**SUFU 2020 Winter Meeting | February 25 – 29, 2020**

JW Marriott Scottsdale Camelback Inn | Scottsdale, Arizona

**PROGRAM COMMITTEE**

<table>
<thead>
<tr>
<th>Chair/Co-Chair</th>
<th>Name</th>
</tr>
</thead>
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<tr>
<td>Chair</td>
<td>Sandip P. Vasavada, MD</td>
</tr>
<tr>
<td>Co-Chair</td>
<td>Howard B. Goldman, MD, FACS</td>
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<tr>
<td></td>
<td>Polina Reyblat, MD</td>
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<tr>
<td></td>
<td>Nirit Rosenblum, MD</td>
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<tr>
<td></td>
<td>David Sussman, MD</td>
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<tr>
<td></td>
<td>H. Henry Lai, MD (Basic Science Committee Chair)</td>
</tr>
<tr>
<td></td>
<td>Maryrose P. Sullivan, PhD (Basic Science Committee Co-Chair)</td>
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**JOINTLY PROVIDED BY:** Creighton University Health Sciences Continuing Education and the Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction

#SUFU20
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Dear SUFU Members,

This year, we embark on the second half century of SUFU after celebrating the 50th anniversary of our society last year in Miami. Each year the program planning committee strives to keep a fresh program that encompasses the latest of learning techniques that our membership needs to stay current. This year we will feature not only the cutting edge basic science sessions that our society is known for, but also the latest in controversies in neuromodulation, urinary incontinence and prolapse surgery. We will accomplish this with enhanced use of case discussions, point-counterpoint and debate sessions. Again, this year, we will have "expert surgical theaters" where surgeons will highlight nuances of robotic sacrocolpopexy, male sling and BPH therapies. We will continue to stress aspects of practice management that can enhance our day to day lives and this year we will feature breakouts on office based practice and use of patient navigators as well as how the future of independent practice looks. These breakout sessions are led by some visionaries in the field of urology and promise to be both informational and entertaining. As always, the scientific portions of the meeting will be full of the latest research in FPMRS in poster and podium formats we added more moderated posters for presentation in "open moderated sessions" to enhance a more casual feel to some of the scientific sessions. The entire executive committee and program planning committees of SUFU welcomes you to sunny Scottsdale for another fantastic meeting.

Sandip Vasavada, MD (Vice President and Clinical Program Chair)
Kathleen Kobashi, MD (President)
David Ginsberg, MD (Secretary/Treasurer)
Henry Lai, MD (Basic Science Program Chair)
We thank each reviewer for the timely review of the abstracts and for conforming to the scoring grid. We gratefully acknowledge the participation of:

**Abstract Reviewers**

A. Lenore Ackerman, MD, PhD  
Katie N. Ballert, MD  
Anne P. Cameron, MD, FPMRS  
Lysanne Campeau, MDCM, PhD, FRCSC  
Maude Carmel, MD  
Christopher J. Chermansky, MD  
Julie Christianson, PhD  
Doreen Chung, MD  
Lindsey Cox, MD  
Vivian Cristofaro, PhD  
Benjamin Dillon, MD  
Karyn Elber, MD  
Dean Elterman, MD, MSc, FRCSC  
Brian Flynn, MD  
Matthew O. Fraser, PhD  
Jason Gilleran, MD  
Alexander Gomelsky, MD  
Priyanka Gupta, MD  
Adonis K. Hijaz, MD  
Daniel Hoffman, MD  
Richard Kershon, MD  
Aqsa Khan, MD  
Rose Khavari, MD  
Jason Kim, MD  
Sang Don Koh, MD, PhD

H. Henry Lai, MD  
John P. Lavelle, MD, FRCSI  
Nikki Le, MD  
Sara Lenherr, MD  
Ayman Mahdy, MD, PhD  
John Malysz, PhD  
Kurt McCammon, MD  
Arthur Mourtzinos, MD  
Alana Murphy, MD  
Andrew Peterson, MD  
Georgi V. Petkov, PhD  
Javier Pizarro-Berdichevsky, MD  
Michel A. Pontari, MD  
CR Powell, MD  
Larissa V. Rodriguez, MD, FPMRS  
Kamran Sajadi, MD  
Yahir Santiago-Lastra, MD  
John Speich, PhD  
Maryrose P. Sullivan, PhD  
Anne Suskind, MD  
Elizabeth Takacs, MD  
Tracey Wilson, MD  
Yingchun Zhang, PhD  
Jack Zuckerman, MD

We would also like to thank the 2020 SUFU Video Award Review Committee:

**2020 SUFU Video Award Review Committee**

Toby C. Chai, MD (Chair)  
Christopher S. Elliott, MD, PhD  
Aqsa Khan, MD  
Javier Pizarro-Berdichevsky, MD  
Steven Weissbart, MD

Lastly, we would also like to thank the 2020 SUFU Essay Competition Reviewers:

**Basic Science Essay Reviewers**

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

**Clinical Essay Reviewers**

Christian Twiss, MD  
Christopher Elliott, MD, PhD  
E. Brook Brown, MD, MPH
### TUESDAY, FEBRUARY 25, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 a.m. - 5:00 p.m.</td>
<td>Registration/Information Desk - Arizona Ballroom North Registration Desk, West Foyer</td>
</tr>
<tr>
<td>11:00 a.m. - 5:00 p.m.</td>
<td>Speaker Ready Room - Arizona Ballroom South Registration Desk, West Foyer</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Panel 1: Preclinical Evaluation of Lower Urinary Tract Physiology and Pharmacology</td>
</tr>
<tr>
<td>2:35 p.m.</td>
<td>Keynote Lecture: Visceral Pain - Sense and Hypersense</td>
</tr>
<tr>
<td>3:35 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>3:50 p.m.</td>
<td>Panel 2: Showcasing Young Investigators in Basic Research</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>
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### WEDNESDAY, FEBRUARY 26, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. - 6:30 p.m.</td>
<td>Registration/Information Desk - Arizona Ballroom North Registration Desk, West Foyer</td>
</tr>
<tr>
<td>7:00 a.m. - 6:30 p.m.</td>
<td>Speaker Ready Room - Arizona Ballroom South Registration Desk, West Foyer</td>
</tr>
<tr>
<td>7:30 a.m. - 8:30 a.m.</td>
<td>Break</td>
</tr>
<tr>
<td>12:20 a.m. - 1:20 p.m.</td>
<td>Industry Sponsored Lunch Symposium - Paradise Ballroom, Salon 6-8</td>
</tr>
<tr>
<td>1:30 p.m. - 5:30 p.m.</td>
<td>Fellows Forum* - Paradise Ballroom, Salon 3 (Participating Fellows Only)</td>
</tr>
<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td>Urology Fellowship Program Director’s Meeting - Paradise Ballroom, Salon 1</td>
</tr>
<tr>
<td>7:00 p.m. - 8:30 p.m.</td>
<td>Welcome Reception with Industry Partners - Arizona Ballroom H-N, South</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Welcome</td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td>Panel 3: The Urethra</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Break</td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Keynote Lecture: Ode to the Urethra: Uncovering Flaws in Current Continence Theories</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>Industry Sponsored Lunch Symposium - Paradise Ballroom, Salon 6-8</td>
</tr>
<tr>
<td>1:20 p.m.</td>
<td>2020 Basic Science Prize Essay Award Presentation</td>
</tr>
<tr>
<td>1:35 p.m.</td>
<td>Panel 4: Autonomic Dysregulation</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>3:15 p.m.</td>
<td>Panel 5: Metabolic Syndrome and Diabetes</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>
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### THURSDAY, FEBRUARY 27, 2020

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<th>Time</th>
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<tr>
<td>6:30 a.m. - 6:30 p.m.</td>
<td>Registration/Information Desk - Arizona Ballroom North Registration Desk, West Foyer</td>
</tr>
<tr>
<td>6:30 a.m. - 6:30 p.m.</td>
<td>Speaker Ready Room - Arizona Ballroom South Registration Desk, West Foyer</td>
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<tr>
<td>6:30 a.m. - 3:30 p.m.</td>
<td>Exhibit Hall Open - Arizona Ballroom H-N, South</td>
</tr>
<tr>
<td>6:25 a.m. - 7:25 a.m.</td>
<td>Industry Sponsored Breakfast Symposium - Paradise Ballroom, Salon 3</td>
</tr>
<tr>
<td>6:45 a.m. - 7:30 a.m.</td>
<td>Residents and Fellows Breakfast - Paradise Ballroom, Salon 1-2</td>
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<tr>
<td>12:00 p.m. - 1:00 p.m.</td>
<td>Industry Sponsored Lunch Symposium - Paradise Ballroom, Salon 3</td>
</tr>
<tr>
<td>7:25 a.m.</td>
<td>Introduction*</td>
</tr>
<tr>
<td>7:30 a.m.</td>
<td>State-of-the-Art Lecture: How Biomechanics Research has Improved Native Tissue Repair Success</td>
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<tr>
<td>7:50 a.m.</td>
<td>SUFU Award Presentations*</td>
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<tr>
<td>8:00 a.m.</td>
<td>Point-Counterpoint: The Failed Sling Patient: What Sling to Do Next?</td>
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<tr>
<td>8:20 a.m.</td>
<td>Point-Counterpoint: Neuromodulation: Where Should We Place the Lead?</td>
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<tr>
<td>8:40 a.m.</td>
<td>Point-Counterpoint: Interstitial Cystitis/BPS</td>
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<tr>
<td>9:00 a.m.</td>
<td>Panel: Optimal Follow Up of the Neurogenic Bladder Patient Case Based</td>
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<td>9:30 a.m.</td>
<td>Break - Visit with Exhibitors - Arizona Ballroom H-N, South</td>
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<tr>
<td>10:00 a.m.</td>
<td>Panel: Recurrent UTI’s What Have the Guidelines Taught Us?</td>
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<tr>
<td>10:30 a.m.</td>
<td>Expert Surgical Theater Robotic Sacrocolpopexy: Steps, Missteps and Solutions</td>
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<tr>
<td>11:10 a.m.</td>
<td>SUFU Foundation Grant Presentation</td>
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<tr>
<td>11:25 a.m.</td>
<td>Enhanced Recovery After Surgery in FPMRS</td>
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<td>11:40 a.m.</td>
<td>NASC Award Presentation</td>
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<td>Diokno-Lapides Award Presentation</td>
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<td>12:00 p.m.</td>
<td>Industry Sponsored Lunch Symposium - Paradise Ballroom, Salon 3</td>
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<tr>
<td>1:00 p.m.</td>
<td>IC/Pelvic Pain/Geriatrics/BPH Podium Session</td>
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<tr>
<td>1:00 p.m.</td>
<td>LUTS/Voiding Dysfunction/Neurogenic Bladder</td>
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<tr>
<td>1:00 p.m.</td>
<td>Moderated Poster Session</td>
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<tr>
<td>1:00 p.m.</td>
<td>Paradise Ballroom, Salon 7-8</td>
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<tr>
<td>2:20 p.m.</td>
<td>Blaivas Lectureship: Lifetime Achievement Award Winner</td>
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*All sessions will be located in Arizona Ballroom, Salons A-G unless otherwise noted.*
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<td>2:30 p.m.</td>
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<td>Arizona Ballroom H-N, South</td>
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<td>3:00 p.m.</td>
<td>The Incontinent, Radiated Bladder Neck in Males: What to Do?</td>
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<tr>
<td>3:20 p.m.</td>
<td>Panel: Urologic Issues in Pregnancy</td>
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<td>4:00 p.m.</td>
<td><strong>BREAKOUT SESSION</strong></td>
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<tr>
<td>4:00 p.m.</td>
<td>1. Enhancements to Office Based Female Pelvic Medicine/Reconstructive Practice</td>
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<tr>
<td>4:00 p.m.</td>
<td>2. Neuromodulation: Challenging Cases, What to do Next?</td>
<td>Paradise Ballroom, Salon 4</td>
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<td><strong>BREAKOUT SESSION</strong></td>
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<td>3. Amplifying Your Digital Footprint</td>
<td>Paradise Ballroom, Salon 1</td>
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<td>Male Incontinence/Urology/Urodynamic Podium Session</td>
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<td>5:00 p.m.</td>
<td>Female Urology/Incontinence Moderated Poster Session</td>
<td>Paradise Ballroom, Salon 7-8</td>
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<td>Open-Moderated Poster Session</td>
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<tr>
<td></td>
<td>Female Urology/Incontinence Non-Moderated Poster Session +</td>
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<td></td>
<td>West Pre-Function</td>
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<tr>
<td>6:10 a.m.</td>
<td><strong>BREAKOUT SESSION</strong></td>
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<tr>
<td>6:10 p.m.</td>
<td>1. Meeting the Challenges of an Independent Urology Practice: What are the Future Options?</td>
<td>Paradise Ballroom, Salon 1</td>
</tr>
<tr>
<td>6:10 p.m.</td>
<td>2. Advanced Urodynamics</td>
<td>Paradise Ballroom, Salon 4</td>
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<tr>
<td>6:10 p.m.</td>
<td>3. Complex Cases in FPMRS (Bring Your Toughest Cases to Our Panel)</td>
<td>Paradise Ballroom, Salon 1</td>
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<td></td>
<td>Cocktail Hour - Awards Recognition in Exhibit Hall</td>
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**FRIDAY, FEBRUARY 28, 2020**

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<tr>
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<th>Location</th>
</tr>
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<td>5:45 a.m.</td>
<td>BollyX - Paradise Ballroom, Salon 3</td>
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<tr>
<td>6:00 a.m.</td>
<td>Speaker Ready Room - Arizona Ballroom South Registration Desk, West Foyer</td>
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<tr>
<td>6:15 a.m.</td>
<td>Registration/Information Desk - Arizona Ballroom North Registration Desk, West Foyer</td>
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</tr>
<tr>
<td>6:30 a.m.</td>
<td>Breakfast in the Exhibit Hall - Arizona Ballroom H-N, South</td>
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<tr>
<td>6:30 a.m.</td>
<td>Exhibit Hall Open - Arizona Ballroom H-N, South</td>
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<tr>
<td>6:40 a.m.</td>
<td>Industry Sponsored Lunch Symposium - Paradise Ballroom, Salon 3</td>
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<tr>
<td>6:10 a.m.</td>
<td>Cocktail Hour - Awards Recognition in Exhibit Hall - Arizona Ballroom H-N, South</td>
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</tr>
<tr>
<td>6:30 a.m.</td>
<td>Biostatistics Course* - Paradise Ballroom, Salon 1</td>
<td>(Pre-Registered Attendees Only)</td>
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<tr>
<td>7:00 a.m.</td>
<td>Video Session I</td>
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<tr>
<td>8:00 a.m.</td>
<td>Annual Business Meeting (Members Only)*</td>
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<tr>
<td>8:15 a.m.</td>
<td>Pelvic Organ Prolapse/Reconstruction Podium Session</td>
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<tr>
<td>9:45 a.m.</td>
<td>Female Sexual Dysfunction</td>
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<tr>
<td>10:15 a.m.</td>
<td>Break - Visit with Exhibitors - Arizona Ballroom H-N, South</td>
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<tr>
<td>10:45 a.m.</td>
<td>Panel: When a Transgender Patient Walks into Your Office: Evaluation and Treatment of Most Common Urologic Issues</td>
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<tr>
<td>11:30 a.m.</td>
<td>Complex Incontinence Cases</td>
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<tr>
<td>12:00 p.m.</td>
<td>Industry Sponsored Lunch Symposium - Paradise Ballroom, Salon 3</td>
<td></td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>President's Address</td>
<td></td>
</tr>
<tr>
<td>1:15 p.m.</td>
<td>AUGS Lecture: Surgical Ergonomic</td>
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<tr>
<td>1:35 p.m.</td>
<td>Zimskind Lecture</td>
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<tr>
<td>1:45 p.m.</td>
<td>ICS Lecture: The Translational Impact of Preclinical Models on LUT Dysfunction</td>
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<tr>
<td>2:00 p.m.</td>
<td>Expert Surgical Theater: Male Incontinence/VD</td>
<td></td>
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<tr>
<td>2:30 p.m.</td>
<td>Break - Visit with Exhibitors - Arizona Ballroom H-N, South</td>
<td></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*</td>
<td>Paradise Ballroom, Salon 3</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Point-Counterpoint: The Prolapsed Uterus in the Young Female: Should It Stay or Should It Go?</td>
<td></td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Point Counterpoint: 45 Year Old Male with SCI/Neurogenic Bladder, Impaired Compliance: The Next Step Is...?</td>
<td></td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Distinguished Service Award Lecture</td>
<td></td>
</tr>
<tr>
<td>4:10 p.m.</td>
<td>Neuromodulation/OAB Podium Session</td>
<td></td>
</tr>
<tr>
<td>4:10 p.m.</td>
<td>IC/Pelvic Pain/Geriatrics/BPH Moderated Poster Session</td>
<td>Paradise Ballroom, Salon 7-8</td>
</tr>
<tr>
<td>4:10 p.m.</td>
<td>Open-Moderated Poster Session</td>
<td>Paradise Ballroom, Salon 2</td>
</tr>
<tr>
<td>4:10 p.m.</td>
<td>IC/Pelvic Pain/Geriatrics/BPH/LUTS Non-Moderated Poster Session*</td>
<td>West Pre-Function</td>
</tr>
<tr>
<td>5:10 p.m.</td>
<td><strong>BREAKOUT SESSION</strong></td>
<td></td>
</tr>
<tr>
<td>5:10 p.m.</td>
<td>1. Meeting the Challenges of an Independent Urology Practice: What are the Future Options?</td>
<td>Paradise Ballroom, Salon 1</td>
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<td>5:10 p.m.</td>
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<td>Paradise Ballroom, Salon 4</td>
</tr>
<tr>
<td>5:10 p.m.</td>
<td>3. Complex Cases in FPMRS (Bring Your Toughest Cases to Our Panel)</td>
<td>Paradise Ballroom, Salon 1</td>
</tr>
<tr>
<td>6:10 p.m.</td>
<td>Cocktail Hour - Awards Recognition in Exhibit Hall</td>
<td>Arizona Ballroom H-N, South</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td>6:30 a.m. - 12:00 p.m.</td>
<td>Registration/Information Desk - Arizona Ballroom North Registration Desk, West Foyer</td>
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<tr>
<td>6:30 a.m. - 12:00 p.m.</td>
<td>Speaker Ready Room - Arizona Ballroom South Registration Desk, West Foyer</td>
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<tr>
<td>6:30 a.m. - 8:00 a.m.</td>
<td>Breakfast - West Foyer</td>
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<tr>
<td>7:00 a.m.</td>
<td>Video Session II</td>
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<tr>
<td>8:00 a.m.</td>
<td>Female Urology/Incontinence Podium Session</td>
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<td>LUTS/Voiding Dysfunction/Neurogenic Bladder Podium Session</td>
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<td>Paradise Ballroom, Salon 4</td>
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<td></td>
<td>Pelvic Organ Prolapse/Reconstruction/Moderated Poster Session</td>
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<td>Paradise Ballroom, Salon 7-8</td>
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<td>Pelvic Organ Prolapse/Reconstruction/Neurogenic Bladder and Female Urology Non-Moderated Poster Session*</td>
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<td>West Pre-Function</td>
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<tr>
<td>9:30 a.m.</td>
<td>Coding</td>
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<tr>
<td>10:15 a.m.</td>
<td>Theoretical Basis for Neuromodulation</td>
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<tr>
<td>10:30 a.m.</td>
<td>Flap Use in Reconstructive Urology</td>
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<tr>
<td>10:45 a.m.</td>
<td>The Chronic SP Tube Patient: What To Do Cases</td>
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<tr>
<td>11:15 a.m.</td>
<td>ABU Update on FPMRS Recertification</td>
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<tr>
<td>11:30 a.m.</td>
<td>Panel: International Perspectives on the Use of Synthetic Mesh Slings</td>
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</tr>
<tr>
<td>12:00 p.m.</td>
<td>Adjourn</td>
<td></td>
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<td>Hadley Wood</td>
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<td>Neurogenic Bladder Research Group</td>
<td>Jen Anger</td>
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<td>@UroNBRG</td>
<td>@JenAngerMD</td>
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<td>American Urological Association</td>
<td>@AmerUrological</td>
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</tbody>
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2019 Chemodenervation Grant Winners

Hatim Thaker, MD  
Boston Children's Hospital/Harvard Medical School  
*In Vivo Efficacy of Botulinum Neurotoxins on a Novel Preclinical Mouse Model*

Whitney K. Hendrickson, MD  
Duke University Health System  
*Model for Predicting Efficacy of Treatment and Complications in Women after Intradetrusor OnabotulinumtoxinA for Non-Neurogenic Urgency Incontinence*

2019 Chemodenervation – Allergan Grant Review Committee

- David Rapp, MD  
- Lysanne Campeau, MDCM, PhD, FRCSC  
- Jason Kim, MD, FRCSC  
- Michael Guralnick, MD, FRCSC

2019 Neuromodulation Grant Winners

A Lenore Ackerman, MD, PhD  
Cedars-Sinai Medical Center  
*The Role of the GU Microbiota in predicting Responses to Sacral Neuromodulation for Overactive Bladder in Older Women*

Ron Ron Cheng, MD  
Virginia Mason Medical Center  
*Leveraging digital health and patient engagement to increase health literacy and improve symptom outcomes in sacral neuromodulation for voiding symptoms*

Jacqueline Speed, MD  
Stanford University School of Medicine  
*Determining Patient Preferences in the Treatment of Medication-Refractory Overactive Bladder*

Varun Talanki, MD  
Stony Brook  
*Efficacy of Percutaneous Tibial Nerve Stimulation (PTNS) in the Treatment of Female Sexual Dysfunction*

2019 Neuromodulation – Medtronic Grant Review Committee

- Christopher Chermansky, MD  
- Dean Elterman, MD, MSc, FRCSC  
- Blayne Welk, MD, MSc  
- Ja-Hong Kim, MD

*2019 SUFU Grant Recipients: Sponsored by Allergan and Medtronic*
Educational Needs

The SUFU 2020 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, point-counterpoint debates, 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 non-malignant 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 non-malignant, it is well-established that they can have a tremendous impact on the quality of life impact of 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, optimal management of uterine descent and different approaches to pelvic floor reconstruction. In addition, practical and important non-clinical topics such as enhanced recovery after surgery, robotic sacrocolpopexy, gender affirmation surgery and ergonomics in FPMRS will be covered. We will use a variety of teaching methods with videos, debates and audience participation to achieve the objectives set out.

