAMICS IMPORTANT FOR THE SUCCESS OF RENAL TRANSPLANT GRAFTS?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sida Niu, Connor Chestnut, Priya Padmanabhan</td>
<td></td>
</tr>
<tr>
<td>University of Kansas Medical Center, Department of Urology</td>
<td></td>
</tr>
<tr>
<td>Presented By: Sida Niu, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM76</th>
<th>COMPARATIVE-FILL URODYNAMICS IDENTIFIES ACUTE DYNAMIC ELASTICITY IN INDIVIDUALS WITH HEALTHY BLADDERS BUT NOT IN THOSE WITH DETERUSOR OVERACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zachary Cullingsworth, BS¹, Adam Klausner, MD², Anna S. Nagle, PhD¹, Ashley Carroll, MD³, John Speich, PhD¹</td>
<td></td>
</tr>
<tr>
<td>Virginia Commonwealth University, Department of Mechanical and Nuclear Engineering, Richmond, VA, Virginia Commonwealth University, Department of Surgery/Division of Urology, Richmond, VA, Virginia Commonwealth University, Department of Obstetrics and Gynecology, Richmond, VA</td>
<td></td>
</tr>
<tr>
<td>Presented By: Zachary Cullingsworth, BS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM77</th>
<th>URODYNAMICS ON YOUTUBE: WHAT ARE PATIENTS WATCHING?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Julia Han¹, Hayley Oberhofer¹, Ashley Gordon², Andrew Rabley¹, Shahab Bozorgmehri¹, Louis Moy¹</td>
<td></td>
</tr>
<tr>
<td>University of Florida Department of Urology, University of Florida College of Medicine</td>
<td></td>
</tr>
<tr>
<td>Presented By: Julia Han, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM78</th>
<th>EFFECT OF URODYNAMIC URETHRAL CATHETER ON UROFLOWMETRY PARAMETERS: A PROSPECTIVE STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tariq F. Al-Shaaji, Consultant Urologist¹, Said Yaieh, Resident², Ahmed R. El-Nahas, Consultant Urologist¹, Abdullah Al-Terki, Consultant Urologist¹</td>
<td></td>
</tr>
<tr>
<td>Kuwait Urology Board, Kuwait Institute for Medical Specialization</td>
<td></td>
</tr>
<tr>
<td>Presented By: Tariq F. Al-Shaaji, MD</td>
<td></td>
</tr>
</tbody>
</table>
Poster #NM79
THE SYMPTOMATIC DIFFERENCES BETWEEN MEN AND WOMEN WITH DETRUSOR UNDERACTIVITY
Jeremy Ockrim, Maniele Trimboi, Richard Axell, Mahreen Pakzad, Rizwan Hamid, Tamsin Greenwell
University College London Hospitals, UCLH
Presented By: Jeremy Ockrim, MD BSc (Hons) FRCS

Poster #NM80
URINE CONDUCTIVITY FOR USE IN TELEMETRIC AMBULATORY URODYNAMIC MONITORING
Benjamin Abelson1, Ian McAdams2, Sam Butler1, Steve Majerus2, Margot Damaser1
1Cleveland Clinic, 2Louis Stokes Cleveland VA Medical Center
Presented By: Benjamin Abelson, MD

Poster #NM81
DOES THE “LAW OF URINATION” APPLY TO FEMALE HUMANS?
Angie Tsuei1, Elizabeth R. Mueller2
1Loyola University School of Medicine, 2Loyola University Medical Center
Presented By: Angie Tsuei

Poster #NM82
INFLUENCE OF NARCOTIC USE ON POSTOPERATIVE ADMISSION FOLLOWING ARTIFICIAL URINARY SPHINCTER
Sophia Delpe Goodridge, Benjamin Dropkin, Leah Chisholm, Jeremiah Dallmer, Douglas Milam, Faculty, Hartigan Siobhan, Dmochowski Roger, Faculty, Kaufman Melissa, Faculty
VUMC
Presented By: Sophia Delpe Goodridge, MD

Poster #NM83
IS AN OVERNIGHT STAY NECESSARY AFTER ARTIFICIAL URINARY SPHINCTER INSERTION? FEASIBILITY OF OUTPATIENT AUS INSERTION
Benjamin M. Dropkin, MD1, Jeremiah Dallmer, BS2, Leah Chisholm, BA2, Sophia Delpa, MD1, Siobhan Hartigan, MD1, Douglas Milam, MD1, Melissa Kaufman, MD, PhD1
1Vanderbilt University Medical Center, 2Vanderbilt University School of Medicine
Presented By: Benjamin M. Dropkin, MD

Poster #NM84
A NEW FRONTIER IN NEUROMODULATION WITH A MINIATURE WIRELESS STIMULATOR FOR SMALL PERIPHERAL NERVES
Aswini Kanneganti, PhD1,2, Geetanjali Bendale, MS1,2, Eileen Shimizu, MS1, Ashlesha Deshmukh, MS1, Ana Hernandez-Reynoso, MS1,2, Philippe Zimmerm, MD3,2, Dan Freeman, PhD1, Stuart F. Cogan, PhD1, Mario Romero-Ortega, PhD1,2,6
1Department of Bioengineering, University of Texas at Dallas, Richardson, TX, USA, 2Department of Surgery, UT Southwestern, Dallas, TX, USA, 3Department of Urology, UT Southwestern, Dallas, TX, USA, 4Draper Laboratories, Cambridge, MA, USA, 5 Department of Health Sciences, UT Southwestern, Dallas, TX, USA
Presented By: Aswini Kanneganti, PhD

Poster #NM85
AUTOMATED ANALYSIS OF SPONTAENEOUS RHYTHMIC CONTRACTIONS DURING URODYNAMICS IDENTIFIES INCREASING AMPLITUDE FROM LOW TO HIGH VOLUMES IN A SUBGROUP OF PATIENTS WITH DETRUSOR OVERACTIVITY
Zachary Cullingsworth1, Adam Klausner, MD2, John Speich, PhD1
1Virginia Commonwealth University, Department of Mechanical and Nuclear Engineering, Richmond, VA, 2Department of Surgery/Division of Urology, Richmond, VA
Presented By: Zachary Cullingsworth, BS

Poster #NM86
THE PSYCHIATRIC IMPACT OF MEDICAL AND OTHER TRAUMA ON ADULT UROLOGICAL PROCEDURES
Annie Chen, MD1, Yiqin Xu, MD2, Jillian Egan, MD1, Feustel Paul, MD2, Elise De, MD3
1Albany Medical Center, 2University of Virginia Medical Center, 3Georgetown University, 4Massachusetts General Hospital
Presented By: Annie Chen, MD
<table>
<thead>
<tr>
<th>Poster #NM87</th>
<th>ASSOCIATED URODYNAMIC FINDINGS IN MEN AND WOMEN WITH DETRUSOR UNDERACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tamsin J. Greenwell, Richard Axell, Mariele Trimboli, Mahreen Pakzad, Rizwan Hamid, Jeremy Ockrim</td>
</tr>
<tr>
<td></td>
<td>University College London Hospital, UCLH</td>
</tr>
<tr>
<td></td>
<td>Presented By: Tamsin Jillian Greenwell, MBChB, MD FRCS(Urol)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM88</th>
<th>ESTIMATION OF PVR IN MALE PATIENTS WITH CHRONIC RETENTION AND ITS CORRELATION TO URODYNAMIC FINDING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mohamed Etafy1, Beauvoirl Noel Saint2, Richard Mendelson3, Angelo Gousse2</td>
</tr>
<tr>
<td></td>
<td>1Bladder Health and Reconstructive Urology Institute, Miami, FL, USA OR Alazhar university Hospital Egypt, 2Bladder Health and Reconstructive Urology Institute, Miami, FL, USA, 3Keiser University</td>
</tr>
<tr>
<td></td>
<td>Presented By: Mohamed Etafy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM89</th>
<th>THE AETIOLOGY OF DETRUSOR UNDERACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Huriye Kocadag, Core Trainee, Richard Axell, Clinical Scientist, Mahreen Pakzad, Consultant, Rizwan Hamid, Consultant, Jeremy Ockrim, Consultant, Tamsin Greenwell, Consultant</td>
</tr>
<tr>
<td></td>
<td>University College London Hospital, UCLH@ Westmoreland Street, London, W1G 9PH</td>
</tr>
<tr>
<td></td>
<td>Presented By: Rizwan Hamid, FRCS(Urol), MD(Res)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM90</th>
<th>ESTABLISHING THE BENEFIT OF VIDEO-URODYNAMICS AFTER NON-DIAGNOSTIC CYSTOMETROGRAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bogdan Toia, Mahreen Pakzad, Rizwan Hamid, Tamsin Greenwell, Jeremy Ockrim</td>
</tr>
<tr>
<td></td>
<td>University College London Hospital</td>
</tr>
<tr>
<td></td>
<td>Presented By: Jeremy Ockrim, MD, BSc(Hons), FRCS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM91</th>
<th>WHICH IS THE BETTER OPTION FOR STRESS URINARY INCONTINENCE WITH HIGH RISK OF RECURRENCE BETWEEN RETROPUBIC AND TRANSOBTURATOR MIDURETHRAL SLINGS: A SYSTEMIC REVIEW AND META-ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aram Kim1, Ji-Yeon Han2, Young-Jin Park3, Woo Suk Choi1, Hyoung Keun Park1, Sung Hyun Paick1, YangTae Kim2, Hyeong Gon Kim1, Hong Yong Choi2, Hyun Woo Kim3</td>
</tr>
<tr>
<td></td>
<td>1Department of Urology, Konkuk University Medical Center, Konkuk University School of, 2Department of Urology, Pusan National University Yangsan Hospital, Korea, 3Hanyang University Hospital, 4Department of Urology, Catholic University Hospital</td>
</tr>
<tr>
<td></td>
<td>Presented By: Aram Kim, MD, PhD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM92</th>
<th>DOES A RISK CALCULATOR CORRECTLY PREDICT DE NOVO POSTOPERATIVE STRESS URINARY INCONTINENCE AFTER SURGERY FOR PELVIC ORGAN PROLAPSE IN A RACIALLY/ETHNICALLY DIVERSE POPULATION?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sophie Sohval, BS1, Shirly Solouki, MD2, Nitya Abraham, MD3</td>
</tr>
<tr>
<td></td>
<td>1Albert Einstein College of Medicine, Bronx, NY, 2Montefiore Medical Center, Dept. Obstetrics Gynecology, Bronx, NY, 3Montefiore Medical Center, Dept. Urology, Bronx, NY</td>
</tr>
<tr>
<td></td>
<td>Presented By: Shirly Solouki, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM93</th>
<th>WOMENS PERCEPTIONS OF RESTROOM AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sophia Delpe Goodridge, Casey Kowalik, Adam Daily, Siobhan Hartigan, Stuart Reynolds, Faculty, Melissa Kaufman, Faculty, Roger Dmochowski, Faculty</td>
</tr>
<tr>
<td></td>
<td>VUMC</td>
</tr>
<tr>
<td></td>
<td>Presented By: Sophia Delpe Goodridge, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM94</th>
<th>I LEAKED, THEN I REDDIT: EXPERIENCES AND INSIGHT SHARED ON URINARY INCONTINENCE BY REDDIT USERS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chris Du1, Wai Lee2, Dena Moskowitz2, Kathleen C. Kobashi2, Alvaro Lucioni2, Una J. Lee2</td>
</tr>
<tr>
<td></td>
<td>1SUNY Stonybrook, 2Virginia Mason</td>
</tr>
<tr>
<td></td>
<td>Presented By: Chris Du, BA</td>
</tr>
</tbody>
</table>
Poster #NM95
FEASIBILITY STUDY OF NON-ABLATIVE CRYOGEN-COOLED MONOPOLAR RADIOFREQUENCY TREATMENT FOR STRESS URINARY INCONTINENCE (SUI): INTERIM 12-MONTH Results: Bruce B. Allan, PhD, MD, FRCS(C)1, Stacie Bell, PhD2
Kathryn Husarek, PhD2
1Allan Centre, 2Viveve
Presented By: Bruce B. Allan, PhD, MD, FRCS(C)

Poster #NM96
3-YEAR OUTCOMES OF ROBOT-ASSISTED ARTIFICIAL URINARY SPHINCTER IMPLANTATION IN FEMALE PATIENTS WITH STRESS URINARY INCONTINENCE
Benoit Peyronnet, MD1, Gregoire Capon, MD2, Olivier Belas, MD3, Andrea Manunta, MD4, Pierre Callerot, MD5, Juliette Hascoet, MD6, Aurélien Descazeaud, MD7, Grégoire Robert, MD PhD8, Georges Fournier, MD9
1University of Rennes, 2University of Bordeaux, 3Polyclinique Sud Le Mans, 4University of Brest, 5University of Limoges
Presented By: Benoit Peyronnet, MD

Poster #NM97
SAFETY OF INTRADETRUSOR ONABOTULINUMTOXINA INJECTION IN THE ASYMPOTOMATIC PATIENT WITH A POSITIVE URINE DIP
Laura L. Giusto, Patricia M. Zahner, Samir Derisavifard, Jessica J. Rueb, Michele Fascelli, Courtenay K. Moore, Raymond R. Rackley, Sandip P. Vasavada, Howard B. Goldman
Cleveland Clinic Foundation
Presented By: Laura L. Giusto, MD

Poster #NM98
ADHERENCE TO THE 1997 FEMALE STRESS URINARY INCONTINENCE GUIDELINES PANEL STANDARDS FOR CLINICAL TRIALS
Nicole Tuong, Nickhil Patel, Jacqueline M. Zillioux, David Rapp
University of Virginia School of Medicine
Presented By: Nicole E. Tuong, MD

Poster #NM99
SCREENING FOR URINARY INCONTINENCE IN MINNESOTA WOMEN USING A VALIDATED EPIDEMIOLOGIC SURVEY: A CROSS-SECTIONAL STUDY
Makinna Oestreich, BA1, Martina Gabra, MD4, Katelyn Tessier, MS5, Cynthia Fok, MD, MPH6, Nissrine Nakib, MD7, John Fischer, MD, FACOG1
1University of Minnesota Medical School, Minneapolis, MN, 2University of Minnesota, Dept. of Urology, Minneapolis, MN, 3University of Minnesota, Masonic Cancer Center, Biostatistics Core, Minneapolis, MN, 4University of Minnesota, Dept. of OB/GYN, Minneapolis, MN
Presented By: Makinna Oestreich, BA

Poster #NM100
OPPORTUNISTIC SALPINGECTOMY AT THE TIME OF VAGINAL HYSTERECTOMY FOR PELVIC ORGAN PROLAPSE
Emily Slopnick, MD1,2, David Sheyn, MD1,2, Graham Chapman, MD1,2, Adonis Hijaz, MD2, Sherif El-Nashar, MD, PhD2, Sangeeta Mahajan, MD2
1Division of Urology, MetroHealth Medical Center, Cleveland, OH, 2Urology Institute, University Hospitals Cleveland Medical Center, Cleveland, OH
Presented By: Emily Slopnick, MD

Poster #NM101
SUSTAINED BENEFIT OF SUBURETHRAL SYNTHETIC MIDURETHRAL SLING REMOVAL AT LONG-TERM FOLLOW-UP
Nabeel A. Shakir, Connie Wang, Nirmish Singla, Feras Athalabai, Alana Christie, Gary Lemack, Philippe Zimmerm
UT Southwestern
Presented By: Nabeel A. Shakir, MD

Poster #NM102
EARLY EVALUATION OF AN IMPLANTED CHRONIC TIBIAL NERVE STIMULATION DEVICE VERSUS PERCUTANEOUS NERVE STIMULATION FOR THE TREATMENT OF URINARY URGE INCONTINENCE
Larry T Sirls II, MD1,2, Amanda Schonhoff, RN1, Angela Waldvogel, RN1, Deborah Hasenau, RN1, Kenneth M Peters, MD1,2
1Beaumont Hospital, Royal Oak, 2Oakland University School of Medicine
Presented By: Larry Thomas Sirls II, MD
Poster #NM103  NOVEL NONINVASIVE EXTERNAL ELECTRICAL MUSCLE STIMULATION DEVICE FOR THE TREATMENT OF FEMALE STRESS URINARY INCONTINENCE: QUALITY OF LIFE CLINICAL OUTCOMES
Roger R. Dmochowski, MD, MMHC
Vanderbilt University Medical Center
Presented By: Roger R. Dmochowski, MD, MMHC, FACS

Poster #NM104  SPEAKING ROLES OF FEMALE UROLOGISTS AT NATIONAL MEETINGS: SUFU PAVING THE WAY
Colby P. Souders, MD¹, Deanna Wong², Ashley Caron², Jennifer Anger, MD MPH¹, Maurice Garcia, MD¹
¹Department of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, ²David Geffen School of Medicine at UCLA, Los Angeles, CA
Presented By: Colby P. Souders, MD

Poster #NM105  IDENTIFYING FACTORS RESPONSIBLE FOR MESH SLING RE-EXPLORATIVE SURGERY: THE CASE FOR BETTER SURGICAL TECHNIQUE
Andrew Margules, MD, Alyssa Greiman, MD, Eric Rovner, MD
Medical University of South Carolina
Presented By: Andrew Margules, MD

Poster #NM106  PREVALENCE OF PELVIC FLOOR DISORDERS BETWEEN WOMEN IN METROPOLITAN VS NON-METROPOLITAN COMMUNITIES
Alexandra Carolan, MD¹, Nan Zhang, MS, BS¹, Kimberly Tay, BS², Christopher Wolter, MD¹, Aqsa Khan, MD¹
¹Mayo Clinic, Phoenix, AZ, ²University of Arizona College of Medicine, Phoenix, AZ
Presented By: Alexandra Carolan, MD

Poster #NM107  INTRADETRUSOR ONABOTULINUMTOXINA INJECTION FOR REFRACTORY BLADDER SPASMS BEFORE VESICOVAGINAL FISTULA REPAIR
Evan Sirls¹, Rachel Pfannes², Larry T Sirls³
¹Beaumont Health, ²University of Michigan, ³Beaumont Health, Oakland University William Beaumont School of Medicine
Presented By: Evan Sirls

Poster #NM108  FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGEONS AND THEIR RELATIONSHIPS TO INDUSTRY: ANALYSIS OF SUNSHINE ACT OPEN PAYMENTS FROM 2014-2017
Seth Teplitsky, Kevin Xie, Tomy Perez, MD, Patrick Shenot, MD
Department of Urology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania
Presented By: Seth Teplitsky, BS

Poster #NM109  MESHMERIZED: DOES THE LITERATURE SUPPORT THE MESH HYPE?
Grace Chen¹, Carrie Stewart², Karyn Elber, Principle Investigator³
¹Dept. Urology, The Ohio State University College of Medicine, ²Dept. Urology, Cedars-Sinai Medical Center, ³Dept. Urology, Cedars-Sinai Medical center
Presented By: Grace Chen

9:45 a.m. - 10:00 a.m.  State of the Art: Opioid Use in FPMRS - Where Are We at in 2019?
Speaker:  Nitya Abraham, MD

10:00 a.m. - 10:30 a.m.  Break - Visit with Exhibitors

10:30 a.m. - 10:45 a.m.  SUFU Foundation Grant Presentations
Moderator:  E. Ann Gormley, MD

10:30 a.m. - 10:35 a.m.  Quantitative Mapping of the Hypertonicity of the Pelvic Floor Muscles Using High-Density Surface EMG
Speaker:  Yingchun Zhang, PhD

10:35 a.m. - 10:40 a.m.  Onabotulinum Toxin Repeated Injections in Cervical Spinal Cord Injury
Speaker:  Paholo Barboglio, MD, MPH
10:40 a.m. - 10:45 a.m.  
**Randomized Controlled Trial of PTNS versus Sham Efficacy in Treatment of Bladder Pain Syndrome**  
Speaker: Dominique Malacarne, MD

10:45 a.m. - 11:25 a.m.  
**The Toughest Reconstruction Cases in FPMRS**  
Moderator: Jaspreet S. Sandhu, MD  
Speakers: David A. Ginsberg, MD  
Gary E. Lemack, MD  
Babak Mehrara, MD  
Jeremy B. Myers, MD, FACS

11:25 a.m. - 11:35 a.m.  
**Update From the SUFU Research Network (SuRN)**  
Speaker: W. Stuart Reynolds, MD, MPH, FACS

11:35 a.m. - 11:50 a.m.  
**What's Keeping You Up at Night? An Update on Nocturia**  
Speaker: Jeffrey P. Weiss, MD

11:50 a.m. - 1:00 p.m.  
**Industry Sponsored Lunch Symposium**  
*Location: Chopin Ballroom, Level 2, Mezzanine*

1:00 p.m. - 1:30 p.m.  
**Physician Burnout - What To Do About It**  
Moderator: Toby C. Chai, MD

- **Mayo Method**  
  Speaker: Deborah J. Lightner, MD

- **Practice Integration**  
  Speaker: Kathleen C. Kobashi, MD, FACS

1:30 p.m. - 1:50 p.m.  
**Point-Counterpoint - The Destroyed Female Urethra**  
Moderator: Eric S. Rovner, MD

- **Reconstruct It**  
  Speaker: Angelo E. Gousse, MD

- **Divert It**  
  Speaker: Jeremy L. Ockrim, MD BSc (Hons) FRCS

1:50 p.m. - 2:15 p.m.  
**Expert Surgical Theater: Detailed Surgical Discussion of Surgical Technique - Vaginal Apical Suspensions**  
Moderator: Richard Lee, MD, MBA

- **Sacrospinous Fixation**  
  Speaker: Larry T. Sirls, II, MD

- **Uterosacral Suspension**  
  Speaker: Sandip P. Vasavada, MD

- **Discussion/Questions**  
  Speaker: Alvaro Lucioni, MD

2:15 p.m. - 2:30 p.m.  
**ICS Lecture: Intrinsic Sphincter Deficiency: Lessons Learned**  
Speaker: David M. Castro-Diaz, MD

2:30 p.m. - 3:00 p.m.  
**Break - Visit with Exhibitors**

3:00 p.m. - 5:00 p.m.  
**The Journal of Neuurology and Urodynamics: Peer Review Course - Learn How to Effectively Review Manuscripts**  
*Location: Chopin Ballroom, Level 2, Mezzanine*  
Speakers: David A. Ginsberg, MD  
Stephen R. Kraus, MD, FACS  
Eric S. Rovner, MD

*Not CME Accredited/Pre-Registration Required*
3:00 p.m. - 3:10 p.m.  Zimskind Lecture  
Moderator: Alan J. Wein, MD, PhD (hon), FACS

Finding Inspiration  
Recipient: W. Stuart Reynolds, MD, MPH, FACS

3:10 p.m. - 3:40 p.m. Individualized Therapies for BPH - Case Based Panel Discussion  
Moderator: Craig V. Comiter, MD

Water Based Therapies  
Speaker: Matthew P. Rutman, MD

UroLift  
Speaker: Arthur P. Mourtzinos, MD, MBA

HoLEP  
Speaker: Akhil K. Das, MD

3:40 p.m. - 3:50 p.m. Registries in FPMRS: Should We Sign Up All of Our Patients?  
Speaker: Geoffrey W. Cundiff, MD, AUGS President

3:50 p.m. - 4:00 p.m. SUFU Foundation Grant Presentations  
Moderator: E. Ann Gormley, MD

3:50 p.m. - 3:55 p.m. A Randomized Trial of Transcutaneous Nerve Stimulation for Neurogenic Bladder Patients  
Speaker: Blayne Welk, MD MSc

3:55 p.m. - 4:00 p.m. Electrophysiologic Mapping of the Urinary Bladder  
Speaker: Robert Kelley, DO, MBA

4:00 p.m. - 5:00 p.m. CONCURRENT POSTER/PODIUM SESSION

4:00 p.m. - 5:00 p.m.  Neuromodulation/OAB Moderated Podium Session  
Moderators: Raul Ordorica, MD 
Ajay K. Singla, MD

4:00 p.m.  #27  WITHDRAWN

4:10 p.m.  #28  AUTOMATED CLOSED-LOOP STIMULATION TO INHIBIT NEUROGENIC BLADDER OVERACTIVITY  
SJA Majerus¹, CT Nguyen², SW Brose³, GA Nemunaitis⁴, MS Damaser⁵, DJ Bourbeau⁶  
¹Advanced Platform Technology Center, Louis Stokes Cleveland VA Medical Center, Cleveland, OH, USA  
²Dept. of Biomedical Engineering, Lerner Research Institute and Dept. of Biomedical Engineering, Lerner Research Institute, Cleveland Clinic  
³Division of Urology, MetroHealth Medical Center  
⁴Cleveland FES Center, Syracuse VA Medical Center, Syracuse, NY, Physical Medicine and Rehabilitation, SUNY Upstate Medical University  
⁵Cleveland FES Center, Physical Medicine and Rehabilitation, MetroHealth Medical Center  
⁶Advanced Platform Technology Center, Louis Stokes Cleveland VA Medical Center and Dept. of Biomedical Engineering, Lerner Research Institute, Cleveland Clinic  
Presented By: Dennis Bourbeau, PhD*  
*2016 Neuromodulation Grant Recipient

4:20 p.m.  #29  DO AMPLITUDES IN STAGE I SACRAL NERVE STIMULATION AFFECT STAGE II IMPLANTATION AND REVISION RATES IN OVERACTIVE BLADDER? A FOLLOW-UP STUDY  
Emily Zhang, BS, Howard Goldman, MD, Sandip Vasavada, MD, Courtenay Moore, MD, Raymond Rackley, MD, Bradley Gill, MD, MS  
Cleveland Clinic, Cleveland, OH  
Presented By: Emily Zhang, BS
4:30 p.m. #30 THREE-YEAR FOLLOWUP RESULTS OF A PROSPECTIVE, MULTICENTER STUDY WITH A WIRELESS IMPLANTABLE TIBIAL NERVE STIMULATOR (RENOVA ISTIM SYSTEM) IN PATIENTS WITH OVERACTIVE BLADDER
Philip van Kerrebroeck1, Giuseppe A. Digesu2, Sohier Elneil3, John P.F.A. Heesakkers4
1Maastricht University Medical Center, Maastricht, The Netherlands, 2St. Mary’s Hospital, London, UK, 3Department of Uro-Neurology, National Hospital of Neurology and Neurosurgery, London, UK, 4Department of Urology 610, Radboud University Medical Center, Nijmegen, The Netherlands
Presented By: Philip van Kerrebroeck, MD, PhD

4:40 p.m. #31 IMPROVING PATIENT EXPERIENCE WITH SACRAL NEUROMODULATION: A HUMAN FACTORS APPROACH
Tara Cohen, PhD1, Claire S. Burton, MD2, Sarah Francis, MA1, Deven Patel, MD1, Nabil Othman, MD1, Patrick Lam, MD1, A. Lenore Ackerman, MD, PhD1, Karyn Elber, MD1, Jennifer T. Anger, MD, MPH1
1Cedars Sinai Medical Center, 2University of California Los Angeles
Presented By: Claire S. Burton, MD

4:50 p.m. #32 PUDENDAL NEUROMODULATION FOR PELVIC PAIN: OPTIMIZING PATIENT SELECTION
Iryna Crescenze, Giulia Lane, MD, Priyanka Gupta
University of Michigan
Presented By: Iryna Crescenze, MD

4:00 p.m. - 5:00 p.m. IC/Pelvic Pain/Geriatrics/BPH Moderated Poster Session
Location: Biscayne Ballroom, Level 2, Mezzanine
Moderators: Rizwan Hamid, FRCS(Urol), MD(Res)
Elizabeth B. Takacs, MD

Poster #M29 GENE EXPRESSION PROFILES IN URINARY BLADDER MUSCOSA ARE HIGHLY CORRELATED WITH ANESTHETIZED BLADDER CAPACITY IN IC/BPS PATIENTS
Stephen Walker1, Gopal Badlani2, Joao Zambon2, Whitney R. Smith, MD2, Andre Plair2, Jeffrey Schachar2, Catherine Matthews2, Robert Evans2
1Wake Forest Institute for Regenerative Medicine, Department of Urology, 2Wake Forest Baptist Medical Center, Department of Urology
Presented By: Whitney R. Smith, MD

Poster #M30 PCR BASED URINARY TRACT INFECTION (UTI) ANALYSIS COMPARED TO TRADITIONAL URINE CULTURE IN IDENTIFYING SIGNIFICANT UROPATHOGENS IN SYMPTOMATIC PATIENTS
Larry T. Sirls II, MD1, Mohammad Jafri1, Frank Burks1, Howard Korman1, David Banouch2, Erik Avaniss-Aghajani1, Michael Opel1, Natalie Luke2, Colleen Kelly2, Kirk J. Wojno2
1Beaumont Health, 2Pathnostics, 3Primex Clinical Laboratories, 4Comprehensive Urology
Presented By: Larry T. Sirls II, MD

Poster #M31 THE OUTCOMES OF MALE PATIENTS WITH ACUTE URINARY RETENTION AND POST-OBSTRUCTIVE DIURESIS
Asaf Fishelevitz, Ilan Leibovitch, Michael Vainrib
Meir Medical Center
Presented By: Asaf Fishelevitz, MD

Poster #M32 IS THERE A ROLE FOR SURGICAL TREATMENT IN PATIENTS WITH PARKINSON’S DISEASE AND BENIGN PROSTATIC OBSTRUCTION?
Benoit Peyronnet, MD1, Gregory Vurture1, Victor Vanalderwerelt1, Francois Tarief1, Romain Mathieu, MD2, Benjamin Pradere, MD3, Sebastien Vincendeau, MD4, Franck Bruyere, MD3, Jose-Alberto Palma-Cardozo, MD2, Horacio Kaufmann, MD2, Andrew Feigin, MD1, Steven Frucht, MD2, Victor Nitti, MD3, Benjamin Brucker, MD5
1University of Rennes, 2New York University, 3University of Tours, 4University of Rennes, 5New York University
Presented By: Benoit Peyronnet, MD
Poster #M33
FALLS OR FRACTURES AND ANTIChOLINERGIC BURDEN ARE ASSOCIATED WITH HIGHER ANNUAL ALL-CAUSE HEALTHCARE COSTS AMONG THOSE WITH OVERACTIVE BLADDER
Basia Rogula, MSc1, Greta Lozano-Ortega, MSc1, Katherine Gooch, PhD, MAppEpi2, Carol Schermer, MD, MPH3, David Walker, PhD3, Shelagh Szabo, MSc1, Alison Deighton, BASc1, Noll Campbell, PharmD, MS3
1Broadstreet Health Economics Outcomes Research, Vancouver, BC, 2Astellas Pharma Global Development, Inc., Northbrook, IL, 3Purdue University College of Pharmacy, West Lafayette, IN
Presented By: Basia Rogula, MSc

Poster #NM110
BACTERIAL BIOFILMS FORM AND PROGRESS ON INDWELLING URINARY CATHETERS IN PATIENTS OVER TIME
Glenn T. Werneburg, MD, PhD1, 2, Anh Nguyen1, 2, Nadine S. Henderson1, Amanda L. Le Sueur, PhD3, Anthony T. Corcoran, MD1, Aaron E. Katz, MD3, Jason Kim, MD1, Annie J. Rohan, PhD1, David G. Thanassi, PhD1
1Stony Brook University, 2Cleveland Clinic, 3NYU Winthrop Hospital
Presented By: Glenn T. Werneburg, MD, PhD

Poster #NM111
URINARY TRACT INFECTIONS: LISTENING TO THE PATIENTS. EMPLOYING LARGE-SCALE SOCIAL MEDIA ANALYTICS TO UNDERSTAND PUBLIC KNOWLEDGE AND EXPERIENCE
Yuliya Zektser1,2,3, Gabriela Gonzalez1,4, Carine Khalil, PhD2,3, Kristina Vaculik2,3, Corey Arnold, PhD5, Christopher V. Almaro, MD, MSHPM2,3,5, Brennan M.R. Spiegel, MD, MSHS2,3,5, Jennifer T. Anger, MD, MPH6
1David Geffen School of Medicine, University of California, Los Angeles, CA, 2Division of Health Services Research, Cedars-Sinai Medical Center, Los Angeles, CA, 3Cedars-Sinai Center for Outcomes Research and Education, Los Angeles, CA, 4Department of Surgery, Division of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, 5Medical Imaging Informatics, Department of Radiology, UCLA, Los Angeles, CA, 6Division of Informatics, Cedars-Sinai Medical Center, Los Angeles, CA
Presented By: Gabriela Gonzalez, BS

Poster #NM112
PREDICTORS OF FEMALE SEXUAL DYSFUNCTION IN INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME, OTHER CHRONIC PAIN CONDITIONS AND HEALTHY CONTROLS IN THE MAPP RESEARCH NETWORK
Renee Rolston1,2, Alisa Stephens-Shields1, Quentin Clemens2, John Krieger2, Craig Newcomb3, Jennifer Anger2, Catherine Bradley2, Bradley Erickson2, Karl Kreder1, Henry La1, Larissa Rodriguez2
1The University of Southern California, 2Jamaica Hospital Medical Center, 3University of Biostatistics Epidemiology, University of Pennsylvania, 4University of Michigan, 5University of Washington, 6Cedars-Sinai Medical Center, 7University of Iowa, 8Washington University School of Medicine
Presented By: Renee Rolston, MD

Poster #NM113
WITHDRAWN

Poster #NM114
PATTERNS AND PREDICTORS OF RECURRENCE OF HUNNER LESIONS IN PATIENTS WITH HUNNER TYPE INTERSTITIAL CYSTITIS
Ji-Yeon Han1, Jung Hyun Shin2, Sung Tae Cho1, Myung-Soo Choo3
1Pusan National University Yangsan Hospital, 2Asan Medical Center, 3Hallym University School of Medicine
Presented By: Ji-Yeon Han, MD, PhD
<table>
<thead>
<tr>
<th>Poster #NM115</th>
<th>COST OF RECURRENT URINARY TRACT INFECTION MANAGEMENT IN THE OUTPATIENT SETTING: A TIME-DRIVEN ACTIVITIES-BASED COSTING MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Patrick M. Lec¹, Alan L. Kaplan¹, Victoria C.S. Scott¹, Melissa Markowitz², Lauren W. Thurm³, David A. Haake¹, Christopher S. Saigal¹, Ja-Hong Kim¹</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, ²Urology Specialists, Sioux Falls, SD</td>
</tr>
<tr>
<td></td>
<td>Presented By: Melissa Markowitz, BA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM116</th>
<th>REDUCING OVER-PRESCRIBING OF ANTIBIOTICS FOR SUSPECTED URINARY TRACT INFECTIONS IN A HEALTH SCIENCES CAMPUS STUDENT HEALTH SERVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Elisabeth M. Sebesta, MD¹, Anika March, FNP², Christopher Sayegh, MD¹, Gen Li, PhD², Michelle Love, MD², Gina M. Badalato, MD³, Marcy Ferdschneider, DO³, Kimberly L. Cooper, MD³</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, Columbia University Irving Medical Center, New York, NY, ²Student Health Service, Columbia University Irving Medical Center, New York, NY, ³Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY</td>
</tr>
<tr>
<td></td>
<td>Presented By: Elisabeth M. Sebesta, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM117</th>
<th>IDENTIFICATION OF INTERSTITIAL CYSTITIS AND CHRONIC PROSTATITIS PATIENT SUBTYPES USING K-MEANS CLUSTER ANALYSIS OF THEIR UROLOGIC AND NON-UROLOGIC PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>James Thu, MD, Frederick Moh, Joel Vetter, Henry Lai</td>
</tr>
<tr>
<td></td>
<td>Washington University in St. Louis, Division of Urologic Surgery</td>
</tr>
<tr>
<td></td>
<td>Presented By: James Thu, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM118</th>
<th>VULVODYNIA IS A RISK FACTOR FOR WORSENING PAIN AND GENERALIZED NON-PELVIC PAIN IN FEMALE PATIENTS WITH IC/BPS IN THE MAPP RESEARCH NETWORK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Christine Horton¹, Robert Gallo², Henry Lai³, James Quentin Clemens⁴, Larissa Rodriguez⁵</td>
</tr>
<tr>
<td></td>
<td>¹Keck School of Medicine of USC, ²Westchester University, ³Washington School of Medicine in St. Louis, ⁴Michigan Medicine at University of Michigan</td>
</tr>
<tr>
<td></td>
<td>Presented By: Christine Horton, MD, MSCR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM119</th>
<th>INCIDENCE AND TREATMENT OUTCOME OF ATYPICAL URETHRITIS IN FEMALES WITH LOWER URINARY TRACT SYMPTOMS OR PELVIC PAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jessica J. Rueb, Laura L. Giusto, Patricia M. Zahner, Samir Derisavifard, Courtenay K. Moore, Sandip P. Vasavada, Raymond R. Rackley, Michele Fascelli</td>
</tr>
<tr>
<td></td>
<td>Cleveland Clinic Foundation</td>
</tr>
<tr>
<td></td>
<td>Presented By: Michele Fascelli, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM120</th>
<th>THE CLINICAL RATE OF ANTIBIOTIC CHANGE FOLLOWING EMPIRIC TREATMENT FOR SUSPECTED URINARY TRACT INFECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jonathan Dokter, BS¹, Laura Nguyen, MD², Lauren Tennyson, MD², Esther Han, D.O.³, Larry T. Sirls II, MD¹³</td>
</tr>
<tr>
<td></td>
<td>¹Oakland University William Beaumont School of Medicine, Rochester, MI, United States, ²Department of Urology, McMaster University, Hamilton, ON, Canada, ³Female Pelvic Medicine and Reconstructive Surgery, Beaumont Health System, Royal Oak, MI, United States</td>
</tr>
<tr>
<td></td>
<td>Presented By: Jonathan Dokter, BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM121</th>
<th>PREDICTORS OF BLADDER CAPACITY IN INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stephen Walker¹, Gopal Badiani², Joao Zambon², Whitney R. Smith, MD², Jeffery Schachar², Andre Piair³, Catherine Matthews², Robert Evans²</td>
</tr>
<tr>
<td></td>
<td>¹Wake Forest Institute for Regenerative Medicine, Department of Urology, ²Wake Forest Baptist Medical Center, Department of Urology</td>
</tr>
<tr>
<td></td>
<td>Presented By: Whitney R. Smith, MD</td>
</tr>
<tr>
<td>Poster #NM122</td>
<td>URINE PH VARIABILITY OVER TIME IN WOMEN WITH RECURRENT URINARY TRACT INFECTIONS</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Jacqueline Chavez¹, Alana Christie, MS², Feras Alhalabi, MD¹, Philippe Zimmern, MD¹</td>
<td></td>
</tr>
<tr>
<td>¹Department of Urology, UT Southwestern Medical Center, ²Simmons Comprehensive Cancer Center, UT Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>Presented By: Jacqueline Chavez</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM123</th>
<th>SMALL FIBER POLYNEUROPATHY IN HUNNER LESION AND NON-HUNNER LESION BLADDER PAIN SYNDROME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esther Han, DO¹, Lauren Tennyson, MD¹, Jason Gilleran, MD¹,², Jamie Bartley, DO¹,², Kenneth Peters, MD¹,²</td>
<td></td>
</tr>
<tr>
<td>¹Beaumont Health, ²Oakland University William Beaumont School of Medicine</td>
<td></td>
</tr>
<tr>
<td>Presented By: Esther Han, DO</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM124</th>
<th>INTUBATED FLOW IN MEN MUST BE COMPARED TO FREE FLOW TO AVOID OVERESTIMATING THE DIAGNOSIS OF BLADDER OUTLET OBSTRUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Françoise A. Valentini, MD, PhD¹, Peter Rosier, MD, PhD², Philippe Zimmern, MD³, Pierre Nelson, PhD⁴</td>
<td></td>
</tr>
<tr>
<td>¹Hopital Rothschild, Paris, France, ²University Medical Center Utrecht, Utrecht, The Nederlands, ³UT Southwestern, Dallas, TX, ⁴Hôpital Rothschild, Paris, France</td>
<td></td>
</tr>
<tr>
<td>Presented By: Françoise A. Valentini, MD, PhD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM125</th>
<th>PROSTATIC URETHRAL LIFT BASELINE PREDICTORS OF RESPONSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>David O. Sussman, MD¹, Steven A. Kaplan, MD², Claus G. Roehrborn, MD²</td>
<td></td>
</tr>
<tr>
<td>¹New Jersey Urology, ²Weill Cornell Medical Center, University of Texas Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>Presented By: David O. Sussman, DO</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM126</th>
<th>PREDICTIVE FACTORS OF URINARY INCONTINENCE AFTER GREENLIGHT® LASER ENUCLEATION OF THE PROSTATE (GreenLEP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benoit Peyronnet, MD</td>
<td></td>
</tr>
<tr>
<td>University of Rennes</td>
<td></td>
</tr>
<tr>
<td>Presented By: Benoit Peyronnet, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM127</th>
<th>COMPARISON OF ALPHA-BLOCKER PRESCRIBING HABITS BETWEEN UROLOGISTS AND PRIMARY CARE PHYSICIANS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kevin J. Chua, BS¹, Gen Li, PhD², Matthew Rutman, MD³, Elias Hyams, MD³</td>
<td></td>
</tr>
<tr>
<td>¹SUNY Downstate Medical Center, Department of Urology, Brooklyn, NY, ²Columbia University, Department of Biostatistics, New York, NY, ³Columbia University Medical Center, Department of Urology, New York, NY</td>
<td></td>
</tr>
<tr>
<td>Presented By: Kevin J. Chua, BS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM128</th>
<th>IMPACT OF DAY OF THE WEEK ON OUTCOMES OF BENIGN PROSTATIC HYPERPLASIA SURGICAL INTERVENTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navin Sabharwal¹, Khaled Fareed², James Utchaker², Bradley Gill¹,²</td>
<td></td>
</tr>
<tr>
<td>¹Lerner College of Medicine, Cleveland Clinic Education Institute, Cleveland, OH, USA, ²Department of Urology, Cleveland Clinic Glickman Urological and Kidney Institute, Cleveland, OH, USA</td>
<td></td>
</tr>
<tr>
<td>Presented By: Navin Sabharwal, BA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM129</th>
<th>PROSTATE REDUCING SURGERY AFTER UROLIFT: TECHNICAL RISKS OF HOLMIUM LASER ENUCLEATION OF THE PROSTATE (HoLEP) VERSUS TRANSURETHRAL RESECTION OF THE PROSTATE (TURP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomy Perez, MD, Ali Syed, MD, James Steward, MD, Jenny Guo, Seth Teplitksy, Akhil Das, MD</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania</td>
<td></td>
</tr>
<tr>
<td>Presented By: Seth Teplitksy, BS</td>
<td></td>
</tr>
</tbody>
</table>
Poster #NM130  PROSPECTIVE ASSESSMENT OF THE SEXUAL FUNCTION AFTER GREENLIGHT™ ENDOSCOPIC ENUCLEATION AND GREENLIGHT™-180W XPS PHOTOSELECTIVE VAPORIZATION OF THE PROSTATE
Benoit Peyronnet, MD, Romain Huet, MD, Zine-Eddine Khene, MD, Gregory Verhoest, MD, Andrea Manunta, MD, Karim Ben Salah, MD PhD, Sébastien Vincendeau, MD, Romain Mathieu, MD
University of Rennes
Presented By: Benoit Peyronnet, MD