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.
Educational Objectives

At the conclusion of the SUFU 2020 Winter Meeting, attendees will be able to:

1. Describe the pre-clinical evaluation of lower urinary tract physiology and function using in vivo, ex vivo, in vitro, and cellular approaches.
2. Describe the latest advances in visceral pain research in sensory function and dysfunction.
3. Discuss the physiology of urethral function and dysfunction in lower urinary tract disorders and urinary incontinence.
4. Discuss the roles of autonomic dysregulation in overactive bladder, pelvic pain, and stress-induced bladder dysfunction.
5. Discuss the roles of obesity, diabetes and metabolic syndrome in lower urinary tract disorders.
6. Interpret the latest research from promising young investigators in the field.
7. Describe how biomechanics plays a role in pelvic organ prolapse pathophysiology and how native tissue repairs have been improved with knowledge of this basis.
8. Discuss methods of surgical management for persistent and recurrent stress incontinence and when to perform fascia versus mid urethral slings in challenging subgroups.
9. Describe targets for neuromodulation therapy and some of the pros and cons with each approach.
10. Delineate the role for bladder centric and systemic therapies in the management of bladder pain syndrome.
11. Discuss how to optimally evaluate and follow the neurogenic bladder patient and discuss scenarios that one may change their practice in these complex patients.
12. Discuss the role for antibiotic stewardship for patients with recurrent urinary tract infections.
13. Discuss alternative therapies and optimal cost for patients with recurrent urinary tract infections.
15. Discuss complications of robotic surgery and how best to manage them.
17. Discuss opioid stewardship and use of newer enhanced recovery after pelvic surgery techniques.
18. Describe management of complex irradiated bladder neck and incontinent males and discuss options for repair and when to reconstruct as opposed to diversions.
19. Explain management of urologic issues in pregnancy and how to handle tough situations such as stones and diversion in pregnancy.
20. Describe options for female sexual dysfunction (FSD) and how to evaluate a patient who complains of FSD.
21. Describe what to do for patients who have undergoing gender affirming surgery and options for reconstruction in this subgroup.
22. Discuss when to consider uterine sparing surgery versus hysterectomy in females with uterovaginal prolapse and the pros and cons with each approach.
23. Explain techniques to best treat men with post-prostatectomy urinary incontinence and those with BPH and understand complications that can arise from their treatments.
24. Discuss basics of neuromodulation and programming and define terms such as impedance abnormalities, pulse width and rate and frequency.
25. Describe options for flap use in pelvic floor reconstructive surgery and discuss how and when to do them.
26. Delineate options to help patients who have had suprapubic tubes and have complications from the placement of them.
27. Describe some of the international perspectives with the use of synthetic mesh in countries that have banned its use and how the others still use it and the challenges they face.
CME Accreditation

Category 1
Creighton University Health Sciences Continuing Education designates this live activity for a maximum of 32.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in this activity.

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In support of improving patient care, this activity has been planned and implemented by Creighton University Health Sciences Continuing Education and Society of Urodynamics, Female Pelvic Medicine and 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.

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Disclosure Report
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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) 517-7225 if you require special assistance to fully participate in the meeting.
Online CME Submission Instructions

SUFU 2020 Winter Meeting
February 25 - 29, 2020
Scottsdale, Arizona

Please note that the electronic CME submission form will open Friday, February 28 at 12:00 noon and close on Sunday, March 8 at 11:59 p.m. Central.

The CME submission form may be accessed via the link below or by scanning the QR code to the left.

Submit your CME Certification online at sufuorg.com/cme

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1. **Submit your CME certification online and record your attendance.** In order to submit your CME, visit sufuorg.com/cme. Attendees should claim only credit commensurate with the extent of their participation in the activity. For physicians to officially receive **AMA PRA Category 1 Credits™** and for nonphysicians to document their attendance, participants are required to submit the CME online certification.

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2. **Complete Evaluation.** Approximately two weeks post-meeting, you will receive an email with a link to the SUFU 2020 Winter Meeting CME Evaluation Survey. Follow the link to complete the survey online. Evaluations are open for only 60 days after the activity.

3. **Access your CME Certificate.** Following your completion of the CME Evaluation Survey, you will be redirected to the Certificate site. You will need to sign in to access to your Certificate.

   SUFU will track attendance and evaluations.

If you have any issues with CME Submission or the online survey, you may contact us via email at cmeinfo@wjweiser.com or via phone during regular business hours at (847) 517-7225.

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<th>Day</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Speakers</th>
<th>Sponsored By</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WEDNESDAY, FEBRUARY 26, 2020</strong></td>
<td></td>
<td><strong>Industry Sponsored Lunch Symposium</strong></td>
<td><strong>Paradise Ballroom, Salon 6-8</strong></td>
<td><strong>Kevin Benson, MD, FPMRS</strong>&lt;br&gt;<strong>Rebecca McCreery, MD, FPMRS</strong></td>
<td><strong>Axonics Modulation Technologies</strong></td>
</tr>
<tr>
<td>12:20 p.m. - 1:20 p.m.</td>
<td><strong>SACRAL NEUROMODULATION, RECHARGED</strong></td>
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<td></td>
<td></td>
<td><strong>DO YOU KNOW HOW SHE REALLY FEELS ABOUT HER OVERACTIVE BLADDER MEDICATION?</strong></td>
<td></td>
<td><strong>Benjamin Brucker, MD</strong></td>
<td><strong>Allergan, Inc.</strong></td>
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<td><strong>THURSDAY, FEBRUARY 27, 2020</strong></td>
<td></td>
<td><strong>Industry Sponsored Breakfast Symposium</strong></td>
<td><strong>Paradise Ballroom, Salon 3</strong></td>
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<td>6:25 a.m. - 7:25 a.m.</td>
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<td><strong>UNCOVERING THE TRUTH: CONSTANT VOLTAGE AND CONSTANT CURRENT</strong></td>
<td></td>
<td><strong>Professor Charles Knowles, BChir, PhD, FRCS</strong>&lt;br&gt;<strong>Steven Siegel, MD</strong>&lt;br&gt;<strong>Katie Bittner, PhD</strong>&lt;br&gt;<strong>Sarah Offutt, PhD</strong></td>
<td><strong>Medtronic</strong></td>
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<td>12:00 p.m. - 1:00 p.m.</td>
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<td><strong>Industry Sponsored Lunch Symposium</strong></td>
<td><strong>Paradise Ballroom, Salon 3</strong></td>
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<td><strong>BULKAMID – A NEW TREATMENT PARADIGM FOR PATIENTS WITH SUI</strong></td>
<td></td>
<td><strong>Mickey Karram, MD</strong>&lt;br&gt;<strong>Ieva Ankorina-Stark, PhD</strong>&lt;br&gt;<strong>Tomi Mikkola, MD</strong>&lt;br&gt;<strong>Tamsin Greenwell, MD</strong></td>
<td><strong>Contura, Ltd.</strong></td>
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*Industry Satellite Symposium Events*
MEETING INFORMATION

Registration/Information Desk Hours
Location: Arizona Ballroom North Registration Desk, West Foyer

<table>
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<th>Hours</th>
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<tbody>
<tr>
<td>Tuesday, February 25, 2020</td>
<td>11:00 a.m. – 5:00 p.m.</td>
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<tr>
<td>Wednesday, February 26, 2020</td>
<td>7:00 a.m. – 6:30 p.m.</td>
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<td>Thursday, February 27, 2020</td>
<td>6:30 a.m. – 6:30 p.m.</td>
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<tr>
<td>Friday, February 28, 2020</td>
<td>6:15 a.m. – 5:00 p.m.</td>
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<tr>
<td>Saturday, February 29, 2020</td>
<td>6:30 a.m. – 12:00 p.m.</td>
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Exhibit Hall Hours
Location: Arizona Ballroom H – N, South

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<tr>
<td>Wednesday, February 26, 2020</td>
<td>7:00 p.m. – 8:30 p.m.*</td>
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<tr>
<td>Thursday, February 27, 2020</td>
<td>6:30 a.m. – 3:30 p.m.</td>
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<tr>
<td>Friday, February 28, 2020</td>
<td>6:30 a.m. – 7:30 p.m.</td>
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Speaker Ready Room Hours
Location: Arizona Ballroom South Registration Desk, West Foyer

<table>
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Registration Fee Includes:
- Entry to Welcome Reception with Industry Partners
- Entry to Cocktail Hour & Award Recognition
- 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 & Award Recognition

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Filming/Photography Statement
No attendee/visitor at the SUFU 2020 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 26, 2020
Time: 7:00 p.m. – 8:30 p.m.
Location: Arizona Ballroom H-N, South
Attire: Business
Description: Enjoy a beverage and light hors d’oeuvres as you meet with industry partners in the Exhibit Hall.

Cocktail Hour - Award Recognition in Exhibit Hall

Date: Friday, February 28, 2020
Time: 6:10 p.m. – 7:30 p.m.
Location: Arizona Ballroom H-N, South
Attire: Business
Description: Finish off the Winter Meeting with an evening of cocktails, mingling and award presentations in the Exhibit Hall!

BollyX*
(optional event)

Date: Friday, February 28, 2020
Time: 5:45 a.m. – 6:30 a.m.
Location: Paradise Ballroom, Salon 3
Attire: Comfortable exercise or workout clothing
Cost: $25.00
Description: Proceeds will go to the SUFU Foundation (medical students, residents & fellows are free). Whether you’re interested in relieving some tension before a packed day of educational sessions or just a have a strong desire to dance, sign up to join the SUFU BollyX class!
SUFU at the AUA 2020
May 15, 2020
12:30 p.m. – 4:35 p.m.
Renaissance Washington DC Hotel
Renaissance Ballroom
999th St NW
Washington, DC

SUFU Research Foundation Resident Preceptorship 2020
Nominations opening April 2020
July 31 - August 2, 2020
Westin O’Hare
Rosemont, Illinois

SUFU 2021 Winter Meeting
February 23 – 27, 2021
Grand Hyatt Nashville
Nashville, Tennessee
SUFU Basic and Translational Science Meeting

TUESDAY, FEBRUARY 25, 2020

OVERVIEW

11:00 a.m. - 5:00 p.m.  Registration/Information Desk Open  
Location: Arizona Ballroom North Registration Desk, West Foyer

11:00 a.m. - 5:00 p.m.  Speaker Ready Room Hours  
Location: Arizona Ballroom South Registration Desk, West Foyer

GENERAL SESSION

1:00 p.m. - 2:35 p.m.  Panel 1: Preclinical Evaluation of Lower Urinary Tract Physiology and Pharmacology
Moderators:  
Christopher J. Chermansky, MD  
Matthew O. Fraser, PhD

In Vivo Approaches  
Panelist:  
Matthew O. Fraser, PhD

Ex Vivo Approaches  
Panelist:  
Sang Don Koh, MD, PhD

In Vitro Approaches  
Panelist:  
Michael R. Ruggieri, Sr., PhD

Cellular Approaches  
Panelist:  
Georgi V. Petkov, PhD

2:35 p.m. - 3:35 p.m.  Keynote Lecture: Visceral Pain - Sense and Hypersense  
Speaker:  
Gerald F. Gebhart, PhD

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

3:50 p.m. - 5:05 p.m.  Panel 2: Showcasing Young Investigators in Basic Research
Moderator:  
H. Henry Lai, MD

Piezo Channels in Bladder Function  
Panelist:  
Kara L. Marshall, PhD

A Wireless Closed-Loop System for Optogenetic Neuromodulation of Urinary Function  
Panelist:  
Aaron D. Mickle, PhD

Circuit and Transcriptional Framework for Modulation of Bladder Pain in the Central Amygdala  
Panelist:  
Vijay K. Samineni, PhD

5:05 p.m. - 5:20 p.m.  Break
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#### SCIENTIFIC PROGRAM

**5:20 p.m. - 7:30 p.m. Basic Science Poster Session I**

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<td>BS1</td>
<td>THERAPEUTIC EFFECTS AND FATE OF MESENCHYMAL STEM CELLS IN STREPTOZOTOCIN-INDUCED DIABETIC DETRUSOR UNDERACTIVITY RAT MODEL</td>
<td>Jung Hyun Shin, MD, PhD</td>
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<tr>
<td>BS2</td>
<td>CHRONOLOGICAL STUDY OF MESENCHYMAL STEM CELLS (MSCs), AND MSC-TREATED INJURED URETHRAL TISSUE CROSS-TALK IN RAT BIRTH TRAUMA URINARY INCONTINENCE MODEL: A HIGH ALTITUDE GENE ANALYSIS</td>
<td>Zhina Sadeghi, MD</td>
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<td>BS3</td>
<td>SYNERGISTIC EFFECTS OF N-ACETYL-CYSTEINE AND MESENCHYMAL STEM CELL IN LIPOPOLYSACCHARIDE INDUCED-CYSTITIS RAT MODEL</td>
<td>Jung Hyun Shin, MD, PhD</td>
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<td>BS4</td>
<td>ENGINEERED STEM CELLS IMPROVE NEUROGENIC BLADDER BY OVEREXPRESSING SDF-1 IN A PELVIC NERVE INJURY RAT MODEL</td>
<td>Woong Jin Bae</td>
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<td>BS5</td>
<td>INDUCED POLARIZATION OF M0 MACROPHAGES TO AN M2 PHENOTYPE UPON SEEDING ON GENIPIN CROSSLINKED COLLAGEN MESH FOR TREATMENT OF STRESS URINARY INCONTINENCE</td>
<td>Ilaha Isali, MD</td>
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<td>BS6</td>
<td>VERIFICATION OF MESENCHYMAL STEM CELL INJECTION THERAPY FOR INTERSTITIAL CYSTITIS IN A RAT MODEL</td>
<td>Eun Sang Yoo</td>
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<td>BS7</td>
<td>LIQUID CRYSTAL ELASTOMERS AS DYNAMIC MATERIAL FOR THE TREATMENT OF URINARY INCONTINENCE</td>
<td>Seelay Tasmim, BMEN PhD</td>
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<tr>
<td>BS8</td>
<td>WITHDRAWN</td>
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<td>BS9</td>
<td>SEQUENTIAL OR SIMULTANEOUS SELECTIVE STIMULATION OF RELEVANT PELVIC FLOOR NERVES WITH NOVEL NEUROCLIP ELECTRODES CAN AFFECT THE URETHRAL CLOSING MECHANISM</td>
<td>Ana Guadalupe Hernandez Reynoso, MS</td>
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<td>BS10</td>
<td>SELECTIVE NEUROMODULATION OF THE BULBOSPONGIOSUS NERVE IMPROVES VOIDING EFFICIENCY IN OLD MULTIPAROUS RABBITS</td>
<td>Ana Guadalupe Hernandez Reynoso, MS</td>
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<td>BS11</td>
<td>IN VITRO BENCH TESTING OF A TELEMETRIC DEVICE USING BLUE TOOTH TECHNOLOGY: ADVANCING THE SCIENCE OF PRECISE URETHRAL COMPRESSION</td>
<td>Angelo E. Gousse, MD</td>
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<td>BS12</td>
<td>A STUDY OF SACRAL LEAD STABILITY USING BOTH EXPERIMENTAL AND COMPUTATIONAL MODELS</td>
<td>Jeff Bodner, MSBME, MSME</td>
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<td>BS13</td>
<td>IMAGING BLADDER FLUID DYNAMICS USING MRI</td>
<td>Robert Kelley, DO, MBA</td>
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<td>BS14</td>
<td>A NOVEL METHOD TO INCREASE BLADDER CAPACITY USING EXTERNAL COMPRESSION EXERCISES</td>
<td>Samuel A. Weprin, MD</td>
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<td>BS15</td>
<td>SEGMENTATION AND 3D ANATOMICAL RENDERINGS FROM PELVIC MRI PROVIDE A NOVEL METHOD TO QUANTIFY CLINICALLY RELEVANT FEATURES OF THE BLADDER AND PROSTATE</td>
<td>Alejandro Roldan-Alzate, PhD</td>
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<td>BS16</td>
<td>PELVIC MRI DEMONSTRATES REGIONALIZED THICKENING OF THE BLADDER IN ASSOCIATION WITH AGE-DEPENDENT INCREASE IN PROSTATE VOLUME</td>
<td>Alejandro Roldan-Alzate, PhD</td>
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<td>BS17</td>
<td>WHAT IS BEING REPORTED ABOUT VAGINAL “LASERS”? AN EXAMINATION OF ADVERSE EVENTS REPORTED TO THE FDA</td>
<td>Linda Scheider Burkett, MD</td>
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<td>Poster #</td>
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<td>BS18</td>
<td>ASSOCIATION BETWEEN GAIT AND PELVIC FLOOR SYMPTOMS: A PILOT STUDY</td>
<td>Kevin N. Morgan, MD</td>
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<td>BS19</td>
<td>UTERINE BIOMEPDANCE COMBINED WITH ARTIFICIAL INTELLIGENCE AS A MEANS OF CANCER DETECTION</td>
<td>Robert Kelley, DO, MBA</td>
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<td>BS20</td>
<td>DEVELOPMENT OF URINATION TIME RECOGNITION TECHNOLOGY IN MOBILE ENVIRONMENT</td>
<td>Kyung Jin Chung</td>
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<tr>
<td>BS21</td>
<td>CARRYING OUT A NOMOGRAM ALLOWING FOLLOW-UP BY FREE UROFLOWMETRY OF WOMEN AT RISK OF RETENTION AFTER MID URETHRAL SLING</td>
<td>Francoise A. Valentini, MD, PhD</td>
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<td>BS22</td>
<td>METAGENOMIC ANALYSIS OF THE GENITOURINARY MICROBIOME OF POSTMENOPAUSAL WOMEN AND ITS RELATIONSHIP TO RECURRENT UTI</td>
<td>Michael Neugent, MS, BS</td>
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<td>BS23</td>
<td>EVALUATION OF THE COX-2 PATHWAY AS A THERAPEUTIC TARGET FOR RECURRENT URINARY TRACT INFECTION IN POSTMENOPAUSAL WOMEN</td>
<td>Tahmineh Ebrahimzadeh, BS</td>
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<td>BS24</td>
<td>UROPATHOGENIC ESCHERICHIA COLI MOTILITY TYPES: GENETICS, CONTROL, AND ELECTRON MICROSCOPY</td>
<td>Jacob Hogins, BS</td>
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<td>BS25</td>
<td>COMPARATIVE RNA SEQ ANALYSIS OF UROPATHOGENIC AND NONPATHOGENIC ESCHERICHIA COLI STRAINS SUGGEST A UPEC-SPECIFIC METABOLISM</td>
<td>Jacob Hogins, BS</td>
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<tr>
<td>BS27</td>
<td>THE GENITO-URINARY MICROBIOME OF POSTMENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS AS COMPARED TO POSTMENOPAUSAL CONTROLS</td>
<td>Megan Sara Bradley, MD</td>
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<td>BS28</td>
<td>ELUCIDATING THE FUNCTION OF THE T-CELL-MEDIATED ADAPTIVE IMMUNE RESPONSE IN HUMAN RECURRENT URINARY TRACT INFECTION</td>
<td>Jashkaran Gadhvi, BS</td>
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<td>BS29</td>
<td>DIFFERENTIAL SENSITIVITY OF UROPATHOGENIC E. COLI STRAINS ISOLATED FROM POSTMENOPAUSAL WOMEN TO CETYLPYRIDINIUM CHLORIDE</td>
<td>Namrata Sawant, MS</td>
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<td>BS30</td>
<td>PROPHYLACTIC ANTIBIOTICS AND THE URINARY MICROBIOME IN MENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS</td>
<td>Monique Hiersoux Vaughan, MD</td>
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<td>BS31</td>
<td>MALX AS A VIRULENCE Factor in Uropathogenic Escherichia coli: Correlation with Urinary Tract Infections and Analysis of Its Function</td>
<td>Andrew Petter, BS</td>
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<td>BS32</td>
<td>REDUCED UROTHELIAL EXPRESSION OF UROPLAKIN-3A FOLLOWING CYSTOSCOPY WITH FULGURATION OF TRIGONITIS IN POSTMENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTION</td>
<td>Amy Kuprasertkul, BS</td>
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WEDNESDAY, FEBRUARY 26, 2020

OVERVIEW

7:00 a.m. - 6:30 p.m.  Registration/Information Desk Open
Location: Arizona Ballroom North Registration Desk, West Foyer

7:00 a.m. - 6:30 p.m.  Speaker Ready Room Hours
Location: Arizona Ballroom South Registration Desk, West Foyer

7:30 a.m. - 8:30 a.m.  Breakfast
Location: Paradise Ballroom, Salon 6-8

12:20 p.m. - 1:20 p.m.  Industry Sponsored Lunch Symposium
Location: Paradise Ballroom, Salon 6-8

1:30 p.m. - 5:30 p.m.  Fellows Forum
Location: Paradise Ballroom, Salon 4

4:00 p.m. - 5:00 p.m.  Urology Fellowship Program Directors Meeting
Location: Paradise Ballroom, Salon 1

7:00 p.m. - 8:30 p.m.  Welcome Reception with Industry Partners
Location: Arizona Ballroom H-N, South

GENERAL SESSION

8:30 a.m. - 8:45 a.m.  Welcome
President: Kathleen C. Kobashi, MD, FACS
Program Chair: H. Henry Lai, MD
Vice President: Sandip P. Vasavada, MD
Co-Committee Chair: Maryrose P. Sullivan, PhD

8:45 a.m. - 10:00 a.m.  Panel 3: The Urethra
Moderator: Maryrose P. Sullivan, PhD

  Calcium Signaling in Urethra Smooth Muscle and Interstitial Cells
  Panelist: Gerard Sergeant, PhD

  Silk Scaffolds for Urethral Tissue Regeneration
  Panelist: Joshua R. Mauney, PhD

  Chemosensory Brush Cells in the Urethra
  Panelist: Wolfgang Kummer, MD, PhD

10:00 a.m. - 10:15 a.m.  Break

10:15 a.m. - 11:15 a.m.  Keynote Lecture: Ode to the Urethra: Uncovering Flaws in Current Continence Theories
Speaker: John DeLancey, MD
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**11:15 a.m. - 12:20 p.m.** Top 10 Basic Science Abstract Presentations  
Moderators:  
Julie Christianson, PhD  
Larissa V. Rodriguez, MD, FPMRS

11:15 a.m. #1 **BRAIN CIRCUITS UNDERLYING URINARY URGENCY IN OVERACTIVE BLADDER SYNDROME: A SYMPTOMS OF LOWER URINARY TRACT DYSFUNCTION RESEARCH NETWORK (LURN) NEUROIMAGING STUDY**  
Presented By: Ishfaq Mawla, MS

11:21 a.m. #2 **EXERCISE MODULATES NEURONAL ACTIVATION IN THE MICTURITION CIRCUIT OF CHRONICALLY STRESSED RATS: A MAPP RESEARCH NETWORK STUDY**  
Presented By: Larissa V. Rodriguez, MD, FPMRS

11:27 a.m. #3 **SUBTYPES OF SENSORY SENSITIVITY IN OVERACTIVE BLADDER SYNDROME: RESULTS OF NEUROIMAGING AND SENSORY TESTING FROM THE SYMPTOMS OF LOWER URINARY TRACT DYSFUNCTION RESEARCH NETWORK (LURN)**  
Presented By: Ishfaq Mawla, MS

11:33 a.m. #4 **NEURAL CONTROL OF THE LOWER URINARY TRACT BY STAUFSN2**  
Presented By: Valerie Schumacher

11:39 a.m. #5 **FUNCTIONAL AND HISTOLOGICAL CHANGES IN THE DOG URINARY BLADDER AFTER DIFFERENT DECENTRALIZATION AND REINNERVATION STRATEGIES**  
Presented By: Mary F. Barbe, PhD

11:45 a.m. #6 **DELINIATION OF INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME PATIENT SUBGROUPS BASED ON MOLECULAR EXPRESSION PROFILE ANALYSES**  
Presented By: Tyler Lynne Overholt, MD

11:51 a.m. #7 **MICROBIAL COMPOSITION DEFINES PELVIC PAIN PHENOTYPES IN REPRODUCTIVE-AGE WOMEN**  
Presented By: A. Lenore Ackerman, MD, PhD

11:57 a.m. #8 **REDUCED HIPPOCAMPAL VOLUME AND METABOLIC RESPONSE TO ADULT STRESS EXPOSURE IN A MOUSE MODEL OF UROGENITAL HYPERSENSITIVITY**  
Presented By: Julie Christianson, PhD

12:03 p.m. #9 **EFFECT OF VITAMIN D DEFICIENCY ON THE DAY-NIGHT MICTURITION RHYTHM OF FEMALE MICE**  
Presented By: Elishia Renee Mckay

12:09 p.m. #10 **FUNCTIONAL MRI DETECTED CHANGES IN BRAIN ATTENTIONAL NETWORKS: ASSOCIATION WITH HYPNOTHERAPY FOR TREATMENT OF URGENCY URINARY INCONTINENCE**  
Presented By: Loren Ketai, MD

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12:20 p.m. - 1:20 p.m. **Industry Sponsored Lunch Symposium**  
Location: Paradise Ballroom, Salon 6-8

1:20 p.m. - 1:35 p.m. **2020 Basic Science Prize Essay Award Presentation**  
Moderator:  
H. Henry Lai, MD

**BARRINGTON’S REFLEXES REVISITED: PROXIMAL URETHRAL ELECTRICAL STIMULATION AS A TREATMENT FOR UNDERACTIVE BLADDER IN RATS**  
Winner:  
Bradley Potts, MD

---

1:30 p.m. - 5:30 p.m. **Fellows Forum**  
Location: Paradise Ballroom, Salon 4  
*Not CME Accredited/ Pre-Registration Required*  
Must be a fellow to attend and have submitted a written abstract for presentation at this forum.
1:35 p.m. - 3:00 p.m.  Panel 4: Autonomic Dysregulation
Moderator:  Michel A. Pontari, MD

Measurement of Autonomic Neuropathy and Findings in OAB and Pelvic Pain
Panelist:  Thomas C. Chelimsky, MD

Autonomic Dysregulation in Stress-Induces Bladder Dysfunction
Panelist:  Lori A. Birder, PHD

Genetics of Human Urinary Incontinence and Modeling These Neuro-Muscular Disorders in Mice
Panelist:  Adrian S. Woolf, MA, MD

3:00 p.m. - 3:15 p.m.  Break

3:15 p.m. - 4:30 p.m.  Panel 5: Metabolic Syndrome and Diabetes
Moderators:  Lysanne Campeau, MDCM, PhD, FRCSC
            Adonis K. Hijaz, MD

Energy Generating Pathways in the Bladder in Metabolic Syndrome
Panelist:  Lysanne Campeau, MDCM, PhD, FRCSC

Innate Immune Activation Contributes to Bladder Hypercontractility in a Murine Model of Type 1 Diabetes
Panelist:  R. Clinton Webb, PhD

Bladder Dysfunction in Diabetes and Metabolic Syndrome
Panelist:  Firouz Daneshgari, MD

4:00 p.m. - 5:00 p.m.  Urology Fellowship Program Directors Meeting
Location: Paradise Ballroom, Salon 1

4:30 p.m. - 4:45 p.m.  Break

4:45 p.m. - 6:55 p.m.  Basic Science Poster Session II *
Judges:  Vivian Cristofaro, PhD
         John P. Lavelle, MD, FRCSI
*Not CME Accredited

Poster #BS26  ASSOCIATIONS BETWEEN URINARY BACTERIAL LOAD AND URGENCY URINARY INCONTINENCE*
Presented By: Rahel Nardos, MD, MCR
*2015 OAB Grant Recipient

Poster #BS33  DETRUSOR UNDERACTIVITY IS ASSOCIATED WITH OXIDATIVE STRESS AND DETRUSOR FIBROSIS IN METABOLIC SYNDROME
Presented By: C.R. Powell II, MD

Poster #BS34  COMPARISON OF THE IMPACT OF TWO SINGLE INCISION SLINGS
Presented By: Katherine Kaiser Shapiro, MD

Poster #BS35  STAGES OF DECOMPENSATION DURING ACUTE ISCHEMIA DEMONSTRATED IN AN EX-VIVO PORCINE BLADDER MODEL
Presented By: Natalie Swavely, MD

Poster #BS36  FUNCTIONAL CONSEQUENCES OF SPINAL CONTUSION INJURY IN THE LOWER URINARY TRACT IN A FEMALE MURINE MODEL
Presented By: Salvador Ruiz Lopez

Poster #BS37  URODYNAMIC STUDIES AND TELEMETRIC MONITORING OF BLADDER FUNCTION AFTER TRAUMATIC THORACIC SPINAL CORD INJURY IN MINIPIGS
Presented By: Martin Keung, BSc

Poster #BS38  OPTOGENETIC CHRONIC NEUROMODULATION OF THE DIABETIC CYSTOPATHY MOUSE MODEL – STUDY DESIGN*
Presented By: Shannon Leigh Wallace, MD
*2017 Neuromodulation Grant Recipient
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<td>BS39</td>
<td>BLADDER WALL MICROMOTION REGIONAL AND DIRECTIONAL VARIATION IN AN ELECTRO-STIMULATED PORCINE MODEL MEASURED BY TEXTURE CORRELATION WITH ANATOMICAL MOTION MODE (AMM) ULTRASOUND</td>
<td>Anna S. Nagle, PhD</td>
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<td>BS40</td>
<td>THE SEARCH FOR MOUSE MODELS OF TYPE II DIABETIC BLADDER DYSFUNCTION: VOIDING PARAMETERS IN MALES AND FEMALES OF TWO POLYGENIC STRAINS: A PROGRESS REPORT</td>
<td>Warren Hill, PhD</td>
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<td>BS41</td>
<td>A NOVEL MOUSE MODEL OF ACUTE URINARY RETENTION</td>
<td>Weiqun Yu, PhD</td>
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<td>Shannon Leigh Wallace, MD</td>
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<td>Shannon Leigh Wallace, MD</td>
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<td>BS44</td>
<td>BLADDER SENSATION IS REDUCED AFTER EXTENSIVE BLADDER DECENTRALIZATION IN CANINES</td>
<td>Ekta Tiwari, PhD</td>
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<td>EPIDERMAL GROWTH FACTOR AND ITS ASSOCIATION WITH TISSUE CELLS IN EXPERIMENTAL INTERSTITIAL CYSTITIS/PAINFULL BLADDER SYNDROME</td>
<td>Rashad Sholan</td>
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<td>BS46</td>
<td>TOWARDS FUNCTIONAL MAPPING OF THE BLADDER: STUDYING THE EFFECTS OF MECHANICAL STRETCHING AND ELECTRICAL STIMULATION ON CONTRACTILE PROPERTIES OF PORCINE DETRUSOR IN-VITRO</td>
<td>Bhaskar Ravishankar, MSEE</td>
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<td>BS48</td>
<td>NATURALISTIC BLADDER FILLING AS TOOL TO EXAMINE BRAIN CIRCUITS OF URINARY URGENCY IN HEALTHY INDIVIDUALS: A MAPP RESEARCH NETWORK STUDY</td>
<td>Ishtiaq Mawla, MS</td>
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<td>BS49</td>
<td>OPTICAL MONITORING OF CHANGES IN OXYGENATED HEMOGLOBIN CONCENTRATION IN THE ANTERIOR CORTEX DURING URINARY URGENCY</td>
<td>M. Lynn Stothers, MD</td>
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<td>A NOVEL METHOD TO EVALUATE OBJECTIVE RESPONSES TO AUDIO-VISUAL URGENCY TRIGGERS USING FUNCTIONAL NEAR-INFRARED SPECTROSCOPY OF THE BRAIN</td>
<td>Rui Li, PhD</td>
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<td>BS51</td>
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<td>Katie Bittner, PhD</td>
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<td>BS52</td>
<td>THE EFFECT OF BOTOX A ON ICI, BLADDER PRESSURE AND HRV PARAMETERS IN RATS SUBMITTED TO URODYNAMIC STUDY AFTER BLADDER INSTILLATION OF ACETIC ACID</td>
<td>Israel Franco, MD</td>
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<td>BS53</td>
<td>GENE PROFILING IN UTEROSACRAL LIGAMENTS IN PREMENOPAUSAL WOMEN WITH PROLAPSE</td>
<td>Kathleen Connell, MD</td>
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<td>BS54</td>
<td>UNDERREPRESENTATION OF FPMRS IN FEDERAL FUNDING FOR BENIGN UROLOGIC CONDITIONS</td>
<td>Colby Perkins Souders, MD</td>
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<td>BS55</td>
<td>CHRONIC MEALTIME SHIFT DISTURBS METABOLIC AND URINARY FUNCTIONS IN MICE</td>
<td>Young Sam Cho, MD, PhD</td>
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<td>FLEXIBLE SURGICAL TRAINING WITHIN THE ROYAL AUSTRALASIAN COLLEGE OF SURGEONS: THE NEW PARADIGM</td>
<td>Caroline Dowling, MS</td>
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<td>BS57</td>
<td>UNEXPECTED EFFECTS OF CAB, A NOVEL TRPM4 CHANNEL INHIBITOR, ON GUINEA PIG DETRUSOR SMOOTH MUSCLE EXCITATION-CONTRACTION COUPLING</td>
<td>John Malysz, PhD</td>
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**Poster #BS58**

**PHENOTYPIC CHANGES OF DETRUSOR PDGFR ALPHA POSITIVE CELLS AND IMPACT ON MYOGENIC DETRUSOR OVERACTIVITY IN SPINAL CORD INJURY**  
Presented By: Ken Lee

**Poster #BS59**

**DISRUPTION OF CAV1.2-MEDIATED SIGNALING IS A MAJOR PATHWAY FOR KETAMINE INDUCED PATHOLOGY**  
Presented By: Huan Chen

**Poster #BS60**

**IN THE CANINE BLADDER, NICOTINIC RECEPTOR AGONISTS INDUCE MORE CONTRACTILE RESPONSES IN SUB-MUCOSAL THAN IN SUB-SEROSAL SMOOTH MUSCLE STRIPS**  
Presented By: Michael R. Ruggieri, Sr., PhD

**Poster #BS61**

**GLUCAGON LIKE PROTEIN 1 (GLP-1) ELICITS MORE PROFOUND CALCIUM DISCHARGE AND SARCOPLASMIC RETICULUM CALCIUM ATPASE (SERCA) RESPONSE IN OSSABAW PIG DETRUSOR SMOOTH MUSCLE THAN CAFFEINE**  
Presented By: C.R. Powell II, MD

**Poster #BS62**

**REGULATION OF ADENOSINE LEVELS IN LAMINA PROPRIA DURING BLADDER FILLING**  
Presented By: Violeta Mutafova-Yambolieva, MD, PhD

**Poster #BS63**

**CHARACTERIZATION OF UROTHELIAL CELLS CULTURED FROM A SINGLE BLADDER BIOPSY IN INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME PATIENTS**  
Presented By: Tyler Lynne Overholt, MD

**Poster #BS64**

**DECREASED INFLAMMATORY RESPONSE OF UROTHELIAL AND SMOOTH MUSCLE CELLS TO LIPOPOLYSACCHARIDE BY P75NTR ANTAGONISM**  
Presented By: Benjamin Desormeau

**Poster #BS65**

**DIVERGENT RESPONSES OF UROTHELIAL AND SMOOTH MUSCLE CELLS TRIGERRED BY NERVE GROWTH FACTOR PRECURSOR (PRONGF)**  
Presented By: Abubakr H. Mossa, MD, MSc

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**THURSDAY, FEBRUARY 27, 2020**

**OVERVIEW**

6:30 a.m. - 6:30 p.m.  **Registration/Information Desk Open**  
*Location: Arizona Ballroom North Registration Desk, West Foyer*

6:30 a.m. - 6:30 p.m.  **Speaker Ready Room Hours**  
*Location: Arizona Ballroom South Registration Desk, West Foyer*

6:30 a.m. - 3:30 p.m.  **Exhibit Hall Open**  
*Location: Arizona Ballroom H-N, South*

6:25 a.m. - 7:25 a.m.  **Industry Sponsored Breakfast Symposium**  
*Location: Paradise Ballroom, Salon 3*

6:45 a.m. - 7:30 a.m.  **Residents and Fellows Breakfast**  
*Location: Paradise Ballroom, Salon 1-2*

12:00 p.m. - 1:00 p.m.  **Industry Sponsored Lunch Symposium**  
*Location: Paradise Ballroom, Salon 3*

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**GENERAL SESSION**

7:25 a.m. - 7:30 a.m.  **Introduction**  
*Speaker: Sandip P. Vasavada, MD*

7:30 a.m. - 7:50 a.m.  **State-of-the-Art Lecture: How Biomechanics Research has Improved Native Tissue Repair Success**  
*Speaker: John DeLancey, MD*
7:50 a.m. - 8:00 a.m.  **SUFU Award Presentations*  
Speaker: Kathleen C. Kobashi, MD, FACS  
*Not CME Accredited

8:00 a.m. - 8:20 a.m.  **Point-Counterpoint: The Failed Sling Patient: What Sling to Do Next?  
Moderator: Kathleen C. Kobashi, MD, FACS  
Repeat Mid Urethral Sling  
Speaker: Benjamin M. Brucker, MD  
Fascia Sling  
Speaker: Priya Padmanabhan, MD, MPH, FACS

8:20 a.m. - 8:40 a.m.  **Point-Counterpoint: Neuromodulation: Where Should We Place the Lead?  
Moderator: Cristiano Gomes, MD  
Sacral is the Target  
Speaker: Steven W. Siegel, MD  
Other Targets  
Speaker: Scott A. MacDiarmid, MD