Poster #NM131  CAN WE AVOID TIME CONSUMING FREQUENCY-VOLUME CHART TO DIAGNOSE UNDERLYING PATHOPHYSIOLOGICAL MECHANISMS OF NOCTURIA IN SOME PATIENT POPULATIONS?
Benoit Peyronnet, MD, Siri Drangsholt, MD, Maria Arcila-Ruiz, MD, Rachael Sussman, MD, Ricardo Palmerola, MD, Dominique Pape, MD, Nirit Rosenblum, MD, Victor Nitti, MD, Benjamin Brucker, MD
New York University
Presented By: Benoit Peyronnet, MD

Poster #NM132  THE CLINIQUE PASTEUR SCORE FOR SCREENING OF SEVERE OBSTRUCTIVE APNEA SYNDROME IN PATIENTS PRESENTED WITH NOCTURNAL POLYURIA
Vincent Misrai, MD1, Benoit Peyronnet, MD2, Benjamin Pradere, MD2, Jean-Louis Pepin, MD PhD3, Atul Pathak, MD PhD3, David Attias, MD4
1Clinique Pasteur, Toulouse, France, 2University of Rennes, 3University of Grenoble, 4Clinique Pasteur, Toulouse, France
Presented By: Benoit Peyronnet, MD

Poster #NM133  ACUTE CARE EVENTS WITHOUT LONG-TERM IMPACT ON URINARY INCONTINENCE IN A GERIATRIC POPULATION
Siobhan M. Hartigan, MD1, Avantika Shah, MPH2, Emily Hollingsworth, MSW2, Casey Kowalik, MD3, Sophia Goodridge, MD4, Edward Vasilevskis, MD, MPH4, Sandra Simmons, PhD2, Melissa Kaufman, MD, PhD3, Roger Dmochowski, MD, MMHC1, W. Stuart Reynolds, MD, MPH1
1Vanderbilt University Medical Center, Department of Urology, Nashville, TN, 2Vanderbilt University Medical Center, Center for Quality Aging, Nashville, TN, 3University of Kansas Health System, Department of Urology, Kansas City, KS
Presented By: Siobhan M. Hartigan, MD

Poster #NM134  SAFETY AND EFFICACY OF CHRONIC SUPPRESSIVE THERAPY WITH NITROFURANTOIN IN OLDER WOMEN WITH RECURRENT URINARY TRACT INFECTIONS
Navin Maredia, BS1, Bonnie C. Prokesch, MD2, Michael Fanning, PA-C2, Alana Christie, MS3, Philippe Zimmerm, MD1
1University of Texas Southwestern Medical Center, Dallas, TX, 2University of Texas Southwestern Medical Center, Department of Internal Medicine, Dallas, TX, 3University of Texas Southwestern Medical Center, Department of Urology, Dallas, TX
Presented By: Navin Maredia, BS

Poster #NM135  COMPARISON OF CLINICAL MEASURES OF FRAILTY IN OLDER PATIENTS UNDERGOING FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY (FPMRS) PROCEDURES
Katherine Amin, Dept. of Urology1, Dena Moskowitz, Dept. of Urology1, Wai Lee, Dept. of Urology1, Alvaro Lucioni, Dept. of Urology1, Kathleen C. Kobashi, Dept. of Urology1, May J. Reed, Dept. of Geriatric Med.2, Una J. Lee, Dept. of Urology1
1Virginia Mason Medical Center, 2University of Washington
Presented By: Katherine Amin, MD

Poster #NM136  OCTOGENARIAN PATIENTS ARE POORLY COMPLIANT WITH MAINTENANCE PERCUTANEOUS TibIAL NERVE STIMULATION
Chris Du, BA1, Alexandra Siegal, BA1, William T. Berg, MD2, Zhenyue Huang, BA1, Colin Dabrowski, BS1, Steven Weissbart, MD2, Jason Kim, MD2
1Stony Brook School of Medicine, 2Stony Brook Hospital, Department of Urology
Presented By: William T. Berg, MD
### Poster #NM137

**PROSPECTIVE EVALUATION OF DAILY AND WEEKLY URINE PH VARIATIONS IN POSTMENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS**  
Jacqueline Chavez¹, Alana Christie, MS², Philippe Zimmern, MD³  
¹Department of Urology, UT Southwestern Medical Center, ²Simmons Comprehensive Cancer Center, UT Southwestern Medical Center  
Presented By: Jacqueline Chavez

### Poster #NM138

**CORRELATES OF 1-YEAR CHANGE IN QUALITY OF LIFE IN PATIENTS WITH UROLOGICAL CHRONIC PELVIC PAIN SYNDROMES**  
J. Quentin Clemens¹, Alisa Stephens-Shields², Craig Newcomb², Larissa Rodriguez³, H. Henry Lai⁴, Catherine Bradley⁵, Bruce Naliboff⁶, James Griffith⁷, Bayley Taple⁸, Priyanka Gupta¹, Niloo Afari⁹, Steven Harte¹, Eric Strachan¹, J. Richard Landis¹  
¹University of Michigan, ²University of Pennsylvania, ³University of Southern California, ⁴Washington University, ⁵University of Iowa, ⁶University of California, Los Angeles, ⁷Northwestern University, ⁸University of California, San Diego, ⁹University of Washington  
Presented By: J. Quentin Clemens, MD

### Poster #NM139

**EVALUATION OF RECURRENT UTI-LIKE SYMPTOMS SHOULD PROMPT CONSIDERATION FOR ALTERNATIVE ETIOLOGIES**  
Ashley Caron, BS¹, Victoria Scott, MD², Karyn Eilber, MD¹, Jennifer Anger, MD¹, A. Lenore Ackerman, MD, PhD¹  
¹Department of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, ²David Geffen School of Medicine at UCLA, Los Angeles, CA  
Presented By: Ashley Caron, BS

### Poster #NM140

**WHAT CAN WE LEARN FROM WOMEN’S ONLINE DISCUSSIONS OF INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME?**  
Gabriela Gonzalez¹, Yuliya Zektser¹,²,³, Kristina Vaculik²,³, Carine Khalil, PhD²,³, Corey Arnold, PhD⁵, Christopher V. Almario, MD, MSHPM²,³,⁴,⁵, Brennan M.R. Spiegel, MD, MSHS²,³,⁴,⁵, Jennifer T. Anger, MD, MPH²  
¹David Geffen School of Medicine, University of California, Los Angeles, CA, ²Department of Surgery, Division of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, ³Division of Health Services Research, Cedars-Sinai Medical Center, Los Angeles, CA, ⁴Cedars-Sinai Center for Outcomes Research and Education, Los Angeles, CA, ⁵Medical Imaging Informatics, Department of Radiology, UCLA, Los Angeles, CA  
Presented By: Gabriela Gonzalez, BS

### Poster #NM141

**OUTCOMES OF DIODE LASER ENUCLEATION OF THE PROSTATE FOR BENIGN PROSTATIC HYPERPLASIA**  
Seth Teplitsky, BS, Alex Uhr, MD, Joon Yau Leong, May Jean Counsilman, MD, Patrick Shenot, MD, Akhil Das, MD  
Department of Urology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania  
Presented By: Seth Teplitsky, BS

### Poster #NM142

**RELIEF OF LOWER URINARY TRACT SYMPTOMS AFTER MRI-GUIDED TRANURETHRAL ULTRASOUND ABLATION (TULSA): SUBGROUP ANALYSES IN PATIENTS WITH SYMPTOMS OF BENIGN PROSTATIC HYPERPLASIA**  
Dean Elterman, MD¹, Gencay Hatiboglu, MD², Khalil Hetou, MD³, James Relle, MD⁴, Robert Staruch, PhD⁵, Mathieu Burtnyk, PhD⁵, Joseph Chin, MD³  
¹University Health Network, University of Toronto, Toronto, Canada, ²University Hospital Heidelberg, Heidelberg, Germany, ³Western University, London Health Sciences Centre, London, Canada, ⁴Beaumont Health System, Royal Oak, Michigan, USA, ⁵Profound Medical, Mississauga, Canada  
Presented By: Dean Elterman, MD, MSc, FRCSC
<table>
<thead>
<tr>
<th>Poster #NM143</th>
<th>SERUM PROSTATE SPECIFIC ANTIGEN LEVELS AFTER GREEN LASER ENUCLEATION OF THE PROSTATE (GREENLEP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benoit Peyronnet, MD¹, Enrique Rijo, MD², Vincent Misrai, MD³, Shahin Tabatabaei, MD⁴, Giovanni Ferrari, MD⁵, Fernando Gomez-Sancho, MD⁶</td>
<td></td>
</tr>
<tr>
<td>¹University of Rennes, ²Barcelona Private Hospital, ³Clinique Pasteur Toulouse, ⁴Massachusetts General Hospital, ⁵Modena Hospital, ⁶Clinica Centro Madrid</td>
<td></td>
</tr>
<tr>
<td>Presented By: Benoit Peyronnet, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM144</th>
<th>FACTORS CONTRIBUTING TO HOLMIUM LASER ENUCLEATION OF THE PROSTATE (HoLEP) INCOMPLETION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seth Teplitsky, Jenny Guo, Mihir Shah, MD, Ali Syed, MD, Tomy Perez, MD, May Jean Counsilman, MD, Patrick Shenot, MD, Akhil Das, MD</td>
<td></td>
</tr>
<tr>
<td>Department of Urology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania</td>
<td></td>
</tr>
<tr>
<td>Presented By: Mihir Shah, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM145</th>
<th>VESICULAR CYSTITIS: A RARE FORM OF CHRONIC CYSTITIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph J. Crivelli¹, Jason Mull², Philippe Zimmern¹</td>
<td></td>
</tr>
<tr>
<td>¹Dept. Of Urology, University of Texas Southwestern Medical Center, ²Dept. of Pathology, University of Texas Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>Presented By: Joseph J. Crivelli, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM146</th>
<th>IMPACT OF URINE PH ON ANTIBIOTIC RESPONSE IN WOMEN WITH UROPATHOGENIC ESCHERICHIA COLI RECURRENT URINARY TRACT INFECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jacqueline Chavez², Alana Christie, MS², Feras Alhalabi, MD¹, Philippe Zimmern, MD¹</td>
<td></td>
</tr>
<tr>
<td>¹Department of Urology, UT Southwestern Medical Center, ²Simmons Comprehensive Cancer Center, UT Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>Presented By: Jacqueline Chavez</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM147</th>
<th>FEAR, DESPARATION AND FRUSTRATION: WOMEN’S PERSPECTIVES REGARDING RECURRENT URINARY TRACT INFECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Victoria C.S. Scott¹, Lauren W. Thum², Melissa Markowitz², Taylor Sadun¹, David A. Haake¹, Sally L. Maliski², Jennifer T. Anger¹, Ja-Hong Kim¹</td>
<td></td>
</tr>
<tr>
<td>¹Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, ²Urology Specialists, Sioux Falls, SD, ³School of Nursing, University of Kansas Medical Center, Kansas City, KS, ⁴Department of Urology, Cedars Sinai Medical Center, Beverly Hills, CA</td>
<td></td>
</tr>
<tr>
<td>Presented By: Victoria C.S. Scott, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM148</th>
<th>EVIDENCE LINKING COMESTIBLES TO INTERSTITIAL CYSTITIS AND BLADDER PAIN SYNDROME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrie A. Stewart, Seija Maniskas, A. Lenore Ackerman, Karyn Eliber, Stephen Freedland, Jennifer Anger</td>
<td></td>
</tr>
<tr>
<td>Cedars-Sinai Medical Center</td>
<td></td>
</tr>
<tr>
<td>Presented By: Carrie A. Stewart, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM149</th>
<th>A COMPARISON OF PRE- AND POST-OPERATIVE BLADDER/BOWEL SYMPTOMS AMONG PATIENTS UNDERGOING COMPLETE SURGICAL ENDOMETRIOSIS RESECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachael Mazzamurro-Romer¹, Chung Hwa Yi, MD¹, Veronica Triaca, MD²</td>
<td></td>
</tr>
<tr>
<td>¹Geisel School of Medicine at Dartmouth, ²Concord Hospital, Pelvic Medicine Program</td>
<td></td>
</tr>
<tr>
<td>Presented By: Annah Vollstedt, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM150</th>
<th>PAIN CONTROL FOR INTERSTITIAL CYSTITIS PATIENTS UNDERGOING PELVIC RECONSTRUCTIVE SURGERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tess Crouss, MD¹, Briana Mancenido, Student¹, Xibei Jia, MD¹, Neha Rana, MD¹, Caitlin Lim, DO², Kristene Whitmore, MD³</td>
<td></td>
</tr>
<tr>
<td>¹Drexel University, ²Einstein Urology, ³Philadelphia Urosurgical Associates PC</td>
<td></td>
</tr>
<tr>
<td>Presented By: Tess Crouss, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM151</th>
<th>WITHDRAWN</th>
</tr>
</thead>
</table>
| Poster #NM152 | ASSESSING THE IMPACT OF UROLOGY RESIDENT INVOLVEMENT ON OVERALL PATIENT SATISFACTION | Ariel Moradzadeh, MD, Colby P. Souders, MD, Alein Chun, PhD, Patricia Hain, MSN, RN, Dulce Baranda, MSN, RN, Karyn Elither, MD  
Cedars-Sinai Medical Center, Los Angeles, CA  
Presented By: Colby P. Souders, MD |
| Poster #NM153 | A QUALITY INITIATIVE TO CONFIRM PENICILLIN ALLERGY, AND REDUCE OVERLABELING OF PENICILLIN ALLERGY, IN AN AGING FEMALE POPULATION | Svjetlana Lozo, Author, Daniel Wagner, Co-Author, Roger Goldberg, Co-Author, Nirav Shah, Co-Author  
Northshore University Health System  
Presented By: Svjetlana Lozo, MD, MPH |
| Poster #NM154 | URINARY TRACT INFECTIONS IN GERIATRIC AMBULATORY PATIENTS WITH INDWELLING CATHETERS | Lauren E. Tennyson, Laura Nguyen, Evan Sirls, Esther Han, Patrick Vecellio, Kim Killinger, Jamie Bartley, Jason Gillerman, Kenneth M Peters, Larry T Sirls  
1Department of Urology, Beaumont Health, Royal Oak, MI, 2Oakland University William Beaumont School of Medicine, Rochester, MI  
Presented By: Lauren E. Tennyson, MD |
| Poster #NM155 | THE POTENTIAL ROLE OF NO-PATHWAY-RELATED SUPPLEMENTS ON ERECTILE DYSFUNCTION: A SYSTEMIC REVIEW AND META-ANALYSIS | Hyeong Gon Kim, Aram Kim, Young-Jin Park, Ji-Yeon Han, Woo Suk Choi, Hyoung Keun Park, Sung Hyun Paick, Hyun-Woo Kim, Hong Yong Choi, Yong Tae Kim  
1Department of Urology, Konkuk University Medical Center, Konkuk University School of, 2Department of Urology, Pusan National University Yangsan Hospital, Korea, 3Department of Urology, Catholic University hospital, 4Hanyang university hospital  
Presented By: Hyun-Woo Kim, MD |
| Poster #NM156 | TOILETING BEHAVIORS AND LOWER URINARY TRACT SYMPTOMS AMONG FEMALE PHYSICIANS | Aaron Perlow, Cara Joyce, PhD, Elizabeth R. Mueller, MD, Colleen M. Fitzgerald, MD, MS  
1Loyola University of Chicago Strich School of Medicine, 2Loyola University of Chicago Strich School of Medicine Department of Public Health and Clinical research office Biostatistics Core Director, 3Loyola University Chicago SSOM, Dept of OB/GYN, division of FPMRS  
Presented By: Colleen M. Fitzgerald, MD |
| Poster #NM157 | NOVEL SYMPTOM QUESTIONNAIRE FOR THE DIFFERENTIAL DIAGNOSIS OF DETRUSOR UNDERACTIVITY AND BLADDER OUTLET OBSTRUCTION IN MEN | Aram Kim, Ji-Yeon Han, Young-Jin Park, Woo Suk Choi, Hyoung Keun Park, Sung Hyun Paick, Hong Yong Choi, Hyeong Gon Kim, Yong Tae Kim, Hyun Woo Kim  
1Department of Urology, Konkuk University Medical Center, Konkuk University School of, 2Department of Urology, Pusan National University Yangsan Hospital, Korea, 3Hanyang university hospital, 4Department of Urology, Catholic University hospital  
Presented By: Hyeong Gon Kim |
| Poster #NM158 | PROSTATE STONES FOLLOWING RADIATION FOR PROSTATE CANCER: THE GIFT THAT KEEPS ON GIVING | Jerry Blaivas, MD, Christine Liaw, MD, Michael Palese, MD, Eric Li, BA  
1Department of Urology at the Icahn School of Medicine at Mount Sinai, 2SUNY Downstate College of Medicine, 3Institute for Bladder and Prostate Research  
Presented By: Christine Liaw, MD |
| Poster #NM159 | OVERUSE OF BOTOX IN UROLOGIC SURGERY: A TREND OR AN EXCEPTION? | Bristol B. Whiles, MD, Joshua Caldwell, BS, Priya Padmanabhan, MD, MPH, FACS  
1University of Kansas Health System, Department of Urology, Kansas City, KS, 2Harvard Medical School, Boston, MA  
Presented By: Bristol B. Whiles, MD |
Poster #NM160  RE-EVALUATION OF BIRTH TRENDS AND PREGNANCY COMPLICATIONS AMONG FEMALE UROLOGISTS: HAVE WE MADE ANY PROGRESS?
Victoria Scott¹, Lori B. Lerner¹, Jennifer T. Anger², Michelle Van Kuiken¹, A. Lenore Ackerman²
¹Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, ²Division of Urology, Cedars Sinai Medical Center, Beverly Hills, CA
Presented By: Victoria Scott, MD