8:40 a.m. - 9:00 a.m.  **Point-Counterpoint: Interstitial Cystitis/BPS  
Moderator: Raymond R. Rackley, BME, MD  
Bladder Centric Therapies Work Best  
Speaker: Deborah R. Erickson, MD  
Systemic Therapies are Necessary  
Speaker: Kenneth M. Peters, MD

9:00 a.m. - 9:30 a.m.  **Panel: Optimal Follow Up of the Neurogenic Bladder Patient Case Based  
Moderator: David A. Ginsberg, MD  
What Evaluation is Needed Initially?  
Panelist: John T. Stoffel, MD  
What Follow Up is Needed?  
Panelist: Gary E. Lemack, MD

9:30 a.m. - 10:00 a.m.  Break - Visit with Exhibitors  
**Location: Arizona Ballroom H-N, South

10:00 a.m. - 10:30 a.m.  **Panel: Recurrent UTI's What Have the Guidelines Taught Us?  
Moderator: Jennifer T. Anger, MD, MPH, FPMRS  
Antibiotic Stewardship  
Panelist: Anne P. Cameron, MD  
UTI Evaluation  
Panelist: Una J. Lee, MD  
Imaging  
Panelist: A. Lenore Ackerman, MD, PhD  
Alternative Therapies  
Panelist: Duane R. Hickling, MD, MSCI
### SCIENTIFIC PROGRAM

**10:30 a.m. - 11:10 a.m.**  
**Expert Surgical Theater Robotic Sacrocolpopexy: Steps, Missteps and Solutions**  
**Moderator:** Howard B. Goldman, MD, FACS

- **Port Placement/ Bowel Injury**  
  **Speaker:** Maude Carmel, MD, FRCSC

- **Ligament Dissection/ Bleeding**  
  **Speaker:** Alexander Gomelsky, MD

- **Bladder Dissection/ Cystotomy/Colpotomy**  
  **Speaker:** Ja-Hong Kim, MD

- **Questions & Answers from Audience**

**11:10 a.m. - 11:25 a.m.**  
**SUFU Foundation Grant Presentation**

- Pelvic Floor Chemodenervation Offers Benefit to Patients Undergoing Physical Therapy for High Tone Pelvic Floor Dysfunction: A Prospective Cohort Trial  
  **Speaker:** Samir Derisavifard, MD

**11:25 a.m. - 11:40 a.m.**  
**Enhanced Recovery After Surgery in FPMRS**  
**Speaker:** Alana M. Murphy, MD

**11:40 a.m. - 11:50 a.m.**  
**NAFC Award Presentation**  
**Moderator:** Steven G. Gregg, PhD

**11:50 a.m. - 11:55 a.m.**  
**Diokno-Lapides Award Presentation**  
**Moderator:** Kenneth M. Peters, MD  
**Recipient:** J. Todd Purves, MD, PhD

**12:00 p.m. - 1:00 p.m.**  
**Industry Sponsored Lunch Symposium**  
**Location:** Paradise Ballroom, Salon 3

**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:** Humphrey O. Atiemo, MD  
Ashley Cox, MD, MSc, FRCSC

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<td>1:00 p.m.</td>
<td>#1</td>
<td>CHANGE OF NOCTURIA BEFORE AND AFTER HOLEP: A PROSPECTIVE STUDY</td>
<td>Hwanik Kim, MD</td>
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<td>1:10 p.m.</td>
<td>#2</td>
<td>HUMAN PROSTATE COLLAGEN INCREASES WITH AGE BUT DIMINISHES WITH INFLAMMATION</td>
<td>Wade Bushman, MD, PhD</td>
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<td>1:20 p.m.</td>
<td>#3</td>
<td>URINARY INCONTINENCE CARE FOR OLDER ADULTS: DIFFERENCE OR DISPARITY</td>
<td>Claire Burton, MD</td>
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<td>1:30 p.m.</td>
<td>#4</td>
<td>FLUID HANDLING IN THE AGING URINARY TRACT</td>
<td>Thomas F. Monaghan</td>
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<td>1:40 p.m.</td>
<td>#5</td>
<td>UROPATHOGENS FORM BIOFILMS PREDOMINANTLY ON DISTAL AND LUMINAL ASPECTS OF CATHETERS, EXHIBIT FREQUENT ANTIBIOTIC RESISTANCE, AND ARE INHIBITED BY A NOVEL CETYLPYRIDINIUM CHLORIDE BASED FORMULATION</td>
<td>Glenn T. Werneburg, MD, PhD</td>
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<td>1:50 p.m.</td>
<td>#6</td>
<td>AGREEMENT OF TRADITIONAL URINARY CULTURE AND MULTIPLEX PCR: RESULTS FROM A PROSPECTIVE STUDY</td>
<td>Annah Vollstedt, MD</td>
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<td>2:00 p.m.</td>
<td>#7</td>
<td>INITIAL EXPERIENCE OF HOLMIUM LASER ENUCLEATION OF THE PROSTATE FOLLOWING PREVIOUS PROSTATIC URETHRAL LIFT FOR MANAGEMENT OF BENIGN PROSTATIC HYPERPLASIA</td>
<td>Timothy Moonhwan Han</td>
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## 2:10 p.m.  #8
BIOINFORMATIC APPROACH FOR IDENTIFYING NOVEL BIOMARKERS AND THEIR SIGNALING PATHWAYS INVOLVED IN INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME  
Presented By: Aram Kim

### 1:00 p.m. - 2:20 p.m.

#### LUTS/Voiding Dysfunction/Neurogenic Bladder Moderated Poster Session  
**Location:** Paradise Ballroom, Salon 7-8  
**Moderators:**  
- Ekene A. Enemchukwu, MD, MPH  
- David E. Rapp, MD  

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<td>#M1</td>
<td>CAN TELEMEDICINE IMPROVE FOLLOW UP ADHERENCE AND OUTCOMES IN PATIENTS WITH OVERACTIVE BLADDER?</td>
<td>Ricardo I. Palmerola, MD</td>
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<td>#M2</td>
<td>AUDIO-VISUAL STIMULI IN AN ORAL HYDRATION STUDY: HEIGHTENED RESPONSE IN OVERACTIVE BLADDER PARTICIPANTS</td>
<td>Natalie Swavely, MD</td>
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<td>#M3</td>
<td>TREATMENT PATTERNS AND COSTS AMONG PATIENTS WITH OVERACTIVE BLADDER (OAB) RECEIVING COMBINATION ORAL THERAPY, SACRAL NERVE STIMULATION (SNS), PERCUTANEOUS TIBIAL NERVE STIMULATION (PTNS), OR ONABOTULINUMTOXINA</td>
<td>Stephen R. Kraus, MD, FACS</td>
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<td>#M4</td>
<td>EVALUATING THE QUALITY OF OVERACTIVE BLADDER PATIENT EDUCATION MATERIAL ON YOUTUBE USING THE PATIENT EDUCATION MATERIALS ASSESSMENT TOOL</td>
<td>Lunan Ji, MD</td>
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<td>PRELIMINARY ANALYSIS OF BRAIN FOOTPRINTS OF MULTIPLE SCLEROSIS WOMEN WITH DETRUSOR SPHINCTER DYSSYNERGIA: A CONCURRENT URODYNAMIC AND FMRI STUDY</td>
<td>Khue Tran</td>
<td>PRELIMINARY ANALYSIS OF BRAIN FOOTPRINTS OF MULTIPLE SCLEROSIS WOMEN WITH DETRUSOR SPHINCTER DYSSYNERGIA: A CONCURRENT URODYNAMIC AND FMRI STUDY</td>
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<td>ALPHA-1 ADRENERGIC ANATOGNISTS FOR TREATMENT OF OBSTRUCTIVE URINARY SYMPTOMS IN PATIENTS WITH MULTIPLE SCLEROSIS</td>
<td>Daniel Raza</td>
<td>ALPHA-1 ADRENERGIC ANATOGNISTS FOR TREATMENT OF OBSTRUCTIVE URINARY SYMPTOMS IN PATIENTS WITH MULTIPLE SCLEROSIS</td>
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<td>#M7</td>
<td>SAFETY OF SUPRAPUBIC CATHETER INSERTION: A CONTEMPORARY NORTH AMERICAN SERIES</td>
<td>Jane Kurtzman, MD</td>
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<td>#M8</td>
<td>EVALUATION OF INDEPENDENT PREDICTORS OF COMPLIANCE TO CONTINUED THERAPY WITH INTRADETRUSOR BOTOX INJECTION</td>
<td>Ramy Goueli, MD, MHS</td>
<td>EVALUATION OF INDEPENDENT PREDICTORS OF COMPLIANCE TO CONTINUED THERAPY WITH INTRADETRUSOR BOTOX INJECTION</td>
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### 1:00 p.m. - 2:20 p.m.

#### Open-Moderated Poster Session  
**Location:** Paradise Ballroom, Salon 2  
**Moderators:**  
- Elodi J. Dielubanza, MD  
- Jason M. Kim, MD  

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<td>#OM2</td>
<td>CYCLOSPORINE FOR THE TREATMENT OF HUNNER’S LESION INTERSTITIAL CYSTITIS</td>
<td>Annah Vollstedt, MD</td>
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<td>#OM3</td>
<td>OUTCOMES OF PROSTATIC URETHRAL LIFT IN A MEDICALLY COMPLEX US MILITARY VETERAN POPULATION</td>
<td>Shreeya Popat, MD</td>
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<td>PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA AGONIST AS A NOVEL TREATMENT FOR INTERSTITIAL CYSTITIS: A RAT MODEL</td>
<td>Craig Vance Comiter, MD</td>
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<td>INTRAVESICAL BOTULINUM TOXIN INJECTIONS FOR DETRUSOR OVERACTIVITY IN PATIENTS SUFFERING FROM MULTIPLE SCLEROSIS; APPROPRIATE CLINICAL PRACTICE FOR RETAINING THIS POPULATION</td>
<td>Michael Emanuel Goltzman, MS, MD</td>
<td>INTRAVESICAL BOTULINUM TOXIN INJECTIONS FOR DETRUSOR OVERACTIVITY IN PATIENTS SUFFERING FROM MULTIPLE SCLEROSIS; APPROPRIATE CLINICAL PRACTICE FOR RETAINING THIS POPULATION</td>
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<td>POSTOPERATIVE COMPLICATIONS AND FACTORS ASSOCIATED WITH EARLY VERSUS LATE DISCHARGED MALES FOLLOWING URETHROPLASTY</td>
<td>Ehab Eltahawey, MD, MRCS</td>
<td>POSTOPERATIVE COMPLICATIONS AND FACTORS ASSOCIATED WITH EARLY VERSUS LATE DISCHARGED MALES FOLLOWING URETHROPLASTY</td>
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Poster #OM7  “MIXED” MOTOR SACRAL NEUROMODULATION LEAD PLACEMENT RESULTS IN HIGHER IMPLANT RATES
Presented By: Kristen E. Gurtner, MD

Poster #OM8  PREVALENCE OF COITAL URINARY INCONTINENCE IN NULLIPAROUS WOMEN
Presented By: Siobhan M. Hartigan, MD

Poster #OM9  MEDIUM TERM FOLLOW UP OF PATIENT REPORTED OUTCOMES FOLLOWING COMPLETE REMOVAL OF TRANSOBTURATOR MIDURETHRAL SLING
Presented By: Sum Sum Lo, MB ChB

Poster #OM10 CHARACTERIZATION OF URETHRAL DIVERTICULA IN FEMALES
Presented By: Rohan Vaidya

Poster #OM11 THE THREE-LEVEL RECONSTRUCTION OF ADVANCED PELVIC ORGAN PROLAPSE WITH THE USE OF ULTRAMINIMESH
Presented By: Sum Sum Lo, MB ChB

Poster #OM12 AXIS™ ALLOGRAFT DERMIS FOR FEMALE PELVIC ORGAN PROLAPSE REPAIR: A POST-MARKET STUDY
Presented By: Kristene E. Whitmore, MD

Poster #OM13 THE TIME BURDEN OF SPECIALTY CLINIC VISITS FOR PERSONS WITH NEUROLOGIC DISEASE - A CASE FOR UNIVERSAL TELEMEDICINE COVERAGE
Presented By: Christopher Stephen Elliott, MD, PhD

Poster #OM14 PREOPERATIVE URODYNAMIC FINDINGS AMONG MEN UNDERGOING TRANSOBTURATOR MALE SLING
Presented By: Maria Francesca Monn, MD, MPH

Poster #OM15 PREDICTIVE FACTORS OF PNE SUCCESS IN A CONTEMPORARY SERIES: A SINGLE INSTITUTION EXPERIENCE
Presented By: Neil John Kocher, MD

Poster #OM16 USING A HUMAN FACTORS APPROACH TO DEVELOP INTERVENTIONS AIMED AT IMPROVING PATIENT EXPERIENCE WITH SACRAL NEUROMODULATION*
Presented By: Claire Burton, MD
*2017 Neuromodulation Grant Recipient

Poster #OM17 SOURCES OF CONFUSION: MEDIA COVERAGE OF THE UNITED STATES FOOD AND DRUG ADMINISTRATION BAN ON TRANSVAGINAL MESH FOR PELVIC ORGAN PROLAPSE
Presented By: Poone Shoureshi, MD

1:00 p.m. - 2:20 p.m.  LUTS/Voiding Dysfunction/Neurogenic Bladder Non-Moderated Poster Session
Location: West Pre-Function

Poster #NM1 ULTRASOUND-DEFINED BLADDER SHAPE PARAMETERS FOR IMPROVED OVERACTIVE BLADDER PHENOTYPING: A REPEATABILITY STUDY USING HEALTHY VOLUNTEERS
Presented By: Kaitlyn Maddra, MD

Poster #NM2 GETTING PATIENTS WITH OAB ADEQUATELY TREATED - ATTRITION RATES AND THIRD LINE THERAPIES IN A CONTEMPORARY PRACTICE
Presented By: David Abramowitz, MD

Poster #NM3 DECISION AIDS IMPROVE PATIENT-REPORTED SHARED DECISION MAKING: AN ANALYSIS OF SURGICAL CONSUMER ASSESSMENT OF HEALTHCARE PROVIDERS AND SYSTEMS (CAHPS) DATA
Presented By: Giulia Ippolito Lane, MD

Poster #NM4 EFFECT OF PREOPERATIVE 5ALPHA-REDUCTASSE INHIBITORS TREATMENT ON THE EFFICIENCY OF THULIUM:YAG(REVOLIX®) VAPORESECTION FOR BENIGN PROSTATIC HYPERPLASIA
Presented By: Sung Dae Kim

Poster #NM5 VALIDATION OF THE DIAGNOSTIC ACCURACY OF DIAGNOSTIC GROUPINGS OF PATIENTS WITH STORAGE LOWER URINARY TRACT SYMPTOMS GENERATED BY MACHINE LEARNING ALGORITHMS
Presented By: Kai B. Dallas, MD

Poster #NM6 A NOCTURNAL URINE TRAJECTORY INDEX FOR NOCTURNAL POLYURIA
Presented By: Thomas F. Monaghan

Poster #NM7 ARE NOCTURNAL POLYURIA AND 24-HOUR POLYURIA MUTUALLY EXCLUSIVE?
Presented By: Thomas F. Monaghan
| Poster #NM8 | RATES OF TERTIARY PROCEDURES AMONG WOMEN REFERRED FOR URINARY INCONTINENCE  
Presented By: Claire Burton, MD |
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| Poster #NM10 | TRIAMCINOLONE ACETONIDE INJECTIONS FOR THE TREATMENT OF RECALCITRANT POST-RADICAL PROSTATECTOMY VESICOURETHRAL ANASTOMOTIC STENOSIS - A LARGE MODERN-DAY SERIES  
Presented By: Sarah R. Ferrara, MD, BSCh, FRCSC |
| Poster #NM11 | NUMERACY IN FUNCTIONAL UROLOGY  
Presented By: Rachael Dana Sussman, MD |
| Poster #NM12 | A SYSTEMATIC REVIEW OF THE EVIDENCE LINKING LOW BACK PAIN AND URINARY SYMPTOMS.  
Presented By: Blayne Kaili Welk, MD |
| Poster #NM13 | CLINICAL EPIDEMIOLOGY OF BOO SUBTYPES IN MEN WITH LOWER URINARY TRACT SYMPTOMS AND NORMAL DETRUSOR CONTRACTION (CONTRACTILITY) DURING VOIDING  
Presented By: Peter Rosier, MD, PhD |
| Poster #NM14 | FACTORS ASSOCIATED WITH POST-OPERATIVE URINARY RETENTION IN PATIENTS UNDERGOING IMPLANTATION OF INFLATABLE PENILE PROSTHESIS: A SINGLE CENTER EXPERIENCE  
Presented By: John Drevik, MD |
| Poster #NM15 | APPLICATION OF MACHINE LEARNING ALGORITHMS TO CLASSIFY STORAGE LOWER URINARY TRACT SYMPTOMS  
Presented By: Kai B. Dallas, MD |
| Poster #NM16 | WHY DON'T WOMEN USE THE RESTROOM? A MIXED-METHODS STUDY ON PERCEIVED LIMITATIONS TO WORK AND PUBLIC RESTROOM USE  
Presented By: Leah Chisholm |
| Poster #NM17 | SCREENING AND MANAGEMENT OF URINARY RETENTION IN MEDICAL AND SURGICAL PATIENTS  
Presented By: Kristin Chrouser, MD, MPH |
| Poster #NM18 | LOWER URINARY TRACT DISEASE PREVENTION STRATEGIES RECOMMENDED ON SOCIAL MEDIA PLATFORMS: MIXED CORRELATION WITH EVIDENCE  
Presented By: Claire Burton, MD |
| Poster #NM19 | DEVELOPMENT OF POST-OPERATIVE URINARY RETENTION AFTER MIDURETHRAL SLING PLACEMENT: CAN WE COUNSEL PATIENTS ON DURATION?  
Presented By: Paige Kuhlmann, MD |
| Poster #NM20 | FREQUENCY OF UTIs PREDICTS POOR QUALITY OF LIFE AFTER SPINAL CORD INJURY  
Presented By: Katherine M. Theisen, MD |
| Poster #NM21 | THE TIME BURDEN OF BLADDER MANAGEMENT IN INDIVIDUALS WITH SPINAL CORD INJURY  
Presented By: Kyla Nichole Velaer, MD |
| Poster #NM22 | MIRABEGRON UTILIZATION IN THE UNITED STATES - AN INCREASING TREND  
Presented By: Kevin Chua, MD |
| Poster #NM23 | UTILIZATION OF THIRD LINE THERAPY IN THE UROLOGIC MANAGEMENT OF PATIENTS WITH MULTIPLE SCLEROSIS  
Presented By: Lee C. Baumgarten, MD |
| Poster #NM24 | LOWER URINARY TRACT SYMPTOMS IN WOMEN WITH SPINAL PATHOLOGIES: A PROSPECTIVE PREVALENCE STUDY  
Presented By: Samantha M. Raffee, MD |
| Poster #NM25 | PREDICTORS OF REHOSPITALIZATION IN PATIENTS WITH SPINAL CORD INJURY: USING DATA FROM MODEL SPINAL CORD INJURY SYSTEMS  
Presented By: Karthik Of Tanneru |
| Poster #NM26 | PELVIC FLOOR SYMPTOMS IN PATIENTS WITH MULTIPLE SCLEROSIS: AN OBSERVATIONAL STUDY  
Presented By: Elia Bassini |
### SCIENTIFIC PROGRAM

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>2:20 p.m. - 2:30 p.m.</td>
<td>Blaivas Lectureship: Lifetime Achievement Award Winner</td>
<td>From East to West: Lessons I Have Learned</td>
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<td>Moderator: Alan J. Wein, MD, PhD (hon), FACS</td>
<td>Recipient: Victor W. Nitti, MD</td>
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<tr>
<td>2:30 p.m. - 3:00 p.m.</td>
<td>Break - Visit with Exhibitors</td>
<td>Location: Arizona Ballroom H-N, South</td>
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<tr>
<td>3:00 p.m. - 3:20 p.m.</td>
<td>The Incontinent, Radiated Bladder Neck in Males: What to Do?</td>
<td>Speaker: Gregory T. Bales, MD</td>
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<tr>
<td>3:20 p.m. - 4:00 p.m.</td>
<td>Panel: Urologic Issues in Pregnancy</td>
<td>Moderator: Leslie M. Rickey, MD, MPH</td>
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<td>Stones/Hydronephrosis Panelist: Karen L. Stern, MD</td>
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<td>Urinary Diversion Panelist: Melissa R. Kaufman, MD, PhD, FACS</td>
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<td>UTI Panelist: Lysanne Campeau, MDCM, PhD, FRCSC</td>
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<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td>BREAKOUT SESSIONS</td>
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<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td>1. Enhancements to Office Based Female Pelvic Medicine/Reconstructive Practice</td>
<td>Location: Arizona Ballroom, Salons A-G</td>
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<td>This breakout session will highlight non-traditional, innovative practical implementation of ancillary services beneficial to contemporary dedicated FPMRS practice. We will cover aspects such as the use of scribes and navigators, 3-D and perineal ultrasounds, and virtual visits.</td>
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<td>Director: Michael J. Kennelly, MD</td>
<td>Panelists: Anne P. Cameron, MD, Cecile Ferrando, MD</td>
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<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td>2. Neuromodulation: Challenging Cases, What to do Next?</td>
<td>Location: Paradise Ballroom, Salon 4</td>
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<td>This breakout session will discuss challenging scenarios in neuromodulation and how to manage these situations and troubleshoot. Clinical cases will be used to support the decision making process and audience participation is encouraged.</td>
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<td>Director: Christopher J. Chermansky, MD</td>
<td>Panelists: Michael Ehlert, MD, Jason P. Gilleran, MD, Ryan M. Krlin, MD</td>
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<tr>
<td>4:00 p.m. - 5:00 p.m.</td>
<td>3. Amplifying Your Digital Footprint</td>
<td>Location: Paradise Ballroom, Salon 1</td>
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<td>This breakout session will be about enhancing your social media presence and how to handle the ever changing world of technology as we deal with online ratings and patient reviews. Furthermore, the use of visual abstracts is becoming more common and basics will be taught on how to use this important method of showcasing research.</td>
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<td>Director: Seth A. Cohen, MD</td>
<td>Clinical Practice: Yahir Santiago-Lastra, MD</td>
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<td>Panelist: Rena D. Malik, MD</td>
<td>Visual Abstracts: Nitya Abraham, MD</td>
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<td>Online Ratings/Reporting Panelist: Nitya Abraham, MD</td>
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| 5:00 p.m. - 6:30 p.m. | Male Incontinence/Urodynamics Podium Session | | Daniel S. Hoffman, MD  
Ajay K. Singla, MD |
| 5:00 p.m. | #9 | ADVERSE EVENTS ASSOCIATED WITH SYNTHETIC MALE SLINGS: AN ANALYSIS OF THE FDA MAUDE DATABASE | Hanson H. Zhao, MD |
| 5:10 p.m. | #10 | PREVALENCE OF COGNITIVE IMPAIRMENT AND SPHINCTER MISUSE AMONG MEN WITH ARTIFICIAL URINARY SPHINCTERS | Christopher Ballantyne, MD |
| 5:20 p.m. | #11 | VERY LONG TERM FOLLOW-UP IN THE MANAGEMENT OF COMPLEX BLADDER NECK CONTRACTURE AND URINARY INCONTINENCE AFTER PROSTATE CANCER TREATMENT: LESSONS LEARNED | Angelo E. Gousse, MD |
| 5:30 p.m. | #12 | A NOVEL ADJUSTABLE SLING SYSTEM FOR MALE STRESS URINARY INCONTINENCE | Ralf G. Anding, MD |
| 5:40 p.m. | #13 | INTRADETRUSOR ONABOTULINUMTOXINA FOR NON-CATHETERIZING MALES WITH NEUROGENIC DETERUSOR OVERACTIVITY | Alexandra Berger, MD |
| 5:50 p.m. | #14 | ARE NEGATIVE URINE CULTURES NEEDED PRIOR TO URODYNAMIC STUDIES IN CHILDREN? | Patricia Nicole Maymi Castrodad, MD |
| 6:00 p.m. | #15 | URODYNAMIC STAGEING AND GRADING OF MEN WITH SYMPTOMS OF LOWER URINARY TRACT DYSFUNCTION | Peter Rosier, MD, PhD |
| 6:10 p.m. | #16 | DO OVERNIGHT AMBULATORY URODYNAMICS CHANGE PATIENT MANAGEMENT AND IMPROVE SYMPTOMATIC OUTCOMES? | Richard Axell, BEng, MSc, PhD |
| 6:20 p.m. | #17 | DOES PREOPERATIVE URODYNAMICS IMPACT ON MANAGEMENT OF WOMEN WITH DETRUSOR UNDERACTIVITY CANDIDATED TO MIDDLE URETHRAL SLING FOR STRESS URINARY INCONTINENCE? | Matteo Balzarro, MD |
| 5:00 p.m. - 6:30 p.m. | Female Urology/Incontinence Moderated Poster Session | | Farzeen Firoozi, MD  
Brian J. Flynn, MD |
| Poster #M9 | UROFLOWMETRY ON POD #1 AFTER MIDURETHRAL SLING: A MEDIUM-TERM VOIDING DYSFUNCTION PREDICTOR | Javier Pizarro-Berdichevsky, MD |
| Poster #M10 | TELEMEDICINE OPTIMIZES EARLY POST-OPERATIVE FOLLOW UP AFTER SYNTHETIC MID-URETHRAL SLING (MUS): A RANDOMIZED, MULTI-INSTITUTIONAL CONTROL TRIAL | Samir Derisavifard, MD |
| Poster #M11 | VIBEGRON STATISTICALLY SIGNIFICANTLY IMPROVES QUALITY-OF-LIFE MEASURES IN PATIENTS WITH OVERACTIVE BLADDER: EMPOWUR STUDY | Jeffrey M. Frankel, MD |
| Poster #M12 | PREDICTIONAL FACTORS OF PROGRESSION TO SURGICAL TREATMENT OF STRESS URINARY INCONTINENCE AFTER DETRUSOR BOTULINUM TOXIN INJECTION Vs SACRAL NEUROMODULATION IN WOMEN WITH MIXED URINARY INCONTINENCE. | Kim H. Thai, MD |
| Poster #M13 | IS STRESS INCONTINENCE AND PELVIC ORGAN PROLAPSE SURGERY ASSOCIATED WITH THE DEVELOPMENT OF AUTOIMMUNE RHEUMATIC DISEASE? THE RESULTS OF A POPULATION-BASED COHORT STUDY | Humberto Vigil, MD, MSc |
| Poster #M14 | LIBERATE INTERNATIONAL: EVALUATION OF THE SAFETY AND EFFICACY OF THE VIVEVE TREATMENT FOR STRESS URINARY INCONTINENCE  
Presented By: Blayne Kaili Welk, MD |
| Poster #M15 | NATIONAL PATTERNS OF FILLED PRESCRIPTIONS AND THIRD-LINE TREATMENT UTILIZATION FOR WOMEN WITH OVERACTIVE BLADDER  
Presented By: Nicole Dodge, MD |
| Poster #M16 | DO RATES OF MACROPLASTIQUE® REINJECTION AMONG PATIENTS WITH OR WITHOUT MIDURETHRAL SLINGS DIFFER?  
Presented By: Jacquelyn Gonka-Griffo, MD |
Presented By: Bradley Garden, MD |
| Poster #M18 | EXPOSURE TO FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY (FPMRS) AMONG AMERICAN UROLOGY RESIDENTS  
Presented By: Jacquelyn Gonka-Griffo, MD |

5:00 p.m. - 6:30 p.m.  
Open-Moderated Poster Session  
Location: Paradise Ballroom, Salon 2  
Moderators: Ayman Mahdy, MD, PhD, Fenwa Milhouse, MD

| Poster #OM18 | CLINICAL SIGNIFICANCE OF 5-α REDUCTASE INHIBITOR AND ANDROGEN DEPRIVATION THERAPY IN BLADDER CANCER INCIDENCE, RECURRENCE, AND SURVIVAL: A META-ANALYSIS AND SYSTEMIC REVIEW  
Presented By: Aram Kim |
| Poster #OM19 | URINARY TRACT INFECTION AFTER MID-URETHRAL SLING: RATES AND RISK FACTORS  
Presented By: Kai B. Dallas, MD |
| Poster #OM20 | SLEEP FRAGMENTATION DUE TO BENIGN PROSTATIC OBSTRUCTION RELATED NOCTURNAL FREQUENCY IS RELATED TO ERECTILE DYSFUNCTION  
Presented By: Dongsup Lee |
| Poster #OM21 | ‘PERSISTENCY’: A NOVEL URINARY SYMPTOM MEASURE ECOMPASSING THE MYOFASCIAL COMPONENT OF LUTS  
Presented By: A. Lenore Ackerman, MD, PhD |
| Poster #OM22 | PILOT PROSPECTIVE STUDY FOR THE EFFICACY OF DEEP BRAIN STIMULATION IN CONTROLLING URINARY SYMPTOMS  
Presented By: Sanchita Bose, MD |
| Poster #OM23 | IS THE 50% IMPROVEMENT THRESHOLD ADEQUATE FOR PROGRESSION TO IMPLANTATION IN SACRAL NEUROMODULATION?  
Presented By: David K. Charles, MD |
| Poster #OM24 | CAUSES OF SACRAL NEUROMODULATOR REVISION BETWEEN SPECIALTY AND FELLOWSHIP TRAINED PROVIDERS: A 16-YEAR STATE-WIDE ANALYSIS  
Presented By: Michael Hung |
| Poster #OM25 | POST VOID RESIDUAL VOLUME AND RATES OF CLEAN INTERMITTENT CATHETERIZATION WITH SPONTANEOUS AND NON-SPONTANEOUS VOIDING AFTER ONABOTULINUMTOXINA TREATMENT: POOLED ANALYSIS OF TWO PHASE 3 STUDIES  
Presented By: Michael J. Kennelly, MD |
| Poster #OM26 | VAGINAL RETAINED FOREIGN OBJECTS: APPLYING A HUMAN FACTORS PERSPECTIVE  
Presented By: Colby Perkins Souders, MD |
| Poster #OM27 | SACROSPINOUS LIGAMENT FIXATION WITH OR WITHOUT APICAL TAPE FOR PELVIC ORGAN PROLAPSE. DOES IT MATTER?  
Presented By: Mauricio Plata, MD, MSc, FACS |
| Poster #OM28 | COMPLEX FEMALE PANURETHRAL STRICTURE DISEASE MANAGED WITH DORSAL AND VENTRAL DUAL BUCCAL MUCOSAL GRAFT ONLAY URETHROPLASTY  
Presented By: Maria Francesca Monn, MD, MPH |
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<tr>
<td>OM29</td>
<td>DO IMPROVEMENTS IN UPPER EXTREMITY MOTOR FUNCTION AFFECT CHANGES IN BLADDER MANAGEMENT AFTER SPINAL CORD INJURY?</td>
<td>Christopher Stephen Elliott, MD, PhD</td>
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<td>OM30</td>
<td>SHOULD WE REMOVE THE PSEUDO-CAPSULE AT TIME OF REVISION FOR SACRAL NERVE STIMULATORS? RATE OF MICROBIAL COLONIZATION.</td>
<td>Yaejee H. Hong, MD</td>
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<td>OM31</td>
<td>EVALUATION OF A NON-IMPLANTED, TRANSVAGINAL, ELECTRICAL STIMULATION CONTINENCE DEVICE FOR OVERACTIVE BLADDER: EVANESCE-OAB.</td>
<td>Suzette E. Sutherland, MD, MS, FPMRS</td>
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<td>OM32</td>
<td>URINARY ATP ANALYSIS BEFORE AND AFTER ONABOTULINUM TOXIN A INJECTIONS FOR OVERACTIVE BLADDER TREATMENT: A POTENTIAL BIOMARKER FOR OAB AND TREATMENT EFFICACY</td>
<td>Samantha Freeman</td>
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<td>OM33</td>
<td>PROLAPSE SURGERY IN THE ELDERLY AND FRAIL: COMPARING SAFETY OF RECONSTRUCTIVE VERSUS OBLITERATIVE SURGERY</td>
<td>Graham Chapman, MD</td>
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5:00 p.m. - 6:30 p.m. **Female Urology/Incontinence Non-Moderated Poster Session**

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<th>Poster #</th>
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<tr>
<td>NM27</td>
<td>IMPLEMENTATION OF A PRIMARY CARE INTERVENTION TO IMPROVE CARE FOR WOMEN WITH URINARY INCONTINENCE</td>
<td>Claire Burton, MD</td>
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<td>NM28</td>
<td>POSITIVE ASSOCIATION BETWEEN LOWER URINARY TRACT SYMPTOMS AND COITAL URINARY INCONTINENCE IN NULLIPAROUS WOMEN</td>
<td>Siobhan M. Hartigan, MD</td>
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<tr>
<td>NM29</td>
<td>IS DIGITAL ETHNOGRAPHY THE FOCUS GROUP OF THE FUTURE? FOCUS GROUPS VS. SOCIAL MEDIA ANALYSIS OF WOMEN'S EXPERIENCE WITH OVERACTIVE BLADDER (OAB)</td>
<td>Paige Kuhlmann, MD</td>
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<td>NM30</td>
<td>TREATMENT FOR URINARY INCONTINENCE IN THE NURSES' HEALTH STUDY</td>
<td>Giulia Ippolito Lane, MD</td>
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<tr>
<td>NM31</td>
<td>TRENDS IN FEMALE AUTHORSHIP WITHIN UROLOGIC LITERATURE: A COMPARISON OF 2012 AND 2017</td>
<td>Mei Nicole E Tuong, MD</td>
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<td>NM32</td>
<td>COMPLICATIONS REPORTED TO THE FOOD AND DRUG ADMINISTRATION – A COMPARISON OF MIDURETHRAL SLING PRODUCTS</td>
<td>Amanda Artsen, MD</td>
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<td>NM33</td>
<td>CONCURRENT GYNECOLOGIC ONCOLOGIC SURGERY AND URETHRAL SLINGS: AN UNDERUSED MODALITY</td>
<td>Claire Burton, MD</td>
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<td>NM34</td>
<td>CRITICAL ANALYSIS OF PELVIC ORGAN PROLAPSE CONTENT ON PINTEREST</td>
<td>Lauren Pace</td>
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<td>NM35</td>
<td>PATIENT PERSPECTIVES ON MID URETHRAL SLING SURGERY COMPLICATIONS</td>
<td>Panay Uberoi, MD</td>
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<td>NM36</td>
<td>CLINICAL PHARMACIST-LED OVERACTIVE BLADDER SUPPLEMENTAL MANAGEMENT SUPPORT: PROSPECTIVE PILOT STUDY</td>
<td>Hamza Mustafa Beano, MD</td>
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<td>NM37</td>
<td>WITHDRAWN</td>
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<td>NM38</td>
<td>PREOPERATIVE PRACTICES AMONG UROLOGY, OBSTETRICS AND GYNECOLOGY, AND PRIMARY CARE PHYSICIANS CAN IDENTIFY PRACTICE GAPS IN PROVIDING HIGH VALUE CARE</td>
<td>Shirly Solouki, MD</td>
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<td>NM39</td>
<td>REAL WORLD OUTCOMES OF INTRAVESICAL ONABOTULINUM TOXIN A IN PATIENTS WITH SYMPTOMATIC OVERACTIVE BLADDER (OAB)</td>
<td>Gemma Scrimgeour</td>
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| Poster #NM40 | OVERACTIVE BLADDER FOLLOW MIDURETHRAL SLING PLACEMENT: DE NOVO OR PERSISTENT?  
Presented By: John Michael Masterson, MD |
| Poster #NM41 | RECREATIONAL PHYSICAL ACTIVITY IS ASSOCIATED WITH DECREASED URGES URINARY INCONTINENCE: RESULTS FROM THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY  
Presented By: Vishnu Ganesan, MD |
| Poster #NM42 | TRENDS IN INNOVATION IN THE SURGICAL MANAGEMENT OF STRESS INCONTINENCE AND PELVIC ORGAN PROLAPSE: A “DEEP DIVE” INTO THE FDA 510(K) AND PREMARKET APPROVAL DATABASES  
Presented By: Cristina M. Fox, MD |
| Poster #NM43 | THE ROLE OF SUPPORT GROUPS IN THE MANAGEMENT OF URINARY INCONTINENCE IN WOMEN  
Presented By: Gina Toma |
| Poster #NM44 | INFLUENCE OF EXERCISE INTENSITY ON LUTS IN WOMEN  
Presented By: Su Jin Kim |
| Poster #NM45 | URETHROVAGINAL FISTULA: CHARACTERISTICS AND OUTCOMES  
Presented By: Sarah R. Farrara, MD, BScH, FRCSC |
| Poster #NM46 | DOES THE ORIGIN OF REFERRAL TO PHYSICAL THERAPY MATTER? COMPARISON OF REFERRAL PATTERNS AND COMPLIANCE RATES ACROSS FPMRS, GYNECOLOGY, UROLOGY, AND PRIMARY CARE  
Presented By: Morgan Elizabeth Fullerton, MD |
| Poster #NM47 | MAJOR ADVERSE CARDIOVASCULAR AND CEREBROVASCULAR EVENTS ASSOCIATED WITH FEMALE PELVIC RECONSTRUCTIVE SURGERY  
Presented By: Kasey Roberts, MD |
| Poster #NM48 | LANGUAGE DIFFERENCES BASED ON APPLICANT GENDER FOR FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY FELLOWSHIP RECOMMENDATION LETTERS  
Presented By: Samantha Freeman |
| Poster #NM49 | RATE OF DISCONTINUATION AND REASONS FOR DISCONTINUATION OF INTRAVESICAL ONABOTULINUM TOXIN A IN PATIENTS WITH SYMPTOMATIC OVERACTIVE BLADDER (OAB)  
Presented By: Gemma Scrimgeour |
| Poster #NM50 | TRANSVAGINAL MESH LONG TERM FOLLOW-UP  
Presented By: Alexandra Maria Ciota Carolan, MD |
| Poster #NM51 | LOWER URINARY TRACT SYMPTOMS (LUTS) REFRACTORY TO SACRAL NEUROMODULATION AFTER MIDURETHRAL SLING MAY BE HARBINGER OF UNDERLYING SLING COMPLICATION  
Presented By: Ramy Goueli, MD, MHS |
| Poster #NM52 | IMPACT OF THE COLPOPEXY AND URINARY REDUCTION EFFORTS (CARE) TRIAL ON PRACTICE PATTERNS IN NEW YORK STATE  
Presented By: Annie Chen, MD |
| Poster #NM53 | THE EFFECT OF THE FDA PROLAPSE MESH BAN ON ADVERSE EVENT REPORTING FOR STRESS URINARY INCONTINENCE MESH  
Presented By: Alyssa Yee, MD |
| Poster #NM54 | RISK FACTORS FOR INTRAOPERATIVE BLADDER PERFORATION AT THE TIME OF MIDURETHRAL SLING PLACEMENT  
Presented By: Paige Kuhlmann, MD |
| Poster #NM55 | ASSOCIATION BETWEEN STRESS URINARY INCONTINENCE AND METABOLIC SYNDROME IN WOMEN 20-59 YEARS  
Presented By: Stephanie Gleicher |
| Poster #NM56 | EFFECTS OF RADICAL HYSTERECTOMY ON URODYNAMICS AND RISK FACTORS OF INTERMITTENT CATHETERIZATION  
Presented By: Jung Hyun Shin, MD, PhD |
| Poster #NM57 | METABOLIC RISK FACTORS FOR UROLITHIASIS IN WOMEN WITH INCONTINENCE  
Presented By: Varun Talanki, MD |
| Poster #NM58 | POST- RADICAL CYSTECTOMY ENTEROCELE: A CASE SERIES AND REVIEW OF THE LITERATURE  
Presented By: Raju Chelluri, MD, MS |
| Poster #NM59 | HABIT VERSUS URGENCY-DRIVEN VOIDING FREQUNECY IN REFRACTORY FEMALE OAB PATIENTS 18 MONTHS FOLLOWING SELECTIVE BLADDER DENERVATION: A CASE FOR THE NEUROGENIC ETIOLOGY OF OAB  
Presented By: Eric Scott Rovner, MD |
|---|---|
| Poster #NM132 | KETAMINE CYSTITIS: SURGICAL OUTCOMES OF RECONSTRUCTIVE SURGERY  
Presented By: Gabriel Vizgan |