Poster #NM161  FACTORS AFFECTING PATIENT FOLLOW-UP AFTER FIRST TIME INTRAVESICAL INJECTION OF ONABOTULINUMTOXINA IN IDIOPATHIC OVERACTIVE BLADDER PATIENTS
Wai Lee¹, Chris Du², Ryan Donahue¹, Alvaro Lucioni¹, Kathleen C. Kobashi¹, Una J. Lee¹
¹Department of Urology, Virginia Mason, Seattle, WA, ²Department of Urology, Stony Brook Medicine, Stony Brook, NY
Presented By: Wai Lee, MD

Poster #NM162  ADD-ON TREATMENT WITH MIRABEGRON IN MEN WITH BENIGN PROSTATIC HYPERPLASIA COMPLAINING PERSISTENT STORAGE SYMPTOMS AFTER TAMSULOSIN MONOTHERAPY IMPROVES QUALITY OF LIFE
Su Jin Kim, PhD¹, Sung Tae Cho, PhD², Tae Wook Kang¹, Ki Don Chang¹, Jae Hung Jung, PhD¹, Hyunchul Chung, PhD², Khae Hawn Kim, PhD³
¹Department of Urology, Yonsei University Wonju College of Medicine, Wonju, Korea, ²Department of Urology, Hallym University Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Seoul, Korea, ³Department of Urology, Gachon University Gil Medical Center, Gachon University School of Medicine, Incheon, Korea
Presented By: Su Jin Kim, PhD

Poster #NM163  SPINAL CORD INJURY AND SOCIAL MEDIA: PREVALENCE OF LOWER URINARY TRACT CONVERSATIONS ACROSS MULTIPLE PLATFORMS
Kyle Latack, BA¹, Evgeniy Kreydin, MD²
¹Keck School of Medicine of USC, Los Angeles, CA, ²Keck School of Medicine of USC, Institute of Urology, Los Angeles, CA
Presented By: Kyle Latack, BA

Poster #NM164  CAN PATIENTS PREDICT THEIR VOIDED VOLUMES FOR BLADDER DIARIES?
Mitali Kini¹, Dominique Thomas¹, Nadir Zaidi², Debra D'Angelo³, Victoria Cooley¹, Paul Christos¹
¹Weill Cornell Medical College, ²Weill Cornell Medical College
Presented By: Mitali Kini, BS

Poster #NM165  DEVELOPMENT OF A FEMALE UROLOGY VOIDING DYSFUNCTION PHENOTYPE: OVERACTIVE BLADDER
Samir Derisavifard, Laura L. Giusto, Patricia M. Zahner, Jessica J. Rueb, Daniel A. Shoskes, Sarah C. Vij, Courtenay K. Moore
Cleveland Clinic Foundation
Presented By: Samir Derisavifard, MD
## SCIENTIFIC PROGRAM

### BREAKOUT SESSIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5:00 p.m. - 6:00 p.m.</strong></td>
<td><strong>1. Recurrent UTI in the Neurogenic Bladder</strong></td>
</tr>
<tr>
<td></td>
<td>This session will review the current and emerging strategies regarding diagnosis, treatment, and prevention of recurrent UTI in patients with neurogenic bladder dysfunction.</td>
</tr>
<tr>
<td></td>
<td>Director: Patrick J. Shenot, MD, FACS</td>
</tr>
<tr>
<td></td>
<td>Panelists: Christopher J. Chemansky, MD</td>
</tr>
<tr>
<td></td>
<td>Stephanie J. Kielb, MD</td>
</tr>
<tr>
<td></td>
<td>Sara M. Lenherr, MD, MS, FPMRS</td>
</tr>
<tr>
<td><strong>5:00 p.m. - 6:00 p.m.</strong></td>
<td><strong>2. Advanced Urodynamics</strong></td>
</tr>
<tr>
<td></td>
<td>Location: Brickell, Lobby Level</td>
</tr>
<tr>
<td></td>
<td>Our expert panelists will discuss urodynamics findings from clinical scenarios including patients with complex voiding dysfunction, neurogenic bladder, and refractory incontinence conditions. Participants will better understand some of the nuances in interpreting difficult urodynamics in advanced clinical practice.</td>
</tr>
<tr>
<td></td>
<td>Director: Gary E. Lemack, MD</td>
</tr>
<tr>
<td></td>
<td>Panelists: Christopher S. Elliott, MD, PhD</td>
</tr>
<tr>
<td></td>
<td>Angelo E. Gousse, MD</td>
</tr>
<tr>
<td></td>
<td>John T. Stoffel, MD</td>
</tr>
<tr>
<td><strong>5:00 p.m. - 6:00 p.m.</strong></td>
<td><strong>3. Complex Cases in FPMRS (Bring Your Toughest Cases to Our Panel)</strong></td>
</tr>
<tr>
<td></td>
<td>Location: Junior Ballroom, Lobby Level</td>
</tr>
<tr>
<td></td>
<td>In this interactive break-out session, panel members and audience members will discuss interesting/difficult clinical cases related to male and female voiding dysfunction. Please bring cases to present verbally to the group for input/discussion!</td>
</tr>
<tr>
<td></td>
<td>Director: J. Quentin Clemens, MD</td>
</tr>
<tr>
<td></td>
<td>Panelists: Humphrey O. Atiemo, MD</td>
</tr>
<tr>
<td></td>
<td>Elizabeth Timbrook Brown, MD, MPH</td>
</tr>
<tr>
<td></td>
<td>E. Ann Gormley, MD</td>
</tr>
<tr>
<td><strong>6:00 p.m. - 7:30 p.m.</strong></td>
<td><strong>Cocktail Hour - Awards Recognition in Exhibit Hall</strong></td>
</tr>
<tr>
<td></td>
<td>Location: Trianon, Level 2, Mezzanine</td>
</tr>
<tr>
<td><strong>7:30 p.m. - 9:30 p.m.</strong></td>
<td><strong>SUFU 50th Anniversary Celebration</strong></td>
</tr>
<tr>
<td></td>
<td>Location: Chopin Ballroom, Level 2, Mezzanine</td>
</tr>
</tbody>
</table>
SATURDAY, MARCH 02, 2019

**OVERVIEW**

6:30 a.m. - 12:00 p.m.  Speaker Ready Room Hours  
*Location: Alhambra, Level 2, Mezzanine*

6:30 a.m. - 12:00 p.m.  Registration/Information Desk Open  
*Location: Ballroom Foyer, Level 2, Mezzanine*

6:30 a.m. - 8:00 a.m.  Breakfast  
*Location: Ballroom Foyer, Level 2, Mezzanine*

**GENERAL SESSION**

7:00 a.m. - 8:00 a.m.  Video Session II  
*Moderators: Lysanne Campeau, MDCM, PhD, FRCSC, Lara MacLachlan, MD*

**Video #7**  
**VAGINAL EVISCERATION**  
Philippe Zimmern, MD,1 Farshid Araghizadeh, MD,2 Deborah Hess, MD,1 Rena Malik, MD1  
1Department of Urology, UT Southwestern Medical Center, 2Department of Colon Rectal, UT Southwestern Medical Center  
Presented By: Philippe E. Zimmern, MD, FACS, FPMRS

**Video #8**  
**ROBOTIC ASSISTED LAPAROSCOPIC BLADDER NECK RECONSTRUCTION: COMPLETE AVULSION FROM TRAUMA**  
Sunil Patel, MD, Fed Ghali, MD, Unwanaobong Nseyo, MD, Jill Buckley, MD, Stephen Unterberg, MD  
UCSD  
Presented By: Stephen Harold Unterberg, MD

**Video #9**  
**A CLITORAL CYST OF EPIDERMAL PROPORTIONS**  
Angela DiCarlo-Meacham, MD,1 Daniel Gruber, MD,2 Katherine Dengler, MD,1 Andrea Snitchler, MD3  
1Department of Female Pelvic Medicine and Reconstructive Surgery, Walter Reed National Military Medical Center, Bethesda, MD, 2Chair, Department of Female Pelvic Medicine and Reconstructive Surgery, Walter Reed National Military Medical Center, Bethesda, MD, 3Department of Pathology, Walter Reed National Military Medical Center, Bethesda, MD  
Presented By: Angela DiCarlo-Meacham, MD

**Video #10**  
**ROBOTIC YV PLASTY FOR VESICOURETHRAL ANASTOMOTIC STENOSIS FOLLOWING RADICAL PROSTATECTOMY**  
Ricardo Palmerola, Fellow, Geolani Dy, Fellow, Lee Zhao, Assistant Professor  
NYU Langone Medical Center  
Presented By: Ricardo I. Palmerola, MD

**Video #11**  
**AUTOLOGOUS FASCIAL MINI-JUPETTE SLING FOR THE MANAGEMENT OF POST-PROSTATECTOMY CLIMACTURIA**  
Judy Choi, MD, Zhamshid Okhunov, MD, Francis Jefferson, Farouk M. El-Khatib, Catherine Nguyen, MD, James Furr, MD, Faysal A. Yafi, MD  
Department of Urology, UC Irvine Health  
Presented By: Judy Choi, MD

**Video #12**  
**RETROGRADE PERCUTANEOUS TECHNIQUE OF LEAD PLACEMENT FOR CHRONIC TIBIAL NERVE STIMULATION, AN OFFICE BASED PROCEDURE**  
Larry T Sirls, Kenneth M Peters  
Beaumont Health  
Presented By: Larry Thomas Sirls, II

8:00 a.m. - 9:30 a.m.  **CONCURRENT POSTER/PODIUM SESSION**

8:00 a.m. - 9:30 a.m.  Female Urology/Incontinence Moderated Podium Session  
*Moderators: Lindsey Cox, MD, Adonis K. Hijaz, MD*
<table>
<thead>
<tr>
<th>Time</th>
<th>#</th>
<th>Title</th>
<th>Authors</th>
<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>#33</td>
<td>PROPHYLACTIC MIDURETHRAL SLINGS AT THE TIME OF PELVIC ORGAN PROLAPSE REPAIR SURGERY TO PREVENT DE-NOVO STRESS URINARY INCONTINENCE - A NEED TO REAPPRAISE?</td>
<td>Kai B. Dallas, MD, Lisa Rogo-Gupta, Raveen Syan, Ekene Enemchukwu, Christopher S. Elliott</td>
<td>Kai B. Dallas, MD</td>
</tr>
<tr>
<td>8:10 a.m.</td>
<td>#34</td>
<td>STRESS INCONTINENCE SURGERY IS NOT ASSOCIATED WITH PELVIC MALIGNANCY: THE RESULTS OF A LARGE POPULATION-BASED STUDY</td>
<td>Humberto R. Vigil, MD, BSc, FRCSC, Christopher Wallis, PhD, MD, Joseph LaBossiere, MSc, MD, FRCSC, Sender Herschorn, MDCM, Lesley Carr, MD, FRCSC</td>
<td>Humberto R. Vigil, MD, BSc, FRCSC</td>
</tr>
<tr>
<td>8:20 a.m.</td>
<td>#35</td>
<td>OVERUSE OF SPECIALTY CARE FOR WOMEN WITH URINARY INCONTINENCE</td>
<td>Claire S. Burton, MD, Christopher Gonzalez-Alabastro, Eunice Choi, Pooja Parmeshwar, Gabriela Gonzalez, Catherine Bresee, MD, Karyn Eliber, MD, A. Lenore Ackerman, MD, PhD, Jennifer T. Anger, MD, MPH</td>
<td>Claire S. Burton, MD</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>#36</td>
<td>EFFICACY OF SELF-REPORTED DATABASES</td>
<td>Ashley Caron, BS, Colby Souders, MD, Ndidiakama Obi, Khasiah Clark, Karyn Eliber, MD, Jennifer Anger, MD, MPH</td>
<td>Ashley Caron, BS</td>
</tr>
<tr>
<td>8:40 a.m.</td>
<td>#37</td>
<td>LONG-TERM OUTCOMES OF AUTOLOGOUS PUBOVAGINAL SLING FOR STRESS URINARY INCONTINENCE</td>
<td>Katherine Amin, Dept. of Urology, Dena Moskowitz, Dept. of Urology, Anh T. Nguyen, Stony Brook Univ. Sch. of Med., Fred Govier, Dept. of Urology, Alvaro Lucioni, Dept. of Urology, Kathleen C. Kobashi, Dept. of Urology, Una J. Lee, Dept. of Urology</td>
<td>Katherine Amin, MD</td>
</tr>
<tr>
<td>8:50 a.m.</td>
<td>#38</td>
<td>DO WE NEED GENDER SPECIFIC GUIDELINES?: INCIDENCE OF SIGNIFICANT FINDINGS OF MICROHEMATURIA WORKUP IN WOMEN</td>
<td>Daniel E. Rabinowitz, Andrew Wood, Allison Marziliano, Andrea Perez-Orozco, Michael Diefenbach, Simon Hall, Justin Han, Allison Polland</td>
<td>Daniel E. Rabinowitz, MD</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>#39</td>
<td>NUMEROUS SOCIOECONOMIC AND ETHNIC FACTORS PREDICT RECEIVING ADVANCED OAB THERAPIES IN A COMMERCIALLY INSURED POPULATION</td>
<td>Raveen Syan, Amy Zhang, Ekene Enemchukwu</td>
<td>Raveen Syan, MD</td>
</tr>
<tr>
<td>9:10 a.m.</td>
<td>#40</td>
<td>TRANSVAGINAL MESH LITIGATION HAS SIGNIFICANT GEOGRAPHIC VARIATION</td>
<td>Colby Souders, MD, Lynn McClelland, JD, MPH, Ashley Caron, Mohanad Alazeez, Brian Zukotynski, A. Lenore Ackerman, MD, PhD, Karyn Eliber, MD, Jennifer Anger, MD, MPH</td>
<td>Colby P. Souders, MD</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Speaker(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>WITHDRAWN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:10 a.m.</td>
<td>AN ALTERNATIVE INJECTION PARADIGM FOR THE TREATMENT OF OVERACTIVE BLADDER WITH ONABOTULINUMTOXINA IS ASSOCIATED WITH A LOW INCIDENCE OF CLEAN INTERMITTENT CATHETERIZATION IN FEMALE PATIENTS</td>
<td>Scott A. MacDiarmid¹, David Glazier², Andrew Shapiro³, Kurt McCammon⁴, Rebecca McCrery⁵, Barry Jarnagin⁶, Amin Boroujerdi⁷, Zane Bai⁷, Gina Gao⁷, Anand Patel⁷ ¹Alliance Urology Specialists, ²Virginia Urology, ³Chesapeake Urology, ⁴Eastern Virginia Medical School, ⁵Adult Pediatric Urology Urogynecology, PC, ⁶Center For Pelvic Health, ⁷Allergan, Inc. Presented By: Scott A. MacDiarmid, MD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:20 a.m.</td>
<td>REAL WORLD PERFORMANCE OF SNM AND ONABOTULINUMTOXIN A FOR OAB: FOCUS ON SAFETY AND COST</td>
<td>Mitali Kini¹, J. Quentin Clemens², Dominique Thomas¹, Tianyi Sun¹, Art Sedrakyan¹ ¹Weill Cornell Medical College, ²Michigan Medicine Presented By: Mitali Kini, BS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>PREVALENCE OF LOWER URINARY TRACT SYMPTOMS (LUTS) IN YOUNG NULLIGRAVID WOMEN</td>
<td>Casey Kowalik¹, Adam Daily², Sophia D Goodridge³, Siobhan Hartigan², Melissa R Kaufman², Roger R Dmochowski², W Stuart Reynolds² ¹Kansas University Medical Center, ²Vanderbilt University Medical Center Presented By: Casey Kowalik, MD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:40 a.m.</td>
<td>INCREASING THERAPY EFFECT OVER TWELVE WEEKS WITH THE NURO™ PERCUTANEOUS TIBIAL NEUROMODULATION SYSTEM IN DRUG NAÏVE PATIENTS WITH OVERACTIVE BLADDER SYNDROME (OAB)</td>
<td>Kathleen C. Kobashi¹, Peter Sand², Eric Margolis³, Steven Siegel⁴, Salil Khandwala⁵, Diane Newman⁶, Victor Nitti⁷, Scott A. MacDaidiam², Anne Miller², Fangyu Kan² ¹Virginia Mason Medical Center, Seattle, WA, ²NorthShore University Health-System, Evanston, IL, ³Urologic Research and Consulting LLC, Englewood, NJ, ⁴Metro Urology, Woodbury, MN, ⁵Advanced Urogynecology of Michigan PC, Dearborn, MI, ⁶Division of Urology, Penn Medicine, University of Pennsylvania, Philadelphia, PA, ⁷NYU School of Medicine, New York, NY, ⁸Alliance Urology Specialists, Greensboro, NC, ⁹Medtronic, Minneapolis, MN Presented By: Kathleen C. Kobashi, MD, FACS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:50 a.m.</td>
<td>FLUID RESTRICTION AND URINARY SYMPTOMS IN PATIENTS WITH MULTIPLE SCLEROSIS</td>
<td>Justina Tam, Alice Cheung, Jason Kim, Steven Weissbart  Stony Brook Medicine, Department of Urology Presented By: Alice Cheung</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>REASONS FOR CLEAN INTERMITTENT CATHETERIZATION CESSATION AFTER SPINAL CORD INJURY: RESULTS FROM THE NEUROGENIC BLADDER RESEARCH GROUP (NBGRG)</td>
<td>Darshann P. Patel, MD⁴, John Stoffel, MD², Sean Elliott, MD, MS³, Sara Lenherr, MD, MS¹, Angela Presson, PhD, MS¹, Blayne Welk, MD, MSc², Jeremy Myers, MD³ ¹University of Utah, ²University of Michigan, ³University of Minnesota, ⁴University of Western Ontario Presented By: Darshann P. Patel, MD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>#</td>
<td>Title</td>
<td>Authors</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-----</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
</tbody>
</table>
| 9:10 a.m.| #49 | DO APPRECIABLE CHANGES IN THE MOTOR CAPABILITY TO PERFORM CLEAN CLEAN | Christopher S. Elliott¹,², Dimitar Zlatev³, James Crew⁴, Kazuko Shem⁴  
|          |     | INTERMITTENT CATHETERIZATION COME ABOUT WITH TIME AFTER TRAUMATIC     | ¹Stanford University Medical Center, Department of Urology, ²Santa Clara Valley Medical Center Division of Urology, ³Stanford University Medical Center Department of Urology, ⁴Santa Clara Valley Medical Center Department of Physical Medicine and Rehabilitation |
|          |     | SPINAL CORD INJURY?                                                  | Presented By: Christopher S. Elliott, MD, PhD                                                                   |
| 9:20 a.m.| #50 | LONG-TERM DISCONTINUATIONS OF BOTULINUM TOXIN A INTRADETRUSOR         | Benoit Peyronnet, MD¹, Maximilien Baron, MD², Annabelle Aublé, MD², Juliette Hascoet, MD³, Evelyne Castel-Lacanal, MD², Gabriel Migeot¹, Thomas Prudhomme, MD², Andrea Manunta, MD², Jean-Nicolas Cornu, MD PhD², Xavier Gamé, MD PhD²  
|          |     | INJECTIONS FOR NEUROGENIC DETRUSOR OVERACTIVITY: A MULTICENTER STUDY | ¹University of Rennes, ²University of Rouen, ³University of Toulouse                                               |
|          |     |                                                                       | Presented By: Benoit Peyronnet, MD                                                                                |
| 8:00 a.m.-9:30 a.m. |     | Pelvic Organ Prolapse/Reconstruction Moderated Poster Session         |                                                                                                                  |