**FRIDAY, FEBRUARY 28, 2020**

**OVERVIEW**

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<td>5:45 a.m. - 6:30 a.m.</td>
<td>BollyX</td>
<td>Paradise Ballroom, Salon 3</td>
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<tr>
<td>6:00 a.m. - 5:30 p.m.</td>
<td>Speaker Ready Room Hours</td>
<td>Arizona Ballroom South Registration Desk, West Foyer</td>
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<tr>
<td>6:15 a.m. - 5:00 p.m.</td>
<td>Registration/Information Desk Open</td>
<td>Arizona Ballroom North Registration Desk, West Foyer</td>
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<td>6:30 a.m. - 7:45 a.m.</td>
<td>Breakfast in Exhibit Hall</td>
<td>Arizona Ballroom H-N, South</td>
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<tr>
<td>6:30 a.m. - 7:30 p.m.</td>
<td>Exhibit Hall Open</td>
<td>Arizona Ballroom H-N, South</td>
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<tr>
<td>12:00 p.m. - 1:00 p.m.</td>
<td>Industry Sponsored Lunch Symposium</td>
<td>Paradise Ballroom, Salon 3</td>
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<tr>
<td>6:10 p.m. - 7:30 p.m.</td>
<td>Cocktail Hour - Awards Recognition in Exhibit Hall</td>
<td>Arizona Ballroom H-N, South</td>
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**GENERAL SESSION**

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<tr>
<td>6:30 a.m. - 8:30 a.m.</td>
<td>Biostatistics Course*</td>
<td>Paradise Ballroom, Salon 1</td>
<td>Nazema Y. Siddiqui, MD MHS, April Slee, MS</td>
<td>*Not CME Accredited/Pre-registration for course required.</td>
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<tr>
<td>7:00 a.m. - 8:00 a.m.</td>
<td>Video Session I</td>
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Moderators: Christopher S. Elliott, MD, PhD, Javier Pizarro-Berdichevsky, MD |
| Video #1 | A SIMPLIFIED APPROACH TO FEMALE DORSAL BUCCAL GRAFT URETHROPLASTY |  
Presented By: Jerry G. Blaivas, MD |
| Video #2 | MACROPLASTISQUE EXPOSURE IN BLADDER OR URETHRA |  
Presented By: Philippe E. Zimmern, MD, FACS, FPMRS |
| Video #3 | ROBOTIC INLAY OF BUCCAL GRAFT FOR REFRACTORY BLADDER NECK CONTRACTURE |  
Presented By: Alan Quach |
| Video #4 | TRANSGENDER NEOVAGINA SACROCOLPOPEXY WITH AUTOLOGOUS FASCIA LATA |  
Presented By: Christian Owen Twiss, MD |
| Video #5 | BILATERAL URETEROVAGINAL FISTULAS AND VESICOVAGINAL FISTULA DUE TO RETAINED PEPSARY |  
Presented By: Jacqueline Zillioux, MD |
| Video #6 | OHMMETER DEMYSTIFIED: ISOLATING COMPONENT FLUID LEAK DURING AUS REVISION SURGERY |  
Presented By: Andrew Bachman |

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<td>8:00 a.m. - 8:15 a.m.</td>
<td>Annual Business Meeting* (Members Only)</td>
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### SCIENTIFIC PROGRAM

#### 8:15 a.m. - 9:45 a.m. **CONCURRENT POSTER/PODIUM SESSION**

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<td>Moderators: Z. Chad Baxter, MD  Courtenay K. Moore, MD</td>
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<td>8:15 a.m.</td>
<td>#18 SAME-DAY DISCHARGE SHOULD BE IMPLEMENTED AFTER MINIMALLY INVASIVE SACROCOLPOPEXY</td>
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<td>Presented By: Lisa C. Hickman, MD</td>
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<td>8:25 a.m.</td>
<td>#19 A COST-EFFECTIVENESS ANALYSIS OF HYSTEROPEXY COMPARED TO VAGINAL HYSTERECTOMY USING APICAL SUSPENSION FOR THE TREATMENT OF PELVIC ORGAN PROLAPSE USING A VAGINAL APPROACH</td>
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<td>Presented By: Shannon Leigh Wallace, MD</td>
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<td>8:35 a.m.</td>
<td>#20 PERIOPERATIVE COMPLICATIONS OF SURGERY FOR PELVIC ORGAN PROLAPSE IN THE ELDERLY AND FRAIL</td>
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<td>Presented By: Graham Chapman, MD</td>
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<td>8:45 a.m.</td>
<td>#21 TRENDS IN MANAGEMENT OF COMBINED RECTAL AND VAGINAL PELVIC ORGAN PROLAPSE</td>
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<td>Presented By: Jacqueline M. Speed</td>
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<td>8:55 a.m.</td>
<td>#22 COMPARISON OF MAGNETIC RESONANCE DEFECOGRAPHY GRADING WITH POP-Q STAGING AND BADEN-WALKER GRADING IN THE EVALUATION OF FEMALE PELVIC ORGAN PROLAPSE</td>
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<td>Presented By: Grant R. Pollock, MD</td>
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<td>9:05 a.m.</td>
<td>#23 DOES PRE-OPERATIVE BLADDER COMPLIANCE IMPACT RENAL FUNCTION AFTER INCONTINENT URINARY DIVERSION FOR BENIGN INDICATIONS?</td>
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<td>#24 PROSPECTIVE RANDOMIZED COMPARISON OF LONG-ACTING LIPOSOMAL BUPIVACAINE (EXPAREL) VERSUS STANDARD BUPIVACAINE (MARCAINE) FOR PAIN CONTROL FOLLOWING VAGINAL RECONSTRUCTIVE SURGERY</td>
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<td>9:25 a.m.</td>
<td>#25 AUGMENT FOR WHAT? ENTERO CYSTOPLASTY IN MODERN UROLOGICAL PRACTICE AND 30-DAY OUTCOMES USING A LARGE MULTI-CENTRED DATABASE</td>
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<td>Presented By: James Ross, MD</td>
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<td>9:35 a.m.</td>
<td>#26 SHOULD PROPHYLACTIC STRESS URINARY INCONTINENCE PROCEDURES BE PERFORMED DURING URETHRAL DIVERTICULUM REPAIR?</td>
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<td>Moderators: Jaspreet S. Sandhu, MD  Christopher F. Tenggardjaja, MD</td>
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<td>Poster #M19</td>
<td>PROCEDURAL THERAPIES FOR THE MANAGEMENT OF BOTHERSOME LONG-TERM URINARY INCONTINENCE AFTER HOLMIUM LASER ENucleATION OF THE PROSTATE</td>
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<td>Presented By: Thomas Hardacker, MD  MBA</td>
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<td>Poster #M20</td>
<td>PREDICTIVE VALUE OF URODYNAMICS FOR POST-OPERATIVE URINARY RETENTION AFTER ADVANCE® SLING PLACEMENT FOR POST-PROSTATECTOMY STRESS URINARY INCONTINENCE</td>
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<td>Presented By: Yu Zheng, MD</td>
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<td>Poster #M21</td>
<td>DETRUSOR CONTRACTILITY IN WOMEN: COMPARISON OF EVALUATION USING BLADDER CONTRACTILITY INDEX (BCI), PROJECTED ISOVOLUMETRIC PRESSURE 1 (PIP1) AND VBN CONTRACTILITY PARAMETER (k).</td>
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<td>IS INTERNATIONAL PROSTATE SYMPTOM SCORE PREDICTIVE OF URODYNAMICS FINDINGS IN MEN WITH MULTIPLE SCLEROSIS?</td>
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<td>CAN URODYNAMIC PARAMETERS PREDICT THE NEED TO CATHETERIZE AFTER INTRAVESICAL INJECTIONS OF ONABOTULINUM TOXIN A FOR OVERACTIVE BLADDER</td>
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<td>PREVALENCE OF ABNORMAL IMPEDANCE IN SACRAL NEURMODULATION DEVICES OVER TIME AND IMPLICATIONS FOR PRACTICE: A CASE-CONTROL STUDY</td>
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<td>AN OBJECTIVE METHOD TO CONFIRM NERVE RECRUITMENT THROUGHOUT ELECTRICAL STIMULATION IN SUBJECTS WITH OAB</td>
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<td>M28</td>
<td>INTERSTIM SACRAL NEUROMODULATION FOR INTRACTABLE URINARY VOIDING DYSFUNCTIONS (SOUNDS): RESULTS OF EFFECTIVENESS, QUALITY OF LIFE, PATIENT-REPORTED OUTCOMES AND SAFETY IN A FRENCH MULTICENTER OBSERVATIONAL STUDY</td>
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8:15 a.m. - 9:45 a.m. Male Incontinence/Urodynamics/Neuromodulation/Female Urology Non-Moderated Poster Session*

*Not CME Accredited

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<td>LONG-TERM TRENDS OF SURGICAL MANAGEMENT FOR MALE STRESS URINARY INCONTINENCE: ARTIFICIAL URETHRAL SPHINCTER VS MALE URETHRAL SLING - A 12 YEAR ALL-PAYER DATABASE ANALYSIS</td>
<td>Zhenyue Huang, MD</td>
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<td>NM61</td>
<td>DOES RADIATION THERAPY IMPACT OUTCOMES ON INDIVIDUALS UNDERGOING REVISION ARTIFICIAL URINARY SPHINCTER SURGERY?</td>
<td>Ross A. Avant, MD</td>
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<td>NM62</td>
<td>COMPARING PERCEPTION OF URINARY INCONTINENCE SEVERITY AND DEGREE OF BOTHER BETWEEN SPOUSES</td>
<td>Elizabeth Bearrick, MD</td>
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<td>NM63</td>
<td>REDUCED RADIATION TECHNIQUE FOR IMPLANTATION OF SACRAL NEUROMODULATION</td>
<td>Ruth Belay, MD</td>
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<td>LONGITUDINAL ANALYSIS OF URINARY ATP LEVELS BEFORE AND AFTER WEEKLY POSTERIOR TIBIAL NERVE STIMULATION TREATMENTS FOR OVERACTIVE BLADDER</td>
<td>Samantha Freeman</td>
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<td>NM65</td>
<td>OUTCOMES IN SACRAL NEUROMODULATION OF PATIENTS WITH NON-OBSTRUCTIVE URINARY RETENTION: EFFECT OF AGE AND COMORBIDITIES</td>
<td>Kim H. Thai, MD</td>
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<td>NM66</td>
<td>EVALUATION OF COHORT PROGRESSING FROM FIRST TO SECOND STAGE SACRAL NEUROMODULATION AND INDICATIONS FOR UNPLANNED DEVICE REMOVAL</td>
<td>Jonathan Maldonado, MD</td>
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<td>NM67</td>
<td>THE RELATIONSHIP BETWEEN MOTOR AND SENSORY RESPONSES IN SACRAL NEUROMODULATION</td>
<td>Anastasia Couvaras</td>
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<td>NM68</td>
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<td>Dean S. Elterman, MD, MSc, FRCSC</td>
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<td>NM69</td>
<td>USE OF TRANSCUTANEOUS POSTERIOR TIBIAL NEUROSTIMULATION (T-PTNS) IN CHILEAN PATIENTS: COULD A HOME-BASED SUPERVISED TREATMENT OPTION BE MORE EFFECTIVE THAN AN OFFICE-BASED MODEL?</td>
<td>Javier Pizarro-Berdichevsky, MD</td>
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<td>NM70</td>
<td>IS THERE A LEARNING CURVE IN SACRAL NEUROMODULATION?</td>
<td>Mitchell G. Goldenberg, MBBS, PhD</td>
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| Poster #NM71 | SACRAL NEUROMODULATION FOR NEUROGENIC LOWER URINARY TRACT SYMPTOMS IN SPINA BIFIDA AND SPINAL CORD INJURY PATIENTS  
Presented By: Yurong Mai |
| Poster #NM72 | POST-PTNS TRENDS - WHO COMMITS? A PROSPECTIVE COHORT STUDY EVALUATING POST-PTNS TREATMENT IN OVERACTIVE BLADDER  
Presented By: Caroline Brandon, MD, MSc |
| Poster #NM73 | PATIENT PERCEPTIONS OF TREATMENT OPTIONS FOR OVERACTIVE BLADDER AND THEIR LIKELIHOOD TO TRY A TRANSCUTANEOUS TIBIAL NERVE STIMULATION SYSTEM  
Presented By: Nel Elisabeth Gern, MD |
| Poster #NM74 | LONG TERM FOLLOW-UP OF IMPLANTED SACRAL NERVE STIMULATION DEVICES: AN INSTITUTIONAL REVIEW  
Presented By: Eileen Brandes, MD |
| Poster #NM75 | OUTCOMES OF PATIENTS WITH REFRACTORY OAB UNDERGOING PERCUTANEOUS TIBIAL NERVE STIMULATION IN REAL LIFE PRACTICE.  
Presented By: Wesley James Smith, BS |
| Poster #NM76 | WHICH URODYNAMIC PARAMETERS CAN PREDICT OUTCOME OF INTRAVESICAL INJECTIONS OF ONABOTULINUM TOXIN A FOR OVERACTIVE BLADDER  
Presented By: Kristina Aleksejeva |
| Poster #NM77 | DOES EMOTIONAL CONDITION IMPACT ON UROFLOWMETRY?  
Presented By: Matteo Balzarro, MD |
| Poster #NM78 | THE ROLE OF THE PREOPERATIVE POST VOID RESIDUAL URINE VOLUME IN MALES UNDERWENT TRANSURETHRAL RESECTION OF THE PROSTATE FOR LOWER URINARY TRACT SYMPTOMS  
Presented By: Matteo Balzarro, MD |
| Poster #NM79 | EFFECTIVENESS OF COGNITIVE DISTRACTORS IN DELAYING BLADDER FULLNESS SENSATION  
Presented By: Natalie Swavely, MD |
| Poster #NM80 | IS THERE AN ASSOCIATION BETWEEN URODYNAMIC AND MRI FINDINGS AMONG MULTIPLE SCLEROSIS PATIENTS WITH LOWER URINARY TRACCT SYMPTOMS?  
Presented By: Nadia Sion, BS, MS |
| Poster #NM81 | DETAILED ANALYSIS OF HEAD TO HEAD COMPARISON OF FULL URODYNAMICS WITH AIR FILLED VERSUS FLUID FILLED CATHETER SYSTEMS  
Presented By: Peter Rosier, MD, PhD |
| Poster #NM82 | POST-VOID RESIDUAL URINE IN HEALTHY YOUNG VOLUNTEERS  
Presented By: Matteo Balzarro, MD |
| Poster #NM83 | THE VALUE OF URODYNAMIC TESTING PRIOR TO SACRAL NEUROMODULATION IN PATIENTS WITH REFRACTORY OVERACTIVE BLADDER  
Presented By: Xibei Jia, MD |
| Poster #NM84 | CLINICIAN FACTORS AFFECTING DOSE OF RADIATION DURING VIDEO URODYNAMICS.  
Presented By: Habiba Yasmin |
| Poster #NM85 | UROLOGIC CHARACTERISTICS OF ADULT SPINA BIFIDA PATIENTS WHO DO NOT HAVE A CLINICAL INDICATION FOR URODYNAMICS  
Presented By: Shenelle Wilson, BSN, MD |
| Poster #NM86 | DO URODYNAMICS PREDICT URINARY RETENTION AFTER SLING PLACEMENT IN THE COMPLEX PATIENT: THE VALUE OF REPRODUCING SYMPTOMS ON URODYNAMICS  
Presented By: Nicholas Major, MD |
| Poster #NM87 | A NEW METHOD OF THE URODYNAMIC CATHETER INSERTION IN PATIENTS WITH DIFFICULT CATHETERIZATION  
Presented By: Olga Staroseltseva, MD |

9:45 a.m. - 10:15 a.m. **Female Sexual Dysfunction**  
**Speaker:** Rachel S. Rubin, MD

10:15 a.m. - 10:45 a.m. **Break - Visit with Exhibitors**  
**Location:** Arizona Ballroom H-N, South
### 10:45 a.m. - 11:30 a.m.
**Panel: When a Transgender Patient Walks into Your Office: Evaluation and Treatment of Most Common Urologic Issues**

**Moderator:** Polina Reyblat, MD  
**Panelists:** Cecile Ferrando, MD, MPH  
Ervin Kocjancic, MD  
Kamran P. Sajadi, MD

### 11:30 a.m. - 12:00 p.m.
**Complex Incontinence Cases**

**Moderator:** J. Quentin Clemens, MD

- **Urethral Diverticulum and SUI**  
  **Speaker:** Eric S. Rovner, MD
- **Incomplete Emptying and SUI**  
  **Speaker:** W. Stuart Reynolds, MD, MPH, FACS
- **Refractory OAB and Moderate Prolapse**  
  **Speaker:** Sandip P. Vasavada, MD

**Questions & Answers from Audience**

### 12:00 p.m. - 1:00 p.m.
**Industry Sponsored Lunch Symposium**  
*Location: Paradise Ballroom, Salon 3*

### 1:00 p.m. - 1:15 p.m.
**President's Address**  
**Speaker:** Kathleen C. Kobashi, MD, FACS

### 1:15 p.m. – 1:35 p.m.
**AUGS Lecture: Surgical Ergonomic**  
**Speaker:** Shawn Menefee, MD

### 1:35 p.m. – 1:45 p.m.
**Zimskind Lecture**  
**Moderator:** Alan J. Wein, MD, PhD (hon), FACS

- **Voyage on the Mentor Ship**  
  **Recipient:** Anne M. Suskind, MD, MS

### 1:45 p.m. - 2:00 p.m.
**ICS Lecture: The Translational Impact of Preclinical Models on LUT Dysfunction**  
**Speaker:** Lori A. Birder, PHD

### 2:00 p.m. - 2:30 p.m.
**Expert Surgical Theater: Male Incontinence/VD**  
**Moderator:** Kurt A. McCammon, MD

- **Male Sling**  
  **Speaker:** Craig V. Comiter, MD
- **Minimally Invasive BPH**  
  **Speaker:** James C. Ulchaker, MD, FACS

### 2:30 p.m. - 3:00 p.m.
**Break - Visit with Exhibitors**  
*Location: Arizona Ballroom H-N, South*

### 3:00 p.m. - 5:00 p.m.
**The Journal of Neurourology and Urodynamics: Peer Review Course - Learn How to Effectively Review Manuscripts***  
*Location: Paradise Ballroom, Salon 3*