**Poster #M34**

INCIDENCE, RISK FACTORS, AND COST OF BLADDER INJURY DURING CESAREAN SECTION IN THE NATIONAL INPATIENT SAMPLE  
Christopher R. Haas, Elisabeth M. Sebesta, Joseph M. Caputo, MD Doreen E. Chung  
Columbia  
Presented By: Joseph M. Caputo, MD

**Poster #M35**

PREVALENCE OF FEMALE URETHRAL STRICTURE AND SURGICAL TREATMENT IN THE FEMALE MEDICARE POPULATION  
Annah Vollstedt, MD, Amanda Swanton, MD, PhD, E. Ann Gormley, MD  
Dartmouth-Hitchcock Medical Center  
Presented By: Annah Vollstedt, MD

**Poster #M36**

CYSTECTOMY AND URINARY DIVERSION FOR END-STAGE BLADDERS IS ASSOCIATED WITH LOW COMPLICATION RATES AND QUALITY OF LIFE IMPROVEMENT  
Margaret Higgins, MD, Lauren Hicks, APRN, Shubhum Gupta, MD  
University of Kentucky, Dept. Urology, Lexington KY  
Presented By: Margaret Higgins, MD

**Poster #M37**

EARLY AND DELAYED COMPLICATIONS OF URINARY DIVERSION FOR BENIGN ETIOLOGY  
Jacqueline M. Zillioux, MD¹, David Rapp, MD¹, Luriel Smith-Harrison, MD²³, Matthew Wang, BS¹, Raymond Costabile, MD¹  
¹University of Virginia, Department of Urology, Charlottesville, VA, ²University of Virginia, Charlottesville, VA, ³Virginia Commonwealth University, Division of Urology, Richmond, VA  
Presented By: Jacqueline M. Zillioux, MD
<table>
<thead>
<tr>
<th>Poster #</th>
<th>Title</th>
<th>Authors</th>
<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>M38</td>
<td>OUTCOMES OF URINARY DIVERSION CREATED FOR LATE ADVERSE EFFECTS OF GYNECOLOGIC RADIOThERAPY</td>
<td>Daniel W. Smith, MD¹, John T. Stoffel, MD², Joseph Pariser, MD¹, Jacob Albersheim-Carter, MD¹, Rachel Moses, MD², Diana O’Dell, MPH¹, John Stoffel, MD², Jeremy Myers, MD², Sean Elliott, MD¹</td>
<td>John T. Stoffel, MD</td>
</tr>
<tr>
<td>M39</td>
<td>EFFICACY AND SAFETY COMPARISON OF ROBOTIC-ASSISTED SACROCOLPOPEXY USING LIGHT-WEIGHT AND HEAVY-WEIGHT POLYPROPYLENE MESH</td>
<td>Emily Huang, Deborah Hess, Philippe Zimmerm, Maude Carmel</td>
<td>Emily Huang</td>
</tr>
<tr>
<td>M40</td>
<td>HOW CAN A PATIENT FIND RELIABLE INFORMATION ONLINE? MACHINE LEARNING ALGORITHMS SUCCESSFULLY IDENTIFY THE QUALITY OF LAY-PERSON DIRECTED ARTICLES</td>
<td>Kai B. Dallas, MD¹, Lisa Rogo-Gupta², Christopher S. Elliott¹³</td>
<td>Kai B. Dallas, MD</td>
</tr>
<tr>
<td>M41</td>
<td>CADAVERIC STUDY OF SACRAL FIXATION TECHNIQUES FOR SACROCOLPOPEXY</td>
<td>Giulia Lane, MD, Iryna Crescenze, MD, Payton Schmidt, MD, Anne Cameron, MD, Paholo Barboglio-Romo, MD, Priyanka Gupta, MD</td>
<td>Giulia Lane, MD</td>
</tr>
<tr>
<td>M42</td>
<td>TOTAL AUTOLOGOUS FASCIA LATA ANTERIOR AND APICAL SUSPENSION FOR THE TREATMENT OF PELVIC ORGAN PROLAPSE: EXPERIENCE IN THIRTY-THREE PATIENTS</td>
<td>Fahad Chaus, MD, MBA, Jayce Pangilinan, BA, Joel Funk, MD, Christian Twiss, MD</td>
<td>Fahad M. Chaus, MD, MBA</td>
</tr>
<tr>
<td>M43</td>
<td>ADVANCED OAB THERAPIES ARE EQUALLY EFFECTIVE IN UNTREATED AND TREATED PELVIC ORGAN PROLAPSE PATIENTS</td>
<td>Raveen Syan¹, Shannon L. Wallace, MD², Michelle Torosis², Eric Sokol²</td>
<td>Raveen Syan</td>
</tr>
</tbody>
</table>

8:00 a.m. - 9:30 a.m. Pelvic Organ Prolapse/Reconstruction/Neurogenic Bladder and Female Urology Non-Moderated Poster Session*
*Not CME Accredited

<table>
<thead>
<tr>
<th>Poster #</th>
<th>Title</th>
<th>Authors</th>
<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM166</td>
<td>DORSAL ONLY BUCCAL MUCOSA VS VAGINAL-FLAP &quot;BLANDY&quot; URETHROPLASTY FOR FEMALE URETHRAL STRUCTURE: A SINGLE-CENTER SERIES</td>
<td>Rachael D. Sussman, Benoit Peyronnet, MD, Ricardo Palermola, Dominique Malacarne, Michael Granieri, Christina Escobar, Lee Zhao, Nirit Rosenblum, Victor Nitti, Benjamin Brucker</td>
<td>Rachael D. Sussman, MD</td>
</tr>
<tr>
<td>NM167</td>
<td>TEMPORAL TRENDS IN THE INCIDENCE OF PELVIC FRACTURE ASSOCIATED URETHRAL INJURIES IN UNITED STATES</td>
<td>Hanson Zhao¹, Andrew Chen¹, Colby P. Souders¹, Catherine Bresee¹, D. Joseph Thum¹, Alex Hannemann², Jennifer T. Anger¹, George D. Webster¹</td>
<td>Hanson Zhao, MD</td>
</tr>
</tbody>
</table>

Poster #M38

Poster #M39

Poster #M40

Poster #M41

Poster #M42

Poster #M43
<table>
<thead>
<tr>
<th>Poster #NM168</th>
<th>USE OF NEXT GENERATION DNA SEQUENCING TO EVALUATE THE BIOME OF UROLOGICAL PROSTHETICS: A PILOT STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Seth Teplitsky, BS, Akhil Das, MD, Patrick Shenot, MD, Edouard Trabulsi, MD, Irving Hirsh, MD, Paul Chung, MD</td>
</tr>
<tr>
<td></td>
<td>Department of Urology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania</td>
</tr>
<tr>
<td></td>
<td>Presented By: Seth Teplitsky, BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM169</th>
<th>EVALUATION OF TRANSGENDER PREPAREDNESS IN AN OUTPATIENT CLINIC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Seth Teplitsky, BS, May Jean Counsilman, MD, Patrick Shenot, MD, Leonard Gomella, MD, Paul Chung, MD</td>
</tr>
<tr>
<td></td>
<td>Department of Urology, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania</td>
</tr>
<tr>
<td></td>
<td>Presented By: Seth Teplitsky, BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM170</th>
<th>ASSESSMENT OF CAREGIVER BURDEN AFTER URINARY DIVERSION FOR BLADDER CANCER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wai Lee¹, Chris Du², Una J. Lee¹, Kathleen C. Kobashi¹, John Cormani¹, Alvaro Lucioni¹</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, Virginia Mason, Seattle, WA, ²Department of Urology, Stony Brook Medicine, Stony Brook, NY</td>
</tr>
<tr>
<td></td>
<td>Presented By: Wai Lee, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM171</th>
<th>ECTOPIC URETERS DIAGNOSED IN ADULTHOOD: PRESENTATION, DIAGNOSIS AND SURGICAL MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bogdan Toia, Mahreen Pakzad, Rizwan Hamid, Tamsin Greenwell, Jeremy Ockrim</td>
</tr>
<tr>
<td></td>
<td>University College London Hospital</td>
</tr>
<tr>
<td></td>
<td>Presented By: Jeremy Ockrim, MD, BSc(Hons), FRCS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM172</th>
<th>A CRITICAL ANALYSIS OF FEMALE URETHRAL STRicture DISEASE: PATHOLOGIC AND HISTOLOGIC PARAMETERS FROM 7 PATIENTS UNDERGOING DORSAL VAGINAL GRAFT URETHROPLASTY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Steven Petrou, Department of Urology¹, Xochiquetzal Geiger, Department of Pathology¹, Ram Pathak, Department of Urology², Steven Lomax, MD, Department of Urology¹, David Thiel, Department of Urology¹</td>
</tr>
<tr>
<td></td>
<td>¹Mayo Clinic Florida, ²Wake Forest Health</td>
</tr>
<tr>
<td></td>
<td>Presented By: Steven Lomax, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM173</th>
<th>APPENDIX OR ILEUM – WHICH IS THE BEST MATERIAL FOR MITROFANOFF CHANNEL FORMATION?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rachel Barratt, Eabhann O'Connor, Mahreen Pakzad, Rizwan Hamid, Jeremy Ockrim, Tamsin Greenwell</td>
</tr>
<tr>
<td></td>
<td>University College College Hospital, UCLH</td>
</tr>
<tr>
<td></td>
<td>Presented By: Rachel Barratt, BMBS, BMedSci, MRCS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM174</th>
<th>PELVIC RECONSTRUCTIVE SURGERY PERFORMED WITH MONITORED ANESTHESIA CARE AND LOCAL ANESTHESIA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tess Crouss, MD¹, Caitlin Lim, DO², Briana Mancenido, Medical student¹, Neha Rana, MD¹, Xibei Jia, MD¹, Kristene Whitmore, MD¹</td>
</tr>
<tr>
<td></td>
<td>¹Drexel University, ²Einstein Urology, ³Philadelphia Urosurgical Associates PC</td>
</tr>
<tr>
<td></td>
<td>Presented By: Tess Crouss, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM175</th>
<th>GENDER-AFFIRMING VAGINECTOMY AND COLPOCLEISIS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Helen Y. Hougen, Daniel Dugi, Kamran Sajadi</td>
</tr>
<tr>
<td></td>
<td>Oregon Health and Science University, Department of Urology, Portland, OR</td>
</tr>
<tr>
<td></td>
<td>Presented By: Helen Y. Hougen, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM176</th>
<th>MODIFIED PSOAS HITCH CAN REPLACE BOARI FLAP WITHOUT COMPROMISING VASCULARITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Majid Mirzazadeh, Department of Urology, Whitney R. Smith, MD, Department of Urology</td>
</tr>
<tr>
<td></td>
<td>Wake Forest Baptist Medical Center, Winston-Salem, NC</td>
</tr>
<tr>
<td></td>
<td>Presented By: Whitney R. Smith, MD</td>
</tr>
<tr>
<td>Poster #NM177</td>
<td>OUTCOMES OF PREGNANCY FOLLOWING SURGERY FOR PELVIC ORGAN PROLAPSE: A SYSTEMATIC REVIEW</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Ashley Caron¹, A. Lenore Ackerman, MD, PhD², Pooja Parameshwar², Karyn Eilber, MD¹, Jennifer Anger, MD, MPH¹</td>
</tr>
<tr>
<td></td>
<td>¹Department of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, ²Department of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, ³Stanford University School of Medicine, Stanford, CA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Ashley Caron, BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM178</th>
<th>KNOWLEDGE, ATTITUDE, BEHAVIORS AND BELIEFS REGARDING PELVIC FLOOR DISORDERS IN LATINA WOMEN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Claudia Sevilla¹, Christine Horton¹², Tope Rude¹, Katherine Volpe¹², Lourdes Baezconde-Garbanati³, Jennifer Unger³, Mariana Stern³¹, Larissa Rodriguez¹</td>
</tr>
<tr>
<td></td>
<td>¹University of Southern California, Department of Urology, Los Angeles, CA, ²University of Southern California, Department of Obstetrics and Gynecology, Los Angeles, CA, ³University of Southern California, Department of Preventive Medicine, Los Angeles, CA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Claudia Sevilla, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM179</th>
<th>TRENDS AND SAFETY OF CONCURRENT SACROCOLPOPEXY AND RECTOPEXY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Claire S. Burton, MD¹, Catherine Bresee, MS², Coulby Souders, MD², Alex Hanneman³, Karyn Eilber, MD³, Jennifer T. Anger, MD³</td>
</tr>
<tr>
<td></td>
<td>¹University of California Los Angeles, ²Cedars Sinai Medical Center, ³University of South Dakota</td>
</tr>
<tr>
<td></td>
<td>Presented By: Claire S. Burton, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM180</th>
<th>IS PRIMARY ELECTIVE CESAREAN DELIVERY PROTECTIVE AGAINST PELVIC FLOOR DISORDERS?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Colby P. Souders, MD¹, Farnoosh Nik-Ahd², Ashley Caron¹, Karyn Eilber, MD¹, Jennifer Anger, MD¹</td>
</tr>
<tr>
<td></td>
<td>¹Cedars-Sinai Medical Center, Los Angeles, CA, ²David Geffen School of Medicine at UCLA, Los Angeles, CA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Colby P. Souders, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM181</th>
<th>LONG-TERM REOPERATION RATES ARE EQUIVALENT FOR PELVIC ORGAN PROLAPSE REPAIRS WITH BIOLOGIC AND SYNTHETIC GRAFTS IN A LARGE POPULATION BASED COHORT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Kai B. Dallas, MD¹, Ericka Sohlberg¹, Christopher S. Elliott¹², Lisa Rogo-Gupta³</td>
</tr>
<tr>
<td></td>
<td>¹Stanford University, Department of Urology, Stanford, CA, ²Santa Clara Valley Medical Center, Department of Urology, San Jose, CA, ³Stanford University, Department of Obstetrics and Gynecology, Stanford, CA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Kai B. Dallas, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM182</th>
<th>POSTPARTUM WOMEN’S EXPERIENCE WITH PELVIC ORGAN PROLAPSE: INSIGHT REVEALED FROM REDDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chris Du¹, Wai Lee², Amin Katherine², Kathleen C. Kobashi², Alvaro Lucioni², Una J. Lee²</td>
</tr>
<tr>
<td></td>
<td>¹SUNY Stonybrook, ²Virginia Mason</td>
</tr>
<tr>
<td></td>
<td>Presented By: Chris Du, BA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM183</th>
<th>TRANSVAGINAL REPAIR OF PELVIC ORGAN PROLAPSE AFTER CYSTECTOMY/ANTERIOR PELVIC EXONERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Iryna Crescenze, Paholo Barboglio Romo, Priyanka Gupta, Daniel Morgan</td>
</tr>
<tr>
<td></td>
<td>University of Michigan</td>
</tr>
<tr>
<td></td>
<td>Presented By: Iryna Crescenze, MD</td>
</tr>
</tbody>
</table>
| Poster #NM184 | USING DIGITAL ETHNOGRAPHY TO UNDERSTAND THE BIOPSYCHOSOCIAL ILLNESS EXPERIENCE OF WOMEN SUFFERING FROM PELVIC ORGAN PROLAPSE | Gabriela Gonzalez1,2, Yuliya Zektser1,3, Carine Khalil, PhD4,5, Kristina Vuculik1,4, Corey Arnold, PhD5, Christopher V. Almario, MD, MSHPM6,7,8,9, Brennan M.R. Spiegel, MD, MSHS4,5,6,7, Jennifer T. Anger, MD, MPH2  
1David Geffen School of Medicine, University of California, Los Angeles, CA, 2Department of Surgery, Division of Urology, Cedars-Sinai Medical Center, Los Angeles, CA, 3Division of Health Services Research, Cedars-Sinai Medical Center, Los Angeles, CA, 4Cedars-Sinai Center for Outcomes Research and Education, Los Angeles, CA, 5Medical Imaging Informatics, Department of Radiology, UCLA, Los Angeles, CA, 6Division of Informatics, Cedars-Sinai Medical Center, Los Angeles, CA, 7Division of Digestive and Liver Diseases, Cedars-Sinai Medical Center, Los Angeles, CA, 8Presented By: Gabriela Gonzalez, BS |  |
| Poster #NM185 | ROBOT-ASSISTED LAPAROSCOPIC SACROCOLOPEXY WITH AUTOLOGOUS FASCIA LATA: TECHNIQUE AND INITIAL OUTCOMES | Victoria C.S. Scott1, Janine L. Oliver, Michelle Van Kuiken1, Frank Lin1, Nika Vinson1, Shlomo Raz1, Ja-Hong Kim1  
1Department of Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, 2Division of Urology, University of Colorado School of Medicine, Aurora, Colorado |  |
| Poster #NM186 | OUTCOMES OF SACROCOLOPEXY WITH CONCURRENT COLORECTAL SURGERY FOR MULTICOMPARTMENT PROLAPSE REPAIR | Carrie A. Stewart, Hanson Zhao, Gabriela Gonzalez, Christopher Gonzales-Alabastro, Karen Zaghbyan, Beth Moore, David Magner, A. Lenore Ackerman, Jennifer Anger, Karyl Eliber |  |
| Poster #NM187 | OUTCOMES AFTER IMPLEMENTATION OF GUIDELINES LIMITING OPIOIDS AFTER UROGYNECOLOGIC SURGERY | Shirly Solouki, MD1, Nitya Abraham, MD2  
1Albert Einstein College of Medicine/Montefiore Medical Center Department of OB/GYN, 2Albert Einstein College of Medicine/Montefiore Medical Center Department of Urology |  |
| Poster #NM188 | FACTORS CONTRIBUTING TO HEALTH DISPARITIES IN SPANISH-SPEAKING LATINA WOMEN WITH PELVIC FLOOR DISORDERS | Claudia Sevilla1, Christine Horton2, Katherine Volpe2, Lourdes Baezconde-Garbanati3, Jennifer Unger3, Mariana Stern1,3, Larissa Rodriguez1  
1University of Southern California, Department of Urology, Los Angeles, CA, 2University of Southern California, Department of Obstetrics and Gynecology, Los Angeles, CA, 3University of Southern California, Department of Preventive Medicine, Los Angeles, CA |  |
| Poster #NM189 | EFFECT OF PROLAPSE REDUCTION ON VOIDING PARAMETERS DURING URODYNAMIC EVALUATION OF WOMEN WITH PELVIC ORGAN PROLAPSE | Daniela Kaefer, MD, Elizabeth Ferry, MD, Natasha Ginzburg, MD  
SUNY Upstate Medical University, Dept. of Urology |  |
| Poster #NM190 | DOES PELVIC SURGERY IMPACT THE EFFICACY OF PELVIC FLOOR PHYSICAL THERAPY FOR PELVIC PAIN? | Esther Han, DO1, Laura Nguyen, MD2, Jason Gilleran, MD1,3, Jamie Bartley, DO1,3, Lisa Odabachian, M.P.T.1, Kim Killinger, MSN, Kenneth Peters, MD1,3, Yi Ling Dai2, Judith Boura, MS4, Larry Sirls, MD1,3  
1Beaumont Health, 2McMaster University, 3Oakland University William Beaumont School of Medicine, 4Ascension Macomb-Oakland Hospital |  |
| Poster #NM191 | DE NOVO DEFECATORY SYMPTOMS AND POSTERIOR COMPARTMENT PROLAPSE AS A COMPLICATION OF SACROCOPEXY | Hanson Zhao1, Carrie A. Stewart2, Gabriela Gonzalez2, Christopher Gonzales-Alabastro2, A. Lenore Ackerman1, Karyn Elber1, Jennifer T. Anger1  
1Cedars-Sinai Medical Center, Los Angeles CA, 2UCLA College of Medicine, Los Angeles CA | Presented By: Hanson Zhao, MD |
| Poster #NM192 | A NATIONAL CONTEMPORARY ANALYSIS OF PERIOPERATIVE OUTCOMES FOR MINIMALLY-INVASIVE SACROCOPEXY VERSUS VAGINAL APICAL SUSPENSION | Brian J. Linder, MD, MS1, Boms Gershman, MD2, Katherine Bews1, Amy Glasgow1, John Occhino, MD1  
1Mayo Clinic, 2Brown University | Presented By: Brian J. Linder, MD, MS |
| Poster #NM193 | AETIOLOGY AFFECTS THE LONG TERM OUTCOME OF THE MITROFANOFF CHANNEL IN ADULTS. | Eabhan O'Connor, Rachel Barratt, Mahreen Pakzad, Rizwan Hamid, Jeremy Ockrim, Tamsin Greenwell University College London Hospital, UCLH@ WestmorelandStreet. London W1G9PH | Presented By: Rachel Barratt, BMBS, BMedSci, MRCS |
| Poster #NM194 | ROBOT-ASSISTED BLADDER NECK ARTIFICIAL URINARY SPHINCTER IMPLANTATION IN MALE PATIENTS WITH NEUROGENIC STRESS URINARY INCONTINENCE: A MULTICENTER STUDY | Benoit Peyronnet, MD1, Florence Encatassamy, MD5, Juliette Hascoet, MD1, Thomas Prudhomme, MD1, Andrea Manunta, MD1, Loic Lenormand, MD3, Xavier Gamé, MD PhD3, Marie-Aimée Perrouin-Verbe, MD2  
1University of Rennes, 2University of Nantes, 3University of Toulouse | Presented By: Benoît Peyronnet, MD |
| Poster #NM195 | OUTCOMES IN PATIENTS WITH IDIOPATHIC OVERACTIVE BLADDER UNDERGOING AUGMENTATION CYSTOPLASTY IN THE ERA OF ONABOTULINUMTOXIN-A AND INTERSTIM | Akshay Sood, MD, Ben Eilender, BS, Phil Wong, MD, PhD, Humphrey Atiemo, MD  
Vattikuti Urology Institute, Henry Ford Hospital, Detroit, MI | Presented By: Akshay Sood, MD |
| Poster #NM196 | PREVALENCE OF PELVIC ORGAN PROLAPSE IN MINNESOTA WOMEN USING A VALIDATED EPIDEMIOLOGIC SURVEY: A CROSS-SECTIONAL STUDY | Makinna Oestreich, BA1, Martina Gabra, MD4, Katelyn Tessier, MS1, Cynthia Fok, MD, MPH4, Nissrine Nakib, MD2, John Fischer, MD, FACOG4  
1University of Minnesota Medical School, Minneapolis, MN, 2University of Minnesota, Dept. of Urology, Minneapolis, MN, 3University of Minnesota, Masonic Cancer Center, Biostatistics Core, Minneapolis, MN, 4University of Minnesota, Dept. of OB/GYN, Minneapolis, MN | Presented By: Makinna Oestreich, BA |
| Poster #NM197 | OUTCOMES OF NATIVE TISSUE SACROSPINOUS LIGAMENT FIXATION WITH UNILATERAL DESCHAMP NEEDLE SUTURE LIGATURE | Vini Chopra, MD, Vicki Irish, CNP, Humphrey Atiemo, MD  
Henry Ford Hospital | Presented By: Vini Chopra, MD |
| Poster #NM198 | RISK OF PROLAPSE RECURRENCE AFTER NATIVE TISSUE ANTERIOR VAGINAL WALL SUSPENSION FOLLOWING ANTERIOR COLPORRHAPHY WITH LONG-TERM FOLLOWUP | Deborah Hess1, Rena Malik2, Alana Christie3, Philippe Zimmer1  
1UT Southwestern, 2University of Maryland | Presented By: Deborah Hess, MD, MS |
### Poster #NM199
**Natural History of Asymptomatic POP Recurrence: What Happens Next? What Should I Advise My Patient?**
Gabriela Alarcon¹, Marcelo Mass-Linenbaum², Javier Pizarro-Berdichevsky³
¹Division de Obstetricia y Ginecologia, Pontificia Universidad Católica de Chile, ²Universidad de los Andes, Chile, ³Division de Obstetricia y Ginecologia, Pontificia Universidad Católica de Chile
Presented By: Javier Pizarro-Berdichevsky, MD