**Speakers:** David A. Ginsberg, MD  
Stephen R. Kraus, MD, FACS  
Eric S. Rovner, MD

*Not CME Accredited/Pre-Registration Required*
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<td><strong>Point-Counterpoint: The Prolapsed Uterus in the Young Female: Should It Stay or Should It Go?</strong></td>
<td>Ariana L. Smith, MD</td>
<td>Nirit Rosenblum, MD</td>
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<td><strong>Hysteropexy</strong></td>
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<td>Karyn S. Eilber, MD</td>
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<td><strong>3:30 p.m. - 4:00 p.m.</strong></td>
<td><strong>Point Counterpoint: 45 Year Old Male with SCI/ Neurogenic Bladder, Impaired Compliance: The Next Step Is...?</strong></td>
<td>Toby C. Chai, MD</td>
<td>Angelo E. Gousse, MD</td>
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<td><strong>OnabotulinumtoxinA Injections</strong></td>
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<td>Jeremy L. Ockrim, MD BSc (Hons) FRCS</td>
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<td><strong>4:00 p.m. - 4:10 p.m.</strong></td>
<td><strong>Distinguished Service Award Lecture</strong></td>
<td>E. Ann Gormley, MD</td>
<td>Roger Dmochowski, MD MMHC, FACS</td>
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<td>Richard Lee, MD, MBA</td>
<td>Anne M. Suskind, MD, MS, FACS</td>
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<td><strong>#27 EFFECT OF PERCUTANEOUS TIBIAL NEUROMODULATION WITH THE NURO SYSTEM ON BRAIN ACTIVITY</strong></td>
<td>Justina Tam, MD</td>
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<td><strong>#28 INTERIM PIVOTAL STUDY EFFECTIVENESS DATA OF A COIN-SIZED TIBIAL NERVE STIMULATOR FOR URGENCY URINARY INCONTINENCE</strong></td>
<td>Alexandra E. Rogers, MD</td>
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<td><strong>#29 ONE-YEAR OUTCOMES FOR THE TREATMENT OF URINARY URGENCY INCONTINENCE WITH A MINIATURIZED, RECHARGEABLE SACRAL NEUROMODULATION SYSTEM</strong></td>
<td>Kevin D. Benson, MD, MS</td>
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<td><strong>#30 MRI CONNECTIVITY ANALYSIS PROVIDES EVIDENCE OF CNS MODE OF ACTION FOR PARASACRAL TENS-A PILOT STUDY</strong></td>
<td>Kevin D. Benson, MD, MS</td>
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<td><strong>#31 SAFETY AND EFFECTIVENESS OF FULL BODY MRI SCANNING IN SUBJECTS USING INTERSTIM THERAPY</strong></td>
<td>Kevin D. Benson, MD, MS</td>
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<td><strong>#32 PROXIMAL URETHRAL ELECTRICAL STIMULATION PROFOUNDLY IMPROVES UNDERACTIVEBLADDER FUNCTION IN RATS AFTER UNILATERAL PELVIC NERVE TRANSECTION</strong></td>
<td>Bradley Potts, MD</td>
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<td>Jennifer G. Rothschild, MD, MPH</td>
<td>Steven J. Weissbart, MD</td>
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<td><strong>Poster #M29 REAL WORLD RETROSPECTIVE STUDY OF THE PROSTATIC URETHRAL LIFT</strong></td>
<td>Daniel C. Jaffee, MD</td>
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<td><strong>Poster #M30 SAFETY AND LEGAL ENVIRONMENT FOR VAGINAL LASERS: UNCOVERING THE EVIDENCE BEHIND THE FDA SAFETY COMMUNICATION</strong></td>
<td>Colby Perkins Souders, MD</td>
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**SCIENTIFIC PROGRAM**

**Poster #M31**
### USING PAIN MECHANISM SCORES TO CHARACTERIZE PATIENTS WITH UROLOGIC CHRONIC PELVIC PAIN SYNDROME (UCPPS): NEW FINDINGS FROM THE MAPP RESEARCH NETWORK
Presented By: Michel Arthur Pontari, MD

**Poster #M32**
### FOSFOMYCIN CAN DECREASE THE NEED FOR IV ANTIBIOTIC THERAPY IN THE ADVANCED MANAGEMENT OF MENOPAUSAL WOMEN WITH RECURRENT URINARY TRACT INFECTIONS
Presented By: Timothy Field Carroll, BS

**Poster #M33**
### IS UREAPLASMA TRULY A URINARY TRACT PATHOGEN?
Presented By: Colby Perkins Souders, MD

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4:10 p.m. - 5:10 p.m. **Open-Moderated Poster Session**

**Poster #OM34**
### FRAILTY IS ASSOCIATED WITH WORSE LOWER URINARY TRACT SYMPTOMS IN A DIVERSE UROGYNECOLOGIC POPULATION
Presented By: Stephanie Wang Zuo, MD

**Poster #OM35**
### PSYCHOSOCIAL INTERVENTION FOR INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME (IC/BPS): PATIENT NEEDS AND AN EXAMINATION OF GENDER DIFFERENCES
Presented By: Sula Windgassen

**Poster #OM36**
### ASSOCIATION BETWEEN SOCIOECONOMIC STATUS AND OUTCOMES OF BENIGN PROSTATIC HYPERPLASIA SURGICAL INTERVENTIONS
Presented By: Navin Sabharwal, BA

**Poster #OM37**
### ESTIMATION OF URINARY FREQUENCY: DOES QUESTION PHRASING MATTER?
Presented By: Rachael Dana Sussman, MD

**Poster #OM38**
### DEVICE SURVIVAL AND QUALITY OF LIFE OUTCOMES FOLLOWING ARTIFICIAL URINARY SPHINCTER PLACEMENT
Presented By: Timothy C. Boswell, MD

**Poster #OM39**
### SINGLE INSTITUTIONAL EXPERIENCE WITH SINGLE-STAGED SACRAL NEUROMODULATION: COST SAVINGS AND OUTCOMES IN A CONTEMPORARY CASE SERIES
Presented By: Wai Lee, MD

**Poster #OM40**
### ELEVATED URINARY PRONGF TO NGF RATIO IN OVERACTIVE BLADDER SYNDROME IN AN AGING FEMALE POPULATION
Presented By: Abubakr H. Mossa, MD, MSc

**Poster #OM41**
### CONTINUING EDUCATION FOR THE UROLOGY CLINICAL STAFF: FOCUSED TRAINING FOR OUR FRONTLINE
Presented By: Wai Lee, MD

**Poster #OM42**
### ARE THE OUTCOMES OF SURGICAL TREATMENT OF WOMEN WITH RECURRENT STRESS URINARY INCONTINENCE (SUI) AS GOOD AS THOSE IN WOMEN WITH PRIMARY SUI?
Presented By: Huriye Gizem Kocadag

**Poster #OM43**
### DO PREOPERATIVE DEMOGRAPHICS OR SYMPTOMS PREDICT RECURRENCE IN PATIENTS FOLLOWING COMBINED SURGICAL REPAIR FOR PELVIC ORGAN PROLAPSE AND RECTAL PROLAPSE?
Presented By: Shannon Leigh Wallace, MD

**Poster #OM44**
### A COMPARISON OF ARTIFICIAL URINARY SPHINCTER OUTCOMES AFTER PRIMARY IMPLANTATION AND FIRST REVISION SURGERY
Presented By: Kevin J. Hebert, MD

**Poster #OM45**
### GENDER IMPACT ON BLADDER-RELATED OUTCOMES AND QUALITY OF LIFE AFTER PARAPLEGIC SPINAL CORD INJURY
Presented By: Sara M. Lenherr, MD, MS, FPMRS

**Poster #OM46**
### IMPACT OF SURGEON'S EXPERIENCE IN LONG-TERM OUTCOME OF SACRAL NEUROMODULATION
Presented By: Dean S. Elterman, MD, MSc, FRCSC

**Poster #OM47**
### DISCUSSION URINARY INCONTINENCE WITH PROVIDERS IN THE NURSES' HEALTH STUDIES
Presented By: Giulia Ippolito Lane, MD
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<th>Poster #</th>
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<tr>
<td>#OM48</td>
<td>HIGH-DENSITY SURFACE ELECTROMYOGRAPHIC ASSESSMENT OF PELVIC FLOOR HYPERTONICITY IN IC/BPS PATIENTS</td>
<td>Yingchun Zhang, PhD *2020 SUFU Clinical Essay Winner *</td>
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<tr>
<td>#OM49</td>
<td>PATIENT SATISFACTION IMPROVED WHEN PATIENTS SEEN BY MULTIPLE PROVIDERS AT A MULTIDISCIPLINARY PELVIC HEALTH CENTER</td>
<td>Jacqueline M. Speed, MD</td>
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<tr>
<td></td>
<td><strong>4:10 p.m. - 5:10 p.m.</strong> IC/Pelvic Pain/Geriatrics/BPH/LUTS Non-Moderated Poster Session*</td>
<td>*Not CME Accredited</td>
</tr>
<tr>
<td>#NM88</td>
<td>IMMUNE CELL PROFILES AND CYTOKINE LEVELS WITHIN HUNNER’S LESION OF INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME PATIENTS</td>
<td>Joel Stern, PhD</td>
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<tr>
<td>#NM89</td>
<td>UROPATHOGEN ISOLATES FROM SPORADIC URINARY TRACT INFECTIONS COMPARED TO RECURRENT INFECTION: CONSIDERATIONS FOR A UROGYNECOLOGIC POPULATION</td>
<td>Megan Sara Bradley, MD</td>
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<td>#NM90</td>
<td>PARALYZING PAIN: INTRADETRUSOR BOTULINUM TOXIN A INJECTION VIA FLEXIBLE CYSTOSCOPY FOR TREATMENT OF INTERSTITIAL CYSTITIS</td>
<td>Lauren D. Gleich, DO,BS</td>
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<tr>
<td>#NM91</td>
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<td>#NM92</td>
<td>OUTCOMES OF SECONDARY ELECTROFULGURATION IN THE MANAGEMENT OF WOMEN WITH ANTIBIOTIC-REFRACTORY RECURRENT URINARY TRACT INFECTIONS</td>
<td>Jacqueline Chavez, BS</td>
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<tr>
<td>#NM93</td>
<td>UROPATHOGENIC BACTERIA ISOLATED FROM HUMAN CATHETER BIOFILMS EXHIBIT DECREASED GROWTH IN HYPERTONIC SALINE RELATIVE TO NORMAL SALINE CONTROLS</td>
<td>Glenn T. Werneburg, MD, PhD</td>
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<td>#NM94</td>
<td>HUNNER LESION PHENOTYPE IN IC/BPS (INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME): A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>Nicholas Pickersgill</td>
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<td>#NM95</td>
<td>LONGITUDINAL CHANGES IN THE “PELVIC PAIN ONLY” AND “WIDESPEAD PAIN” PHENOTYPES IN THE MAPP UROLOGIC CHRONIC PELVIC PAIN SYNDOME (UCPPS) COHORT</td>
<td>H. Henry Lai, MD</td>
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<td>#NM96</td>
<td>PATIENT PERSPECTIVES ON CANNABINOIDS FOR INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME</td>
<td>Kate Anderson, MD</td>
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<tr>
<td>#NM97</td>
<td>PRELIMINARY REPORT OF A NOVEL THERAPY FOR CHRONIC PELVIC PAIN: SOLA THERAPY</td>
<td>Charles W. Butrick, MD, FPMRS</td>
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<tr>
<td>#NM98</td>
<td>URINARY TRACT INFECTION PRESENTATION OF ELDERLY PATIENTS AND THE DECISION TO EMPIRICALLY TREAT</td>
<td>Anna Vollstedt, MD</td>
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<tr>
<td>#NM99</td>
<td>THE EFFECT OF DIET ON URINARY PH FLUCTUATIONS AMONG OLDER WOMEN WITH RECURRENT URINARY TRACT INFECTIONS</td>
<td>Jacqueline Chavez, BS</td>
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<tr>
<td>#NM100</td>
<td>APPLYING TIME-DRIVE ACTIVITY-BASED COSTING (TDABC) TO WOMEN WHO UNDERWENT FULGURATION FOR THE MANAGEMENT OF RECURRENT URINARY TRACT INFECTIONS</td>
<td>Amy Kuprasertkul, BS</td>
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<tr>
<td>#NM101</td>
<td>CYSTOSCOPIC ANTIBIOTIC IRRIGANT TO REDUCE POSTOPERATIVE URINARY TRACT INFECTIONS AFTER PELVIC RECONSTRUCTION AND MINIMALLY INVASIVE GYNECOLOGIC SURGERY: A RANDOMIZED CONTROLLED TRIAL</td>
<td>Emily Slopnick, MD</td>
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| Poster #NM102 | PELVIC FLOOR TENDERNESS REPRODUCES PELVIC PAIN IN UROLOGIC CHRONIC PELVIC PAIN SYNDROME: FINDINGS FROM MULTIDISCIPLINARY APPROACH TO THE STUDY OF CHRONIC PELVIC PAIN (MAPP) STUDY  
Presented By: Priyanka Gupta, MD |
| Poster #NM103 | DISCREPANCIES IN PATIENT AND PHYSICIAN PERSPECTIVES OF QUALITY OF CARE DELIVERED TO PATIENTS WITH RECURRENT URINARY TRACT INFECTIONS  
Presented By: Taylor Sadun, MD |
| Poster #NM104 | COMPARISON OF DEEP PHENOTYPING FEATURES OF UCPPS PATIENTS WITH AND WITHOUT HUNNER LESION – A MAPP RESEARCH NETWORK STUDY  
Presented By: H. Henry Lai, MD |
| Poster #NM105 | PREVALENCE AND CHARACTERIZATION OF DYSPAREUNIA IN A GENERAL UROLOGY CLINIC POPULATION  
Presented By: Jacqueline Zillioux, MD |
| Poster #NM106 | INTERSTITIAL CYSTITIS EXAMINATION OF THE CENTRAL AUTONOMIC NETWORK (ICECAN): DESIGN AND METHODS  
Presented By: Katherine Sheridan |
| Poster #NM107 | REASONS FOR MISDIAGNOSIS OF INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME (IC/BPS) IN A NATIONAL COHORT OF VA PATIENTS  
Presented By: Kai B. Dallas, MD |
| Poster #NM108 | INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME WITH CO-OCCURRING ENDOMETRIOSIS: A COMMON CLINICAL PHENOTYPE IN CHRONIC PELVIC PAIN SYNDROME  
Presented By: Tyler Lynne Overholt, MD |
| Poster #NM109 | TRAUMA-INFORMED CARE PRACTICES IN THE TREATMENT OF INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME  
Presented By: Lindsey Colman McKernan, PhD |
| Poster #NM110 | ASYMPTOMATIC BACTERIURIA IS NOT ASSOCIATED WITH FREQUENCY OF SYMPTOMATIC URINARY TRACT INFECTIONS IN PATIENTS WHO ARE CATHETER DEPENDENT  
Presented By: Alyssa Kay Greiman, MD |
| Poster #NM111 | FACTORS CONTRIBUTING TO THE CONVERSION OF HOLMIUM ENucleATION OF THE PROSTATE TO AN OPEN OR HYBRID PROCEDURE  
Presented By: Timothy Moonhwan Han |
| Poster #NM112 | WITHDRAWN |
| Poster #NM113 | COMPARISON OF BIPOLAR PLASMA VAPORIZATION VERSUS STANDARD HOLMIUM LASER ENucleATION OF THE PROSTATE: SURGICAL PROCEDURES AND CLINICAL OUTCOMES FOR SMALL PROSTATE VOLUMES  
Presented By: Kang Sup Kim |
| Poster #NM114 | CONTINUATION OF ANTIPLATELET AND/OR ANTIcoAGULATION IN PATIENTS UNDERGOING TRANSURETHRAL CONvective WATER VAPOR THERAPY FOR BPH  
Presented By: David Y. Yang, MD |
| Poster #NM115 | IMPACT OF BODY MASS INDEX ON OUTCOMES FOLLOWING LASER PHOToseLECTive VAPORIZATION OF THE PROSTATE  
Presented By: Hudson Pierce |
| Poster #NM116 | PERSISTENT LOWER URINARY TRACT SYMPTOMS FOLLOWING UROLIFT: DOES REMOVAL HELP?  
Presented By: Samantha C. Nealon, MD |
| Poster #NM117 | FEASIBILITY AND SAFETY OF MONOPOLAR TRANSURETHRAL RESECTION OF THE PROSTATE IN THE OUTPATIENT SETTING  
Presented By: Marie-Pier St-Laurent, MD |
| Poster #NM118 | NEGATIVE PSA VELOCITY AS A PREDICTOR OF NEGATIVE BIOPSY IN PATIENTS WITH ELEVATED PSA  
Presented By: Jeffrey Arace |
### BREAKOUT SESSIONS

#### 5:10 p.m. - 6:10 p.m.

**1. Meeting the Challenges of an Independent Urology Practice: What are the Future Options?**  
*Location: Arizona Ballroom, Salons A-G*

This breakout session will review assessing practice value, physician compensation trends, discuss mergers and private equity acquisitions of practices, and discuss ancillary opportunities within a private FPMRS practice.

**Director:** David O. Sussman, DO  
**Panelists:** Arthur P. Mourtzinos, MD, MBA  
Sanford J. Siegel, MD

#### 5:10 p.m. - 6:10 p.m.

**2. Advanced Urodynamics**  
*Location: Paradise Ballroom, Salon 4*

This breakout session will cover challenging urodynamics scenarios and use case examples to bring out important technical points in the studies and showcase troubleshooting opportunities for the participant.

**Director:** Stephen R. Kraus, MD, FACS  
**Panelists:** E. Ann Gormley, MD  
Alvaro Lucioni, MD  
Victor W. Nitti, MD

#### 5:10 p.m. - 6:10 p.m.

**3. Complex Cases in FPMRS (Bring Your Toughest Cases to Our Panel)**  
*Location: Paradise Ballroom, Salon 1*

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.

**Director:** J. Quentin Clemens, MD  
**Panelists:** Christopher S. Elliott, MD, PhD  
Mauricio Plata, MD, MSc, FACS  
Matthew P. Rutman, MD

#### 6:10 p.m. - 7:30 p.m.

**Cocktail Hour - Awards Recognition in Exhibit Hall**  
*Location: Arizona Ballroom H-N, South*
SATURDAY, FEBRUARY 29, 2020

OVERVIEW

6:30 a.m. - 12:00 p.m.  Registration/Information Desk Open
   Location: Arizona Ballroom North Registration Desk, West Foyer

6:30 a.m. - 12:00 p.m.  Speaker Ready Room Hours
   Location: Arizona Ballroom South Registration Desk, West Foyer

6:30 a.m. - 8:00 a.m.  Breakfast
   Location: West Foyer

GENERAL SESSION

7:00 a.m. - 8:00 a.m.  Video Session II
   Moderators: Aqsa A. Khan, MD
                 Steven J. Weissbart, MD

   Video #7  ROBOTIC SACROCOLOPEXY: TIPS FOR EFFICIENCY
             Presented By: Siri Drangsholt, MD

   Video #8  BLADDER AUGMENTATION CYSTOPLASTY
             Presented By: Philippe E. Zimmern, MD, FACS, FPMRS

   Video #9  OPPORTUNISTIC SALPINGECTOMY
             Presented By: Archana Rajender, MD

   Video #10 VAGINAL FREE GRAFT DORSAL ONLAY URETHROPLASTY
              Presented By: Alex F. Borchert, MD

   Video #11 SURGICAL MANAGEMENT OF URETHRAL DIVERTICULUM
              Presented By: Yaejee H. Hong, MD

   Video #12 MANAGEMENT OF THE “DIFFICULT FOLEY”: CATHETER OVER WIRE AND SUPRAPUBIC
              Presented By: Alan Quach

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

8:00 a.m. - 9:30 a.m.  Female Urology/Incontinence Podium Session
   Moderators: Donna Y. Deng, MD, MS
                 Lee A. Richter, MD

   8:00 a.m.  #33 CHANGES IN THE BRAIN CONTROL OF THE OVERACTIVE BLADDER IN WOMEN AFTER
              ONABOTULINUMTOXINA
              Presented By: Christopher John Chermansky, MD

   8:10 a.m.  #34 URINARY AEROCOCCUS DEFINES A SEVERE, TREATMENT-REFRACTORY PHENOTYPE OF URGENCY
              URINARY INCONTINENCE IN OLDER WOMEN
              Presented By: Paige Kuhlmann, MD

   8:20 a.m.  #35 URINARY INCONTINENCE REFERRAL PATTERNS IN ACADEMIC AND COUNTY HOSPITALS: THE IMPACT OF
              ECONSULT
              Presented By: Claire Burton, MD

   8:30 a.m.  #36 VIBEGRON SHOWS STATISTICALLY SIGNIFICANT IMPROVEMENT IN SECONDARY EFFICACY MEASURES IN
              OVERACTIVE BLADDER: EMPOWUR STUDY
              Presented By: David R. Staskin, MD

   8:40 a.m.  #37 VERY LONG TERM OUTCOMES OF AUTOLOGOUS PUBOVAGINAL FASCIA SLINGS FOR URINARY
              INCONTINENCE IN WOMEN
              Presented By: Sandy Kim, BS

   8:50 a.m.  #38 URODYNAMIC CHARACTERISTICS OF FEMALE WITH OAB SYMPTOMS DIAGNOSED AS BLADDER OUTLET
              OBSTRUCTION
              Presented By: Su Jin Kim
### Scientific Program