### Poster #NM200
**Evaluation of Transvaginal Uterosacral Ligament Hysteropexy vs. Uterosacral Ligament Suspension with Hysterectomy: A Retrospective Comparison Study with Two Year Outcomes**
Samantha M. Raffee, MD¹, Naveen Kachroo, MD, PhD¹, Solafa Elshatanoufy, MD², Humphrey Atiemo, MD¹
¹Vattikuti Urology Institute, Henry Ford Hospital, Detroit, MI, USA, ²Department of Obstetrics and Gynecology, Henry Ford Hospital, Detroit, MI, USA
Presented By: Samantha M. Raffee, MD

### Poster #NM201
**Pre-Operative Risk Factors Leading to Postoperative Failed Voiding Trial after Robotic Sacrocolpopexy (RSC)**
Dayron Rodriguez, Deborah Hess, Emily Huang, Maude Carmel
UT Southwestern
Presented By: Dayron Rodriguez, MD, MPH

### Poster #NM202
**Transoblique Placement of Urinary Diversions with Ipsilateral Vertical Rectus Abdominis Myocutaneous Flap at Time of Pelvic Exenteration**
Ajaydeep Sidhu, MD¹, Felix Cheung, MD², Nicole Benfanle³, Bernard Bochner, MD¹, Laura Leddy, MD¹, Jaspreet Sandhu, MD¹
¹Memorial Sloan Kettering Cancer Center, Department of Surgery, Urology Service, ²NYU Winthrop Hospital, Mineola, New York, ³Memorial Sloan Kettering Cancer Center
Presented By: Ajaydeep Sidhu, MD

### Poster #NM203
**Prospective Cost Analysis of 3 Vaginal Anti-Incontinence Procedures at a Tertiary Care Center**
Daniel Wong¹, Alana Christie, MS², Gary Lemack, MD¹, Philippe Zimmern, MD¹
¹Department of Urology, UT Southwestern Medical Center, ²Simmons Comprehensive Cancer Center, UT Southwestern Medical Center
Presented By: Daniel Wong

### Poster #NM204
**The Use of Mirabegron in Patients with Parkinson’s Disease and Storage Lower Urinary Tract Symptoms: A Single-Center Series**
Benoit Peyronnet, MD¹, Gregory Vurture, Mr¹, Dominique Pape, MD¹, Jose-Alberto Palma-Cardozo, MD¹, Andrew Feigin, MD¹, Rachael Sussman, MD¹, Ricardo Palmerola, MD¹, Nirit Rosenblum, MD², Steven Frucht, MD¹, Horacio Kaufmann, MD¹, Victor Nitti, MD¹, Benjamin Brucker, MD¹
¹New York University, ²New York University
Presented By: Benoit Peyronnet, MD

### Poster #NM205
**Long-Term Outcomes of Artificial Urinary Sphincter in Female Patients with Spina Bifida**
Juliette Hascoet, MD¹, Andrea Manunta, MD¹, Marie-Aimée Perroquin-Verbe, MD², Jacques Kerdraon, MD¹, Magali Jezquel, MD¹, Elsa Bey, MD², Loïc Lenormand, MD², Grégoire Capon, MD², Benoît Peyronnet, MD¹
¹University of Rennes, ²University of Nantes, ³University of Bordeaux
Presented By: Benoit Peyronnet, MD

### Poster #NM206
**Gender and Urinary Symptoms in Patients with Multiple Sclerosis**
Bradley Garden, Justina Tam, Alice Cheung, Jason Kim, Steven Weissbart
Stony Brook Medicine, Department of Urology
Presented By: Bradley Garden, MD
<table>
<thead>
<tr>
<th>Poster #NM207</th>
<th>APPROPRIATE SCREENING FOR UROLOGIC COMPLICATIONS AFTER SPINAL CORD INJURY IN A NON-DESIGNATED SCI CENTER VETERANS AFFAIRS HOSPITAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Alyssa Greiman, Rohail Kazi, Cox Lindsey</td>
</tr>
<tr>
<td></td>
<td>Medical University of South Carolina</td>
</tr>
<tr>
<td></td>
<td>Presented By: Alyssa Greiman, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM208</th>
<th>VALSALVA VOIDING VS. CLEAN INTERMITTENT CATHETERIZATION IN ADULT SPINA BIFIDA PATIENTS WITH NEUROGENIC ACONTRACTILE Detrusor: A CASE CONTROL STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mehdi El-Akri¹, Charlène Brochard, MD¹, Juliette Hascoet, MD¹, Magali Jezequel, Ms¹, Quentin Alimi, MD¹, Zine-Eddine Khene, MD¹, Claire Richard, Ms¹, Jacques Kerdraon, MD¹, Xavier Gamé, MD, PhD², Andrea Manunta, MD¹, Laurent Siproudhis, MD, PhD², Benoit Peyronnet, MD¹</td>
</tr>
<tr>
<td></td>
<td>¹University of Rennes, ²University of Toulouse</td>
</tr>
<tr>
<td></td>
<td>Presented By: Benoit Peyronnet, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM209</th>
<th>NATURAL HISTORY OF UPPER TRACT CALCULI IN SPINAL CORD INJURY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Giulia Lane, MD¹, Rachel Mann², Iryna Crescenze³, John Stoffel⁴, William Roberts⁵, J Quentin Clemens⁶, Diana O'Dell⁷, Anne Cameron¹</td>
</tr>
<tr>
<td></td>
<td>¹University of Michigan, ²University of Minnesota</td>
</tr>
<tr>
<td></td>
<td>Presented By: Giulia Lane, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM210</th>
<th>UROLOGIC CARE OF A MULTIPLE SCLEROSIS PATIENT POPULATION – SINGLE PROVIDER EXPERIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Samantha M. Raffee, MD, Philip Wong, MD, PhD, Isaac Palma-Zamora, MD, Vicki Irish, NP, Humphrey Atiemo, MD</td>
</tr>
<tr>
<td></td>
<td>Vattikuti Urology Institute, Henry Ford Hospital, Detroit, MI, USA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Samantha M. Raffee, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM211</th>
<th>NEUROGENIC DYSFUNCTION IN ADULTS WITH CEREBRAL PALSY: A 10 YEAR EXPERIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ruthie Su¹, Gray L. Roberge², Wade Bushman³</td>
</tr>
<tr>
<td></td>
<td>¹University of Wisconsin, ²University of Wisconsin, Department of Urology, Madison, WI</td>
</tr>
<tr>
<td></td>
<td>Presented By: Gray L. Roberge, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM212</th>
<th>FEASIBILITY AND PERIOPERATIVE OUTCOMES OF ROBOT-ASSISTED AUGMENTATION CYSTOPLASTY IN ADULT PATIENTS WITH NEUROGENIC BLADDER: A PRELIMINARY SINGLE-CENTER EXPERIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Benoit Peyronnet, MD, Juliette Hascoet, MD, Louis-Paul Berthelot, Jacques Kerdraon, MD, Caroline Voiry, MD, Karim Bensalah, MD PhD, Grégory Verhoest, MD, PhD, Quentin Alimi, MD PhD</td>
</tr>
<tr>
<td></td>
<td>University of Rennes</td>
</tr>
<tr>
<td></td>
<td>Presented By: Benoit Peyronnet, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM213</th>
<th>INITIATION OF INTERMITTENT CATHETERIZATION IS ASSOCIATED WITH INCREASED RISK OF URINARY TRACT INFECTION IN MULTIPLE SCLEROSIS PATIENTS WITH ELEVATED POST-VOID RESIDUAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lauren E. Corona¹, Nadia R. Sion², Elizabeth Dray³, Anne P. Cameron¹, J. Quentin Clemens¹, Yongmei Qin¹, John T. Stoffel³</td>
</tr>
<tr>
<td></td>
<td>¹University of Michigan, Department of Urology, ²Central Michigan University, College of Medicine, ³Greenville Health Systems, Department of Urology</td>
</tr>
<tr>
<td></td>
<td>Presented By: Lauren E. Corona, MD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poster #NM214</th>
<th>ILEOVESICOSTOMY OUTCOMES IN PATIENTS WITH NEUROGENIC BLADDER DYSFUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lauren Beeder¹, Jie Cai², David Ginsberg³</td>
</tr>
<tr>
<td></td>
<td>¹Keck School of Medicine of University of Southern California, Los Angeles, CA, ²University of Southern California, Los Angeles, CA, ³Department of Urology, University of Southern California, Los Angeles, CA</td>
</tr>
<tr>
<td></td>
<td>Presented By: Lauren Beeder, BS</td>
</tr>
</tbody>
</table>
| Poster #NM215 | LESSONS LEARNED FROM THE LONGEST REPORTED STUDIES ON OPEN STRESS URINARY INCONTINENCE PROCEDURES IN WOMEN. | Amy Kuprasertkul, BS, Philippe Zimmern, MD
Department of Urology, UT Southwestern Medical Center
Presented By: Amy Kuprasertkul, BS |
| Poster #NM216 | THE ROLE OF ANESTHESIA IN URINARY RETENTION FOLLOWING MID URETHRAL SLING | Eric Katz, Kareem Alazem, Kristian Stensland, Lara MacLachlan
Institute of Urology, Lahey Hospital Medical Center, Burlington, MA, USA
Presented By: Eric Katz, BA, MD |
| Poster #NM217 | DYSPAREUNIA IN FEMALE ADULT ENTERTAINERS CAN BE A CAUSE OF FEMALE SEXUAL DYSFUNCTION | Daniel Furlong¹, Justin Dubin¹, Aubrey Greer¹, Maria Becerra¹, Cadence Valentine², Ian O’Brien², Eric Leue², Lisa Paz², Ashley Winter², Ranjith Ramasamy³
¹Department of Urology, University of Miami Miller School of Medicine, Miami, FL, USA, ²The Free Speech Coalition, Canoga Park, CA, USA, ³Department of Urology, Kaiser Permanente, Portland, OR, USA
Presented By: Daniel Furlong, MD, MBA |
| Poster #NM218 | TRENDS IN GENDER REPRESENTATION OF AUTHORSHIP AT THE ANNUAL SUFU MEETING | Caitlin Lim, DO, Sarah Christianson, DO, Rebecca Spinaris, BS, Joshua Cohn, MD, Justin Friedlander, MD
Albert Einstein Medical Center
Presented By: Caitlin Lim, DO, MS |
| Poster #NM219 | SURGICAL INTERVENTIONS FOR THE COMPLICATIONS FROM SYNTHETIC MESH AFTER MIDURETHRAL SLING SURGERY | Ji-Yeon Han¹, Sung Tae Cho²
¹Pusan National University Yangsan Hospital, ²Hallym University School of Medicine
Presented By: Ji-Yeon Han, MD, PhD |
| Poster #NM220 | RISK FACTORS FOR POOR ADHERENCE TO ANTICHOLINERGICS THERAPY IN CHILEAN PATIENTS WITH OVERACTIVE BLADDER (OAB): ANALYSIS OF A LARGE DATASET FROM A PROSPECTIVELY COLLECTED DATABASE | Marcelo Mass-Lindentbaum¹, Gabriela Alarcón², Javier Pizarro-Berdichevsky³
¹Universidad de los Andes, ²División de Obstetricia y Ginecología, Pontificia Universidad Católica de Chile, ³Urogynecology Unit Sótero del Río Hospital. División de Obstetricia y Ginecología, Pontificia Universidad Católica de Chile
Presented By: Javier Pizarro-Berdichevsky, MD |
| Poster #NM221 | TVT EXACT® V/S KIM® SYSTEM SLINGS, COMPARISON OF THE EFFICACY IN THE TREATMENT OF FEMALE URINARY STRESS INCONTINENCE. | Fabiola Schlager¹, Gabriela Alarcón¹, Marcelo Mass-Lindenbaum², Javier Pizarro-Berdichevsky³
¹División de Obstetricia y Ginecología, Hospital Sótero del Río, Pontificia Universidad Catolica de Chile, ³Universidad de los Andes, Chile
Presented By: Javier Pizarro-Berdichevsky, MD |
| Poster #NM222 | WITHDRAWN |
| Poster #NM223 | URETHRAL BULKING IN THE IMMEDIATE POST-OPERATIVE PERIOD FOR THE TREATMENT OF STRESS URINARY INCONTINENCE AFTER PELVIC ORGAN PROLAPSE REPAIR | Rachael D. Sussman, Benoit Peyronnet, MD, Ricardo Palmerola, Christina Escobar, Victor Nitti
New York University
Presented By: Rachael D. Sussman, MD |
SCIENTIFIC PROGRAM

9:30 a.m. - 10:00 a.m.  Panel: How to Get a Novel Device FDA Approved*
Moderator: Raymond R. Rackley, MD
Panelists: Roger R. Dmochowski, MD, MMHC, FACS
          Kenneth M. Peters, MD
          Charles Viviano, MD, PhD
*Not CME Accredited

10:00 a.m. - 10:30 a.m.  Case Based Coding in FPMRS
Speaker: Mark N. Painter

10:30 a.m. - 11:00 a.m.  Point-Counterpoint: Asymptomatic Hematuria Guidelines
Moderator: Larissa V. Rodriguez, MD, FPMRS

   AUA
   Speaker: Deborah J. Lightner, MD

   AUGS
   Speaker: James Whiteside, MD, MA, FACOG, FACS

11:00 a.m. - 11:30 a.m.  ABU/MOC Update in FPMRS: Critical Issues
Speaker: Roger R. Dmochowski, MD, MMHC, FACS

11:30 a.m. - 12:00 p.m.  Peri-Operative Considerations in Complex FPMRS Patients
Moderator: Priya Padmanabhan, MD, MPH, FACS

   Obese
   Speaker: Doreen E. Chung, MD, FRCSC

   Frail/Elderly
   Speaker: Anne M. Suskind, MD, MS

   Anti Coagulation
   Speaker: Alana M. Murphy, MD

12:00 p.m. - 12:15 p.m.  Adjourn
2019 Annual Business Meeting Agenda

Society for Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction

Friday, March 1, 2019
8:00 a.m. – 8:30 a.m.

Call to Order – President, Kathleen C. Kobashi, MD, FACS

1. Approval of 2018 Minutes and Thank You to Program Chairs
2. Treasurer’s Report – Awards Committee Report
3. Membership Committee Report
4. Award Committee Report and 50th Anniversary Reception
5. Other
**2019 Fellows Forum**

Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction

*Not CME Accredited*

**Wednesday, February 27, 2019**

1:30 p.m. – 5:45 p.m.

*Please Note: Sessions 1 & 2 are held concurrently.*

**Location:** Junior Ballroom, Lobby Level

Speakers and times are subject to change.

1:30 p.m. – 1:35 p.m.  Welcome and Introduction
Michael E. Albo, MD

1:35 p.m. – 1:50 p.m.  Metrics of Performance- Quality, wRVUs, Academic Productivity, Teaching
Roger Dmochowski, MD

1:50 p.m. – 2:00 p.m.  Academic Practice- Balance of Clinical and Research Expectations
David Ginsberg, MD

2:00 p.m. – 2:10 p.m.  Private Practice/ Multispecialty Clinic
Elizabeth A. Miller, MD

2:10 p.m. – 2:20 p.m.  Choosing a Practice Model
Sandip P. Vasavada, MD

2:20 p.m. – 2:35 p.m.  Negotiating Contracts- What's Important?
Kathleen Kobashi, MD, MPH

2:35 p.m. – 2:55 p.m.  Getting a Job and the Beginning of Practice- What I Thought Then and What I Know Now
Elizabeth Brown, MD, MPH
Joshua Cohn, MD
Ekene Enemchukwu, MD, MPH
Paholo Romo, MD

2:55 p.m. – 3:05 p.m.  Q&A

3:05 p.m. – 3:20 p.m.  Break

3:20 p.m. – 5:40 p.m.  Fellow Abstract Presentations
(Group 1 and 2 are held concurrently)

**Group 1**
Moderator: Alvaro Lucioni, MD

**Group 2**
Moderator: Priya Padmanabhan, MD, MPH

5:40 p.m. – 5:45 p.m.  Wrap Up/Q & A
Breakout Group One
Location: Junior Ballroom, Lobby Level
Moderators: Alvaro Lucioni, MD

3:20 p.m. – 3:30 p.m.  Mashrin Chowdhury, DO
3:30 p.m. – 3:40 p.m.  Iryna Crescenze, MD
3:40 p.m. – 3:50 p.m.  Samir Derisavifard, MD
3:50 p.m. – 4:00 p.m.  Laura Giusto, MD
4:00 p.m. – 4:10 p.m.  Esther Han, DO
4:10 p.m. – 4:20 p.m.  Giulia Lane, MD
4:20 p.m. – 4:30 p.m.  Wai Lee, MD
4:30 p.m. – 4:40 p.m.  Samantha Raffee
4:40 p.m. – 4:50 p.m.  Tope Rude, MD
4:50 p.m. – 5:00 p.m.  Jessica Rueb, MD
5:00 p.m. – 5:10 p.m.  Whitney Smith, MD
5:10 p.m. – 5:20 p.m.  Shenelle Wilson, MD
5:20 p.m. – 5:30 p.m.  Patricia Zahner, MD
5:30 p.m. – 5:40 p.m.  Christine J. Horton, MD, MSCR

5:40 p.m. – 5:45 p.m.  Wrap Up/Q & A

Breakout Group Two
Location: Flagler Room, Lobby Level
Moderators: Priya Padmanabhan, MD, MPH

3:20 p.m. – 3:30 p.m.  Divya Ajay, MD, MPH
3:30 p.m. – 3:40 p.m.  Katie Amin, MD
3:40 p.m. – 3:50 p.m.  Sanchita Bose, MD
3:50 p.m. – 4:00 p.m.  Christina Escobar, MD
4:00 p.m. – 4:10 p.m.  Siobhan Hartigan, MD
4:10 p.m. – 4:20 p.m.  Deborah Hess, MD, MS
4:20 p.m. – 4:30 p.m.  Andrew Margules, MD
4:30 p.m. – 4:40 p.m.  Ricardo Palmerola, MD
4:40 p.m. – 4:50 p.m.  Dayron Rodriguez, MD, MPH
4:50 p.m. – 5:00 p.m.  Claudia Sevilla, MD
5:00 p.m. – 5:10 p.m.  Carrie Stewart, MD
5:10 p.m. – 5:20 p.m.  Rachael Sussman, MD
5:20 p.m. – 5:30 p.m.  Raveen Syan, MD

5:30 p.m. – 5:45 p.m.  Wrap Up/Q & A

Table of Contents
Tuesday, February 26, 2019
2:00 p.m. - 2:20 p.m.

BK CHANNEL REGULATION BY PDE’S IN HUMAN DETRUSOR SMOOTH MUSCLE
Wenkuan Xin, PhD
Southwest University
Chongqing, China

Outline of the talk

BK channels are important regulators for DSM excitability and contractility
- In detrusor smooth muscle (DSM) cells, the voltage- and Ca²⁺-activated K⁺ (BK) channels play an important role in maintaining the resting membrane potential and controlling the firing of action potentials of detrusor smooth muscle.
- Pharmacological inhibition of BK channels increases DSM myogenic phasic contractions. Impaired BK channel activity contributes to DO in patients with benign prostatic hyperplasia and patients with some types of neurogenic bladder dysfunction.

BK channels are regulated by cAMP-PKA signaling pathways.
- In DSM, BK channels are transiently activated by localized Ca²⁺ releases from the ryanodine receptors (RyRs), known as “Ca²⁺ sparks,” which generate transient BK currents (TBKCs) leading to the transient hyperpolarization of DSM.
- The activation of the cAMP/PKA pathway stimulates RyRs to release Ca²⁺ from the sarcoplasmic reticulum resulting in an increase in BK channel activity and hyperpolarization of the cell membrane potential.

Constitutive cAMP-PKA activity is essential for maintaining BK channel activity
- Constitutive PKA activity is fundamentally important for maintaining spontaneous TBKCs and cellular Ca²⁺ homeostasis in DSM cells as well as the spontaneous contractility of DSM.
- cAMP is an important intracellular second messenger mediating many physiological processes, including detrusor smooth muscle contractility.
- The cAMP-degradation phosphodiesterases keep cAMP at stable levels. PDEs are constitutively active and contribute to the maintenance of DSM spontaneous contractile activity.

The blockade of PDEs leads to the activation of BK channels and relaxation of DSM
- The pharmacological inhibition of PDEs increases cAMP in DSM cells leading to activation of PKA, increase in Ca²⁺ spark and TBKC activities.
- DSM response to PDE blockade includes DSM cell hyperpolarization, reduced intracellular Ca²⁺ levels, and decreased DSM contractility.
- PDE blockade can effectively suppress human DSM contractility primarily via BK channel activation.
Inhibitors for human DSM-specific PDEs could be an effective approach to reduce abnormal DSM contractility without the adverse effects of antimuscarinic drugs, the current main pharmacological treatment.
INFLUENCE OF STRESS ON AMYGDALA MODULATION OF BLADDER PAIN
Jennifer J. DeBerry, PhD

A prominent role for stress in the pathophysiology and presentation of chronic visceral pain conditions, including urologic chronic pelvic pain (UCPP), has been widely suggested by preclinical and clinical data. This has lead to in-depth studies over the past decade of the neural substrates mediating the relationship between stress and UCPP. Of the limbic brain structures, the amygdala is well established as an important site for imparting emotional valence to sensory stimuli, and acts as an integrator of emotion/affect and pain. Especially recently, work conducted as part of the Multidisciplinary Approach to the Study of Chronic Pelvic Pain (MAPP) network has underscored the importance of the amygdala in modulation of pain related to UCPP, which is frequently comorbid with psychological/psychiatric diagnoses.

Multiple nuclei within the amygdala participate in pain processing, including the lateral nucleus (LA) and basolateral nucleus (BLA) that together form a complex, and the central nucleus (CeA) that serves as the major output region for amygdala pain-related functions. For this reason, our studies of stress-related modulation of visceral pain by the amygdala have focused on the CeA. This presentation will present preclinical data characterizing the effects of acute and chronic stress in a rat model of bladder pain, the divergent role of the CeA in acute versus chronic stress-induced exacerbation of bladder pain, and clinically relevant factors that modify the role of the CeA in stress-induced bladder pain. In sum, preclinical models demonstrate a critical role for the amygdala in acute stress-related bladder pain, but this role appears to change or be diminished in a nervous system otherwise “altered” by chronic or preceding events.
Tuesday, February 26, 2019
4:10 p.m. - 4:30 p.m
NEUROMODULATION OF BLADDER PAIN BY THE CENTRAL AMYGDALA: IMPLICATION OF BASIC SCIENCES FINDINGS ON IMAGING DATA FROM PATIENTS
Benedict J. Kolber, PhD
Duquesne University, Chronic Pain Research Consortium

As with other chronic pain syndromes, many of the symptoms of urologic chronic pelvic pain (UCPP) syndromes, including persistent pain and high rates of psychiatric comorbidities, suggest these syndromes are mediated, in part, by central nervous system limbic areas. The peripheral nervous system plays a large role in urologic pain processing, but during the transition from acute to chronic bladder pain a network including the prefrontal cortex, anterior cingulate, hippocampus, and amygdala is likely recruited to sustain pain and modulate affect despite a lack of constant peripheral input. This presentation will focus on amygdala brain hemispheric lateralization as a unique aspect of limbic involvement in UCPP.

Lateralization of brain function has long been appreciated and exists across nearly all biological taxa. Interestingly, right hemisphere lateralization of the limbic system, including the amygdala, has been observed in birds and mammals (rodents, primates, etc) especially in the context of stress and injury. The status quo in pain research is that functional amygdala lateralization remains unexamined and, importantly, from a clinical perspective, unused. However, evidence from recent human studies, our recent publications, and our preliminary data lends strong support to the exciting hypothesis that functional amygdala lateralization is critical in visceral pain.

Nearly all of the recent imaging studies from the Multidisciplinary Approach to the Study of Chronic Pelvic Pain (MAPP) network have demonstrated significant lateralization in brain functional connectivity, gray matter changes, and white matter changes comparing UCPP patients to healthy controls or other visceral pain patients. These lateralized differences include structural and functional lateralization of the amygdala. The presence of such hemispheric differences suggests the existence of unique circuitry for the left and right amygdala that may change in the transition from acute to chronic bladder pain.

In this presentation, evidence of lateralization from MAPP studies will be put into the context of recent data from our studies of bladder pain in mice. Under naive conditions, the left amygdala produces an ongoing analgesic signal. This signal is then likely dampened following bladder injury. In contrast, the right amygdala is quiet under baseline conditions but is activated following bladder inflammation. The proposal will explore the possibility that combinations of left amygdala hypoactivity and right amygdala hyperactivity may predispose an individual to experience bladder pain and/or precipitate the transition from acute to chronic bladder pain. Such phenomena would suggest that exogenous activation of the left amygdala or inhibition of the right amygdala could serve as novel therapeutic strategies in the treatment of bladder pain.
ALTERED LIMBIC METABOLITE LEVELS AND FUNCTIONAL CONNECTIVITY IN PATIENTS WITH CHRONIC UROLOGIC PAIN
Daniel Harper, PhD

Mounting evidence from neuroimaging studies suggests an important role of the central nervous system in the pathogenesis of chronic pelvic pain conditions. This talk will primarily focus on two neuroimaging studies conducted by the Multidisciplinary Approach to the Study of Chronic Pelvic Pain (MAPP) Research Network that point to involvement of the limbic system in chronic pelvic pain conditions. A technique called resting state functional connectivity magnetic resonance imaging (fcMRI) can be implemented to study the strength of functional connections between brain regions while an individual is lying, at rest, in a magnetic resonance imaging (MRI) scanner. With fcMRI, one looks for correlations in the blood oxygenation level dependent (BOLD) signal of different regions (or networks) over time, with the idea that two areas whose BOLD signal increases and decreases simultaneously are functionally connected. Martucci et al. (2015) found that patients with urologic chronic pelvic pain syndrome (UCPPS) have increased functional connectivity between the posterior cingulate cortex and several limbic brain areas, including the hippocampus and amygdala, compared to age-matched control subjects without chronic pain. The altered connectivity was also associated with several phenotypic measures including pain levels, depression, and anxiety. In a subset of MAPP participants recruited through the University of Michigan site, Harper et al. (2018) utilized a different brain neuroimaging technique called proton magnetic resonance spectroscopy (1H-MRS) to determine if UCPPS patients exhibit abnormal concentrations of brain metabolites in regions involved in the processing and modulation of pain, including the anterior cingulate cortex (ACC) and the anterior and posterior insular cortices. Compared to a group of age-matched pain-free subjects, there were significantly higher levels of choline in the ACC of UCPPS patients. ACC choline levels were therefore compared with the region's resting functional connectivity to the rest of the brain. Higher choline was associated with greater ACC-to-limbic system functional connectivity in UCPPS patients, contrasted with lower connectivity in controls (i.e., an interaction). In patients, ACC choline levels were also positively correlated with negative mood. ACC γ-aminobutyric acid (GABA) levels were lower in UCPPS patients compared with controls, suggesting heightened excitatory tone. Low GABA levels have been identified in other pain syndromes like fibromyalgia and might contribute to CNS hyper-excitability in these conditions. The relationships between increased limbic system functional connectivity, ACC choline levels, and negative mood in UCPPS patients suggest that dysregulation of the limbic system may contribute some aspects of UCPPS.
Wednesday, February 27, 2019
2:25 p.m. - 2:45 p.m.

USING NOVEL CLUSTERING METHODS TO PHENOTYPE PATIENTS WITH LOWER URINARY TRACT SYMPTOMS
Victor P Andreev, PhD, DSc on behalf of LURN

Summary: Clustering methodology, including preprocessing of the data, choice of the clustering method, and cluster validation criteria, will be briefly discussed. Then, resampling-based consensus clustering used in the LURN study will be introduced.

Symptom-based clusters of women and men with LUTS will be presented, including symptoms signatures, pairwise comparison of the clusters across the variables used and not used for clustering, and comparison of the identified clusters with the conventional groups. Longitudinal stability of the identified clusters will be demonstrated. Further refinement of the clusters using other types of data from LURN, especially bladder diary data will be discussed. It will be followed by the conclusions, plans for the future, and advices on the use of the cluster methodology.
Thursday, February 28, 2019
10:00 a.m. - 10:30 a.m.

**Speaker type:** Panelist  
**Session:** Panel: Salvaging a Neuromodulation Implant  
**Title:** When to Reprogram It

Sacral neuromodulation is an effective treatment for refractory bladder and bowel dysfunction. As with many mechanical and electrical devices adjustments need to be made from time to time. There are many scenarios when reprogramming the IPG might be advised. Many patients will need different programs from those given on the day of implantation due to level of awareness, position, or hematoma for example. Over time, as pseudocapsule can form around the electrodes resulting in increased impedance and the need to reprogram. Changes in the position of the lead due to migration may also be overcome by reprogramming the SNM system. In this panel discussion, we will review different scenarios whereby reprogramming may salvage and improve the outcomes of a neuromodulation implant.

Dean S. Elterman, MD, MSc, FRCSC  
Urologic Surgeon & Assistant Professor  
Division of Urology, University Health Network  
Department of Surgery, University of Toronto  
Clinician Investigator, Krembil Research Institute
VAGINAL PESSARY AS A CONSERVATIVE MANAGEMENT OPTION FOR PELVIC ORGAN PROLAPSE IN MEDITERRANEAN WOMEN
Diaa Rizk, MSc, FRCOG, FRCS, MD
College of Medicine and Medical Sciences, Arabian Gulf University; Manama, Bahrain

Introduction: Pelvic organ prolapse (POP) must be addressed from a broader outlook that falls in the health status/roles of women which depends on the cultural factors determining the individuals’ attitudes towards health and their behavior in seeking health care.

Objectives: Urogynaecological care in Mediterranean countries is characterized by infrequent involvement of primary health care providers and under-utilization of formal and public health services even when available because of perceived low quality of care. Vaginal pessary treatment is indicated for all stages of POP and POP during pregnancy (Level II and III data). Vaginal pessary was discovered in the Mediterranean region- the Egyptians were the first to describe POP and vaginal pessary was a known treatment. There are, however, very few studies in the literature (English/non-English) regarding pessary use for treatment of POP in Mediterranean women and only from a few countries. These studies will be reviewed.

Methods: The five published studies from Spain, Italy, Greece, France and Turkey will be presented and discussed.

Results: Despite moderate cost and safety, vaginal pessary remains relatively unknown in Mediterranean countries as an alternative treatment option for non-pregnant women with POP. When vaginal pessary was used in this population, higher continuation (80-90%) and adverse events (30%) rates were reported than those in other women. Vaginal pessary, however, is mostly used in Mediterranean countries as a temporary measure to relieve POP during pregnancy.

Conclusions: Expert medical advice to Mediterranean women is necessary to correct misconceptions and improve health literacy about the use of vaginal pessary for treatment of POP, particularly the effectiveness, safety, device care and follow-up in non-pregnant women. Education and training of primary health care providers working in Mediterranean countries on normal pelvic floor support as well as the indications and technique of pessary fitting and removal is required. Further epidemiological research on Mediterranean women is important to evaluate their perceptions, knowledge level and acceptance of vaginal pessaries as a conservative treatment option for POP.

Funding: None
Thursday, February 28, 2019
3:10 p.m. - 3:30 p.m

STATE OF THE ART LECTURES: VULVAR DISORDERS
Hope K. Haefner, MD
Professor of Obstetrics and Gynecology
Co-Director, The University of Michigan Center for Vulvar Diseases
Michigan Medicine

Additional information available at:
https://medicine.umich.edu/dept/obgyn/patient-care-services/womens-health-library/center-vulvar-diseases/resources-providers
or search Google for Resources for Providers University of Michigan
haefner@med.umich.edu

A variety of dermatologic conditions affect the vulva and the vagina. It is important to become familiar with the appearances and treatments of the numerous vulvovaginal conditions that you may see in your patients. The topics to be covered include vulvar lichen sclerosus, vulvovaginal lichen planus, and a variety of surgical procedures including vestibulectomies and V to Y flaps. Up to date treatments will be discussed.

Nonneoplastic Epithelial Disorders

<table>
<thead>
<tr>
<th>1975-1986</th>
<th>1987-present</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lichen sclerosus et atrophicus</td>
<td>Lichen sclerosus</td>
</tr>
<tr>
<td>Hyperplastic dystrophy</td>
<td>Squamous cell hyperplasia/lichen simplex chronicus</td>
</tr>
<tr>
<td>Mixed dystrophy</td>
<td>Other dermatoses</td>
</tr>
</tbody>
</table>

LICHEN SCLEROSUS (LS) – is chronic, autoimmune disease affecting the genital skin causing whiteness, tissue thinning, and scarring. It is one of the most common chronic vulvar conditions.

Treatment for vulvar lichen sclerosus- A variety of topical steroid regimens exist. Two common regimens are discussed below.

1. Clobetasol propionate or halobetasol 0.05% ointment qd to bid for 8-12 weeks is utilized. The goal is to have the tissue become as normal as possible – not just for symptom control. However, scarring often persists. If doing well, decrease application to M-W-F or 1-2 times a week.

2. Clobetasol propionate 0.05% ointment bid x 1 month, then qhs x 2 months, then decrease to a mid dose topical steroid, such as triamcinolone acetonide 0.1% ointment nightly, with decrease over time to triamcinolone acetonide 0.025% ointment nightly, when possible.

- Follow up at 6 month intervals. Duration of treatment: lifelong
- Treat associated Candida or secondary bacterial infection
- Stop scratching as this keeps LS active. Give 10 mg of hydroxyzine or doxepin at 6 to 7 PM to stop nightly scratching.
- For thick lichen sclerosus consider intrallesional steroid (triamcinolone 3.3 to 10 mg/mL into thickened area. Dilute with sterile normal saline from a vial if needed). Dose dependent on the location and thickness of the skin that is being injected. Maximum dose that can be used over the entire vulva is 40 mg. This can be repeated every 3 weeks to monthly for 2-3 months.
- If constantly scratching, use oral prednisone. Generally, start with prednisone 40 mg po q am for 5 days, then 20 mg po q am for 10 days. At times a 3-week taper may be required.
- If not improving, IM triamcinolone 1 mg/kg up to 80 mg/dose maximum, can be given into the gluteus muscle. This IM treatment can be repeated once a month for up to 3 months.
- Consider topical estrogen 3-5 days / week (apply to vestibule in am) to optimize tissue thickness and improve barrier function.
- Tacrolimus 0.1% ointment and pimecrolimus 1% cream have been used for the treatment of vulvar lichen sclerosus. Burning may occur with these medications.

LICHEN PLANUS (LP)
Lichen planus is an autoimmune, mucocutaneous hypersensitivity disorder with altered cell mediated immunity in older women affecting the skin and mucous membranes. Erosive (vulvovaginal gingival syndrome) is the most common pattern on the vulva and vagina. Patients often present with a desquamative vaginitis, variable erosions plus atrophy, pain, burning and irritation rather than itching. The skin of the vulva tends to have a glazed erythema. This disease is often resistant to treatment.

Treatments for erosive vulvovaginal lichen planus: Vulvar care measures-Stop irritants, obtain pain control, use bland therapy for ulcers

Medications

- Super potent steroid ointment (clobetasol) topically once to twice a day.
- Intrallesional steroid – triamcinolone 3.3 up to 10 mg/mL q 3-4 wks x 3 (do not give high dose in small area-erosions as ulcers may occur). Never use over 40 mg over the entire vulva.
- Intravaginal steroid – 25 mg hydrocortisone suppository or rectal cream (per vagina) to 200 mg compounded cream or suppository qhs (if using high dose steroids, use for short term use, then gradually decrease the dose).
- If severe – hydrocortisone acetate 10% compounded in a Replens like base –3 to 5 grams (300 mg to 500mg/dose) nightly for 14 days, then 3 nights a week; continue to decrease dose as per response.
- IM Triamcinolone (Kenalog 40) 1 mg/kg into gluteus muscle every 4 weeks for 3 doses (dose up to a maximum of 80 mg total per dose). Repeat monthly for up to 3 months.
- Prednisone 30-60 mg po a day with taper (consider starting with dosing above used for LS).
- Methotrexate 5 -15 mg po or subcutaneously in abdomen or thigh, once a week with folate 2 mg daily.
- Mycophenolate mofetil 250 mg po/day, building up to 3gm/day (pregnancy must be prevented).
- Hydroxychloroquine 200 mg po bid.
- Acitretin 10 to 20 mg po 3-7 days a week with fatty food for erosive disease. Counsel on no pregnancy as this is a teratogen. (see above for lichen sclerosus).
- Cyclosporine 3-4 mg / kg po per day.
- Azothioprine – 50-100 mg po bid.
- Adalimumab 80 mg sq then 40 mg sq every 2 weeks.

**Other medications**
- Clobetasol propionate 0.05% ointment vaginally using 1-2 grams nightly via a “Premarin type applicator”
- Clobetasol propionate 0.05% ointment/Nystatin 100,000 units/gram/3% oxy-tetracycline in cream base.
- Pimecrolimus (Elidel) 1% cream bid for mild LP.
- Topical tacrolimus (Protopic) 0.03 or 0.1% ointment (tends to burn the skin however) as a steroid sparer.
- Etanercept.

Patient education and support needed

Dilators required if intravaginal disease to prevent and at times, treat adhesions.

Nighttime sedation if needed.

Surgery for scarring followed by intravaginal treatment with steroids is required at times.

Other topics to be discussed include vestibulectomy with vaginal advancement for pain localized to the vestibule that has failed adequate non-surgical treatments and V to Y flaps. V to Y flaps are used for a variety of precancerous as well as malignant conditions.

**Summary**: An overview of the different types of vulvovaginal conditions has been given. Many vulvar conditions must be considered when a patient complains of vaginal discharge and vulvovaginal itching. It is important to remember.

**IF TREATMENT IS NOT WORKING, RECONSIDER THE DIAGNOSIS.**
Thursday, February 28, 2019
3:30 p.m. - 4:00 p.m.

ULCERS (HUNNER LESIONS) THAT RECUR AFTER FULGURATION
Kristene E. Whitmore, MD

Hunner Lesion (HL):
- Prevalence 5-57%.
- Older age, smaller bladder capacity, more severe symptoms.
- Symptoms: bladder-centric.
- Cystoscopy under local anesthesia rules out confusable diseases.
- Cystoscopy under anesthesia with hydrodistention and redistention standard for diagnosis.

Reddened mucosal area with small vessels radiating towards a central scar, splitting at distension, usually associated with a waterfall bleeding pattern. Biopsy: from the inflamed area shows inflammatory infiltrates, granulation tissue, detrusor mastocytosis, and fibrin deposits.

Markers: The following are increased in HL IC as compared to non-HL disease: Mast cell density, Nitric oxide, Macrophage migration inhibitory factor, and Urinary pro-inflammatory gene expression.

Treatment of HL: Ablation of HLs includes transurethral resection of lesions, fulguration, laser ablation, and cortical steroid injections and are standard treatments. Transcutaneous Electrical Nerve Stimulation (TENS) and cyclosporine A have been shown to be more effective in HL IC.

When fulguration of HLs fails:
- Repeat ablation or use an alternative modality— TUR, fulguration, laser, corticosteroid injection.
  - TUR HLs:
    - Hunner (1915): 4 of 5 patients improved.
    - Fall (1985): decreased pain in 30/30 patients, decreased frequency in 21/30.
    - Peeker (2000): 40% of 103 patients had 3 years of relief of Sxs, re-resection resulted in 259 procedures.
  - Fulguration HLs:
    - Payne (2009): 76% improvement in 14 patients, 4 required up to 4 repeat treatments with 27.8 months F/U.
    - Kajiwara (2014): 23 patients with an mean of 4.5 HLs, 6 patients had repeat procedures, 22 months F/U. 91.3% >50% decrease in pain.
    - Chennamesetty (2015): 76 patients, 69% with 2.98 Rxs 14.52 months apart, 89% improved, bladder capacity maintained, EC most effective treatment.
  - Laser ablation of HLs:
    - Rofeim (2007): 24 patients with initial relief, 11 had 1-4 additional treatments, F/U 23 months.
  - Corticosteroid injections:
    - Cox (2009): 30 patients had 400mg triamcinolone acetate injected into HL, 21 of 30 patients had 70% improvement without adverse events.
  - Laser ablation of HLs:
    - Rofeim (2007): 24 patients with initial relief, 11 had 1-4 additional treatments, F/U 23 months.

Cyclosporine A: Ehren (2013): Nitric oxide evaporation was decreased in 10 patients.

Resume multi-modal therapy treating all pain generators at once—bladder, skin, muscles, bowel, nerves, pelvis.

Transcutaneous Electrical Nerve Stimulation (TENS):
- Fall (1985): HL patients had a better and sustained response.

Botox injection:
- Intra-vesical Botox injection:
  - Caution secondary to possibility of urinary retention and possible perforation.
  - Lee (2013): 10 of 44 patients with HLs had no improvement after 100 units Botox A intravesical injection.

Sacral nerve stimulation:
- Although efficacious in treating IC/BPS, the literature does distinguish between HL and nonHL disease.

Cystoplasty/ urinary diversion:
- Long term F/U shows significant morbidity.

Conclusions:
- HL IC is clinically and pathologically different from non-HL disease.
- Response to treatment modalities are also different.
- An International Registry is needed to aid in diagnosis.
- Prospective studies comparing HL and non-HL patients are needed.
- The treatment of HLs is 100 hundred years old but needs a facelift.
Thursday, February 28, 2019
4:00 p.m. - 5:00 p.m.

COMPLEX NEUROMODULATION: HOW TO HANDLE THE TOUGH CASES SUFU COURSE 2019
Director: Jason P. Gilleran, MD
Panelists: Christopher S. Gomez, MD
Ryan M. Krin, MD
Sarah E. McAchran, MD, FACS

1. Patient Selection
   a. Off Label Indications
2. Sacral Neuromodulation Cases
   a. Body Habitus challenges
   b. Prior lumbar Surgery
   c. Prior sacral surgery / congenital abnormalities / trauma
   d. Use of EMG
3. Pudendal Neuromodulation Cases
   a. Patient Selection
   b. Positioning
   c. EMG
4. Troubleshooting and Revision
   a. Removal of prior leads, ghost leads
   b. Concomitant removal
   c. Infections
   d. IPG issues
      i. Rotation / Torsion
      ii. Pain at site
Thursday, February 28, 2019
4:00 p.m. - 5:00 p.m.

OFFICE BASED FEMALE UROLOGY: CUTTING EDGE CONCEPTS
Michael J. Kennelly, MD
Carolinas Healthcare System

1. Introduction, session overview Michael Kennelly, MD
2. Concierge Medicine – Non-Medicare/No Private insurance Christopher K. Payne, MD
3. Cash Based Treatments - Implementing into Practice Michael Scott Ingber, MD
   a. Genitourinary Symptoms of Menopause –
      i. Laser/Radio Frequency: Mona Lisa Touch, Thermi-VA, Viveve, Diva, etc.
      b. Urinary incontinence treatments
      i. BTL Emsella
4. Development of Aesthetics & Wellness Center Andrea Pezzella, MD
   i. Laser Hair removal, SculpSure, Hormone replacement therapy, Botox and Fillers, HCG weigh loss
5. Q & A Faculty
Friday, March 01, 2019  
9:45 a.m. - 10:00 a.m.

State Of The Art: Opioid Use In FPMRS – Where Are We At In 2019?  
Nitya Abraham, MD

Life expectancy in the US has decreased for the third year in a row. A rise in death rates due to drug overdose is one of the contributing factors. 19,354 men and women died from opioid drug overdose in 2017. This is relevant to surgeons since about 1/3 of prescriptions written by surgeons are for opioids. Overprescription of opioids after FPMRS surgery has been documented in several studies. Data on actual opioid use after FPMRS surgery can now guide how many opioid tablets to prescribe. Initiatives to decrease opioid use after surgery include non-opioid systemic therapies, regional anesthetics, and local anesthetics. Systemic therapies include acetaminophen, nonsteroidal anti-inflammatory drugs, GABA analogues, and dexamethasone. Regional anesthetics include transversus abdominis plane (TAP) block and intraperitoneal local anesthetic (IPLA). Local anesthetics include lidocaine, bupivicaine, and ropivicaine injected in the incision. Multimodal analgesia can decrease opioid requirements after surgery. Counseling on proper disposal of excess opioids can avert misuse by others. Together, these initiatives can improve patient care and help address prescription opioid drug overdose deaths.
WHAT’S KEEPING YOU UP AT NIGHT? AN UPDATE ON NOCTURIA
Jeffrey P. Weiss, MD, FACS
Professor and Chair, Department of Urology
SUNY Downstate College of Medicine
Brooklyn, NY

- Causes of nocturia
- Diary analysis
  - Nocturia categories
    - Nocturnal polyuria
      - Congestive heart failure
      - Diabetes mellitus
      - Obstructive sleep apnea
      - Peripheral edema
      - Excessive nighttime fluid intake
      - Nocturnal polyuria syndrome
      - Non-dipping nocturnal BP
    - Low bladder capacity
      - Prostatic obstruction
      - Nocturnal detrusor overactivity
      - Neurogenic bladder
      - Cancer of bladder, prostate, or urethra
      - Learned voiding dysfunction
      - Anxiety disorders
      - Pharmacologic agents
      - Bladder calculi
      - Ureteral calculi
    - Global polyuria
      - Diabetes mellitus
      - Diabetes insipidus
      - Primary polydipsia

- 24 hour vs nocturnal-only voiding diaries
- Nocturnal detrusor overactivity
- Relationship between urge perception, voided volume and diuresis rate
- Knowledge concerning behavioral, medical and lifestyle interventions for nocturia
- Antidiuretics:
  - Indications
  - Desmopressin
- Nocturia in Guidelines
- Nocturia and hypertension
  - Relationship to specific diuretics
- Differential nocturnal diuresis rates among patients with and without the Nocturnal Polyuria Syndrome
- Overall Nocturia diagnostic algorithm
Friday, March 01, 2019
1:50 p.m. - 2:15 p.m.

Expert Surgical Theater: Detailed Surgical Discussion of Surgical Technique - Vaginal Apical Suspensions
Title: Sacrospinous Fixation
Larry T. Sirls, MD

This video will demonstrate the technique of sacrospinous ligament suspension. We will demonstrate routes to access the SSL, my preferred technique to place a suture in the ligament, and specific anatomy concerns and technical tips.
HOMIUM LASER ENUCLEATION OF THE PROSTATE (HOLEP)
Akhil K. Das, MD

The new guidelines from the American Urological Association (AUA) on benign prostatic hyperplasia (BPH) state that holmium laser enucleation of the prostate (HoLEP) procedure is one of two transurethral minimally invasive treatment that is prostate size independent. The other minimally invasive treatment for BPH that is size independent is Thulium enucleation of the prostate or ThuLEP. HoLEP is the most common enucleating procedure performed in the United States. HoLEP is arguably become the new “gold standard” for the surgical management of benign prostatic hyperplasia (BPH).

HoLEP is an endoscopic equivalent to simple open prostatectomy providing superior results to transurethral resection of the prostate (TURP) and open prostatectomy. The technique initially involves an incision at the 5 and 7 o’clock incisions to surgical capsule of the prostate. Next, the median lobe is enucleated off the surgical capsule. Next, a bladder neck incision is made at the 12 o’clock positions. These bladder neck incisions are made from the bladder neck to the verumontanum. The 12 o’clock incision is connected to the 5 o’clock incision is connected at the apex, and the left lateral lobe is enucleated off the capsule. Similarly, connecting the 12 o’clock incision to the 7 o’clock incision at the apex, the right lateral lobe is enucleated off the surgical capsule. Once all the lobes are enucleated, the tissue is removed via endoscopic soft tissue morcellator placed through a nephroscope.

In several randomized prospective multicenter trials, HoLEP procedure has a decreased risk of blood transfusion, shorter catheter times (less than 20 hours), shorter hospital stays (less than 24 hours) and better reduction of bladder outlet obstruction (on urodynamics) compared to TURP. In addition, HoLEP’s durability of the relief of symptoms is superior to TURP and is comparable to open prostatectomy, currently the best for durability. In multiple publications, HoLEP can be performed in patients on anticoagulation. The advantages of HoLEP become more significant when treating patients with prostates greater than 100 grams. Traditionally, these patients would undergo an open prostatectomy as the surgical treatment for their symptomatic BPH but with the HoLEP technique, the surgeon can provide an incision-free procedure that can potentially be done in an outpatient setting. In fact, HoLEPs for large prostates, greater than 250 grams, have been performed and reported from multiple institutions. HoLEP procedure benefits the patient by providing a minimally invasive alternative to open prostatectomy with reduced risk of blood transfusions, similar relief of obstruction, shorter catheter times, and a quicker recovery to normal function.

The challenge for many surgeons adapting the HoLEP technique is the steep learning curve associated with this procedure often requiring more than 50 cases to become proficient for medium sized glands. HoLEPs for larger glands does require more experienced HoLEP surgeons. The other prohibitive factor preventing HoLEP technique becoming mainstream is that the technique is equipment intensive requiring a high-powered holmium laser and endoscopic transurethral morcellator. Incidentally, there has been improvement in both the holmium laser technology and the morcellator technology that may help shorten the learning curve. The learning curve can also be shortened if the surgeon has this technique available to learn during his/her surgical training period. Other ideas have also helped shorten the learning curve including reviewing how to YouTube videos, on-site visits to high volume HoLEP centers, and starting with smaller prostates.

HoLEP technique, initially described first in 1998, has seen resurgence in interest in the urologic community. According the literature, HoLEP is proven technique that is prostate size independent with excellent outcomes. At this time, HoLEPs are only done by small number of surgeons at high volume centers. There has been an increase in the number of training programs that have added the HoLEP procedure to their training module and thus increasing the number of surgeons performing HoLEPs in the community.
Manage your schedule
Download the free app

Scan the QR code or enter the URL in your device browser to download

Enter your event code below:

**SUFU 2019 Winter Meeting**

Find Event

Apple
Download on the App Store
http://ativ.me/4dd

Google Play
Get it on Google Play
http://ativ.me/googleplay

For all other devices
Web Version
http://ativ.me/ns6