**8:00 a.m. - 9:30 a.m.**  
**LUTS/Voiding Dysfunction/Neurogenic Bladder Podium Session**  
*Location: Paradise Ballroom, Salon 4*  
*Moderators: Marisa Clifton, MD, FACS  
Adonis K. Hijaz, MD*

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<tr>
<td>9:00 a.m.</td>
<td>#39</td>
<td>ANALYSIS OF SURGICAL PERFORMANCE IN MID-URETHRAL SLING SURGERY: WHAT A “MESH!”</td>
<td>Caitlin Lim, DO, MS</td>
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<td>9:10 a.m.</td>
<td>#40</td>
<td>BLADDER NECK AND URETHRAL EXPOSURE AFTER MACROPLASTIQUE INJECTIONS</td>
<td>Dayron Rodriguez, MD, MPH</td>
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<tr>
<td>9:20 a.m.</td>
<td>#41</td>
<td>IS THERE A DIFFERENCE IN DEMENTIA OR DEPRESSION RISK WHEN ANTICHOLINERGICS OR BETA-3 AGONISTS ARE USED IN OVERACTIVE BLADDER PATIENTS?</td>
<td>Blayne Kaili Welk, MD</td>
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#### Poster Session

**8:00 a.m. - 9:30 a.m.**  
**Pelvic Organ Prolapse/Reconstruction Moderated Poster Session**  
*Location: Paradise Ballroom, Salon 7-8*  
*Moderators: Jerry G. Blaivas, MD  
Suzette E. Sutherland, MD, MS, FPMRS*

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<tr>
<td>#M34</td>
<td>A COMPARISON OF OUTCOMES FOR PELVIC ORGAN PROLAPSE SURGERY BETWEEN NURSING HOME RESIDENTS AND COMMUNITY-DWELLING OLDER ADULTS</td>
<td>Anne M. Suskind, MD, MS</td>
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<tr>
<td>#M35</td>
<td>EARLY POSTOPERATIVE COMPLICATIONS AND FACTORS ASSOCIATED WITH EARLY VERSUS LATE DISCHARGE OF PATIENTS UNDERGOING SURGERY FOR PELVIC ORGAN PROLAPSE. A NATIONAL REPORT</td>
<td>Ehab Eltahawy, MD, MRCS</td>
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<tr>
<td>#M36</td>
<td>TOTAL HYSTERECTOMY IS MORE COMMON THAN SUPERACERVICAL HYSTERECTOMY AT THE TIME OF CONCURRENT SACROCLOPOPEXY</td>
<td>Emily Slopnick, MD</td>
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<tr>
<td>M37</td>
<td>VENOUS THROMBOEMBOLISM PROPHYLAXIS IN VAGINAL SURGERY FOR PELVIC ORGAN PROLAPSE: PREDICTORS OF HIGH RISK IN A LOW RISK POPULATION</td>
<td>Christina Escobar, MD</td>
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<td>M38</td>
<td>SPINE STRUCTURE COMPARISON IN SUBJECTS WITH AND WITHOUT PELVIC ORGAN PROLAPSE</td>
<td>Alexandra Marasco</td>
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<td>M39</td>
<td>VALIDATION OF THE PELVIC FLOOR AWARENESS AND KNOWLEDGE SURVEY (PFAKS)</td>
<td>Claire Burton, MD</td>
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<td>M40</td>
<td>POST-OPERATIVE VOIDING DYSFUNCTION IN THE MANAGEMENT OF FEMALE URETHRAL STRicture: A DETAILED ANALYSIS</td>
<td>Didi Theva, MD</td>
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<td>M41</td>
<td>FACTORS IMPACTING URETERAL INJURY LITIGATION PROCEEDINGS: SETTLEMENT AND ARBITRATION VERSUS JURY TRIAL</td>
<td>Raevti Bole, MD, MA</td>
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<td>M42</td>
<td>ROBOTIC BUCCAL MUCOSA GRAFT URETEROPLASTY FOR BENIGN URETERAL STRUCTURE DISEASE; IS OMENTAL FLAP INTERPOSITION ALWAYS NECESSARY?</td>
<td>Alan Quach</td>
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<tr>
<td>M43</td>
<td>SEXUAL FUNCTION AFTER PENILE INVERSION VAGINOPLASTY</td>
<td>Virginia Y. Li, MD</td>
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8:00 a.m. - 9:30 a.m. Pelvic Organ Prolapse/Reconstruction/Neurogenic Bladder and Female Urology Non-Moderated Poster Session*

*Not CME Accredited

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<td>NM119</td>
<td>PELVIC ORGAN PROLAPSE ON YOUTUBE: EVALUATION OF CONSUMER INFORMATION</td>
<td>Amber Herbert</td>
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<tr>
<td>NM120</td>
<td>THE TRANSVAGINAL PELVIC ORGAN PROLAPSE MESH BAN - UNFAIRLY INCLUDING BIOLOGIC PRODUCTS?</td>
<td>Christopher Stephen Elliott, MD, PhD</td>
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<td>NM121</td>
<td>RECURRENCE OF APICAL PROLAPSE: COMPARISON BETWEEN ABSORBABLE AND NON-ABSORBABLE SUTURES</td>
<td>Javier Pizarro-Berdichevsky, MD</td>
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<td>NM122</td>
<td>PREOPERATIVE PATIENT EDUCATION FOR PELVIC ORGAN PROLAPSE MOST OFTEN DONE BY PERSONAL INTERVIEW AND PRINT MATERIALS</td>
<td>Amy Nemirovsky, MS</td>
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<td>NM123</td>
<td>COMPARING TRANSVAGINAL MESH UTILIZATION IN UROGYNECOLOGIC SURGERIES BETWEEN ACADEMIC AND NON-ACADEMIC INSTITUTIONS IN NEW YORK STATE</td>
<td>Alexandra Siegal</td>
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<td>NM124</td>
<td>PREFERRED SURGICAL APPROACH FOR APICAL PELVIC ORGAN PROLAPSE RECONSTRUCTION SURGERY IN ELDERLY PATIENTS: STATE-WIDE ANALYSIS</td>
<td>Alexandra Siegal</td>
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<td>NM125</td>
<td>AUTOLOGOUS FASCIA LATA GRAFTS FOR THE REPAIR OF ANTERIOR COMPARTMENT PELVIC ORGAN PROLAPSE</td>
<td>Margeaux Dennis, DO</td>
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<tr>
<td>NM126</td>
<td>VALIDATED SURGICAL STEPS OF THE ROBOTIC ASSISTED SACROCOLPOPEXY OPERATION</td>
<td>Kai B. Dallas, MD</td>
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<td>NM127</td>
<td>AUTOMATIC SEGMENTATION AND 3D VISUALIZATION OF PELVIC MESH USING MATHEMATICAL MODELLING AND MACHINE LEARNING TECHNIQUES IN MRI</td>
<td>Gaik Ambartsoumian, PhD</td>
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<td>NM128</td>
<td>URODYNAMIC CHANGES OF BLADDER FUNCTION ACCORDING TO THE DEGREES OF CYSTOCELE</td>
<td>Hyeon Woo Kim</td>
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<td>NM129</td>
<td>EXTRAPERITONEAL SACROCOLPOPEXY WITH PVDF VISIBLE MESH</td>
<td>Ralf G. Anding, MD</td>
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<tr>
<td>NM130</td>
<td>PATIENT OUTCOMES UTILIZING DISTAL LEVATOR Plication (DLP) for prolapse repair: a single-surgeon experience</td>
<td>Michele Fascelli, MD</td>
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<td>NM131</td>
<td>Correlation of presenting symptoms with explanted synthetic mid-urethral sling pathology findings</td>
<td>Rahul S. Patel, BS</td>
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<td>NM133</td>
<td>AutoLOGous fascia sacrocolpopexy for pelvic organ prolapse: safety and short-term outcomes</td>
<td>Janine L. Oliver, MD</td>
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<tr>
<td>NM134</td>
<td>Single Institute experience with female buccal mucosa graft urethroplasty</td>
<td>David Koslov, MD</td>
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<td>Coding</td>
<td>Mark N. Painter</td>
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<td>10:15 a.m. - 10:30 a.m.</td>
<td>Theoretical basis for neuromodulation</td>
<td>Bradley C. Gill, MD, MS</td>
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<tr>
<td>10:30 a.m. - 10:45 a.m.</td>
<td>Flap use in reconstructive urology</td>
<td>Christian O. Twiss, MD</td>
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<tr>
<td>10:45 a.m. - 11:15 a.m.</td>
<td>The chronic SP Tube patient: what to do cases</td>
<td>Stephanie J. Kielb, MD</td>
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<td>Recurrent UTI</td>
<td>Tracey S. Wilson, MD, FACS</td>
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<td>Still leaking</td>
<td>Sarah E. McAChran, MD, FACS</td>
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<td>Encrustation/Clogs/Obstructed</td>
<td>Sara M. Lentherr, MD, MS, FPMRS</td>
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<td>11:15 a.m. - 11:30 a.m.</td>
<td>ABU update on FPMRS recertification</td>
<td>Roger R. Dmochowski, MD, MMHC, FACS</td>
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<td>11:30 a.m. - 12:00 p.m.</td>
<td>Panel: International perspectives on the use of synthetic mesh slings</td>
<td>Michael E. Albo, MD</td>
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<td></td>
<td>South America</td>
<td>Marcio A. Averbeck, MD, MSc, PhD</td>
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<td></td>
<td>UK</td>
<td>Tamsin J. Greenwell, MBChB, MD FRCS(Urol)</td>
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<td>Canada</td>
<td>Blayne K. Welk, MD</td>
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<td>Continental Europe</td>
<td>Matteo Balzarro, MD</td>
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<tr>
<td>12:00 p.m. - 12:15 p.m.</td>
<td>Adjourn</td>
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2020 Annual Business Meeting Agenda

Society for Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction

Friday, February 28, 2020
8:00 a.m. – 8:15 a.m.

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

1. Approval of 2019 Minutes and Thank You to Program Chairs
2. Treasurer’s Report
3. Awards Committee Report
4. Membership Committee Report
5. Necrology Report – Alan J. Wein, MD, PhD (hon), FACS
6. SuRN Update – Una Lee, MD & Giulia Lane, MD
7. Other
Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction
2020 Fellows Forum
*Not CME Accredited*

Wednesday, February 26, 2020
1:30 p.m. – 5:30 p.m.

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

Location: Paradise Ballroom, Salon 4
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. – 1:45 p.m.  Physician Leadership – Is it for me?
Kathleen C. Kobashi, MD, FACS

1:45 p.m. – 1:55 p.m.  SUFU – Why and How to Get Involved
Sandip P. Vasavada, MD

1:55 p.m. – 2:40 p.m.  Health Care Economics
Fred Kurtz

2:40 p.m. – 3:00 p.m.  Getting a Job and the Beginning of Practice- What I Thought Then and What I Know Now
Maude Carmel, MD, FRCSC
Jason M. Kim, MD
Rena D. Malik, MD
Yahir Santiago-Lastra, MD

3:00 p.m. – 3:15 p.m.  Break

3:15 p.m. – 5:15p.m.  Fellow Abstract Presentations
(Group 1 and 2 are held concurrently)

Group 1
Moderators:  Emily E. Cole, MD
Tracey Wilson, MD, FACS

Group 2
Moderators:  Daniel S. Hoffman, MD
Anne M. Suskind, MD, MS

5:15 p.m. – 5:30p.m.  Wrap Up/Q & A
Breakout Group One

Location: Paradise Ballroom, Salon 4
Moderators: Emily E. Cole, MD
            Tracey Wilson, MD, FACS

3:15 p.m. – 3:23 p.m.  Omer Acar, MD
3:23 p.m. – 3:31 p.m.  Christina Escobar, MD
3:31 p.m. – 3:39 p.m.  Sarah Ferrara, BScH, MD, FRCSC
3:39 p.m. – 3:47 p.m.  Alyssa Greiman, MD
3:47 p.m. – 3:55 p.m.  Lori Jones, MD
3:55 p.m. – 4:03 p.m.  Geraldine Klein, MD
4:03 p.m. – 4:11 p.m.  Wai Lee, MD
4:11 p.m. – 4:19 p.m.  Caitlin Lim, MD
4:19 p.m. – 4:27 p.m.  Frank Lin, MD, MS
4:27 p.m. – 4:35 p.m.  Unwanaobong Nseyo, MD, MHS
4:35 p.m. – 4:43 p.m.  David Ossin, MD
4:43 p.m. – 4:51 p.m.  Whitney Smith, MD
4:51 p.m. – 4:59 p.m.  Jacqueline Speed, MD
4:59 p.m. - 5:07 p.m.  Pansy Uberoi, MD, MPH

5:15 p.m. – 5:30 p.m.  Wrap Up/Q & A

Breakout Group Two

Location: Paradise Ballroom, Salon 5
Moderator: Daniel S. Hoffman, MD
           Anne M. Suskind, MD, MS

3:15 p.m. – 3:23 p.m.  Caroline Brandon, MD, MSc
3:23 p.m. – 3:31 p.m.  Rebecca Briskin, DO, MS
3:31 p.m. – 3:39 p.m.  Samir Derisavifard, MD
3:39 p.m. – 3:47 p.m.  Ramy Goueli, MD, MHS
3:47 p.m. – 3:55 p.m.  Siobhan Hartigan, MD
3:55 p.m. – 4:03 p.m.  Neil Kocher, MD
4:03 p.m. – 4:11 p.m.  Giulia Lane, MD
4:11 p.m. – 4:19 p.m.  Samantha Raffee, MD
4:19 p.m. – 4:27 p.m.  Elizabeth Rourke, DO, MPH
4:27 p.m. – 4:35 p.m.  Tope Rude, MD
4:35 p.m. – 4:43 p.m.  Jessica Rueb, MD
4:43 p.m. – 4:51 p.m.  Emily Slopnick, MD
4:51 p.m. – 4:59 p.m.  Rachel Sosland, MD
4:59 p.m. - 5:07 p.m.  Michelle Van Kuiken, MD
5:07 p.m. - 5:15 p.m.  Annah Vollstedt, MD

5:15 p.m. – 5:30 p.m.  Wrap Up/Q & A
Wednesday, February 26, 2020
3:15 p.m. – 4:30 p.m.

PANEL 5: METABOLIC SYNDROME AND DIABETES
Lysanne Campeau, MDCM, PhD, FRCSC
Jewish General Hospital
Montreal, QC

Metabolic syndrome exerts its deleterious effect on the body through low-grade chronic inflammatory response and a dysregulation of energy metabolism. This primarily leads to changes in energy generating pathways in the bladder such as mitochondrial activity and oxidative phosphorylation in the Krebs cycle.

Krebs cycle metabolites, such as succinate and α-ketoglutarate, increase in circulation in response to metabolic unbalances seen in metabolic syndrome. We have shown that urinary metabolites of the Krebs cycle and of glycolysis intermediates that correlate significantly with symptom severity. High levels of metabolites such as itaconate and α-hydroxyglutarate correlated to changes in ATP levels, suggesting an important molecular effect on the bladder.

The rise in reactive oxygen species in metabolic syndrome can lead to mitochondrial dysfunction responsible for changes in bladder physiology. Alterations in energy generating pathways can lead to the increased production of urinary neurotrophins, cytokines and prostaglandins associated with OAB.
Thursday, February 27, 2020
8:40 a.m. - 9:00 a.m.

POINT-COUNTERPOINT: INTERSTITIAL CYSTITIS/BPS - SYSTEMIC THERAPIES ARE NECESSARY
Kenneth M. Peters, MD
Beaumont Health: Oakland University
Royal Oak, MI

Systemic Therapies are Necessary

- Millions of patients are “labeled” with IC/BPS
- Typical symptoms are pelvic pain with urinary frequency and urgency
- Decades of research including millions of dollars spent by the NIH has failed to show bladder directed therapy is better than a placebo in IC/BPS
- The only NIH trials showing benefit in IC/BPS compared to sham was when patients were treated with internal myofascial release of pelvic floor muscles compared to a generalized therapeutic massage
- Over 80% of patients with IC/BPS have significant pelvic floor dysfunction
- A coordinated pelvic floor is important for normal voiding function
- Pelvic floor muscle spasm can result in urinary frequency, urgency, hesitancy, dyspareunia, pelvic pain and bowel dysfunction
- The pudendal nerve (S2-4) has 3-distinct branches (genital, perineal and rectal) and has been implicated in symptoms associated with IC/BPS
- Stress and trauma have been associated with symptoms of IC/BPS
- May be secondary to impact on the pelvic floor
- In patients with the diagnosis of IC/BPS, the bladder may be an “innocent bystander” in a bigger pelvic process
- Many patients with IC/BPS have other systemic symptoms such as fibromyalgia, IBS, headaches and other chronic pain conditions.
- When evaluating a patient “labeled” with IC/BPS it is important to evaluate the “whole” patient and not focus on an organ of interest
- Identifying areas of perceived pain and understanding what triggers the pain is crucial to successful treatment of IC/BPS
- A multidisciplinary approach designed to identify and treat these triggers is most successful
- Treating the mind, body and spirit is a formula for success
- It is time to look beyond the bladder!
Thursday, February 27, 2020
9:00 a.m. – 9:30 a.m.

POINT-COUNTERPOINT: NEUROMODULATION: WHERE SHOULD WE PLACE THE LEAD?
Scott MacDiarmid, MD
Alliance Urology Specialists, PA
Greensboro, NC

Just think of the number of patients we see each and every day with overactive bladder and who do not reach their treatment goal in spite of us trying a number of medications and behavioral interventions. And to make the problem worse, the penetrance of our third-line therapies in patients with refractory OAB (ROAB) is less than 5%.

Dr. Siegel will highlight the benefits of sacral nerve stimulation for the management of this difficult population of patients. I will shine the light on neuromodulation directed towards ‘other targets’ concentrating on the tibial and saphenous nerve.

I will briefly remind us of the excellent efficacy and safety of percutaneous tibial nerve stimulation (PTNS) advancing us one step closer to neuromodulation for the masses. I will introduce a subcutaneously implanted coin-sized tibial nerve stimulator (eCoin), an exciting new office-based implant currently under investigation. Transcutaneous electrical stimulation of the saphenous nerve will also be noted.

Our goal is to highlight therapies and to energize the audience in pursuing excellence in the management of the overactive bladder patient. Steve plays tennis, I’m hockey. Not a fair fight but welcome to our program. Cheers.
Thursday, February 27, 2020
9:00 a.m. – 9:30 a.m.

PANEL: OPTIMAL FOLLOW UP OF THE NEUROGENIC BLADDER PATIENT CASE BASED
Gary E. Lemack, MD
University of Texas Southwestern Medical Center
Dallas, TX

Appropriate follow-up of the patient with neurological disease affecting bladder function has not been adequately studied. Despite recommendations from several subspecialty societies on this topic, adequate identification of high risk patients, and specific guidelines for following patients once they have been identified is not well studied. In this session, we will review the data that exist on this topic, focusing on renal risk in patients with neurogenic bladder conditions. We will summarize current recommendations, and also try to identify those patients with lower urinary tract dysfunction and neurological disease who might be able to managed appropriately without repeated invasive, often expensive, testing.
Thursday, February 27, 2020
11:25 a.m. – 11:40 a.m.

ENHANCED RECOVERY AFTER FPRMS SURGERY
Alana Murphy, MD
Thomas Jefferson University
Philadelphia, PA

Introduction: What prompted ERAS movement?
Limitation of inpatient resources/shift to outpatient care
Quality improvement, implementation of EBM pathways

Goals of enhanced recovery pathways
Improve patient satisfaction + optimize surgical outcomes + reduce cost of care

Enhanced recovery starts before surgery: pre-hospital phase
Pre-operative counseling + education
Prehabilitation

Enhanced recovery takes a team: peri-operative phase (pre/intra/post)
Pre: bowel preps + length of fasting + VTE prophylaxis
Intra: antibiotic selection + skin preparation + MIS approach + anesthetic considerations
Post: minimization of opioids + diet considerations + early mobilization

Enhanced recovery follows a patient home: post-hospital phase
Post-operative appointments: office + telehealth
Prevention of readmission

How can enhanced recovery be used in FPMRS
How are we doing? Current status of ERAS roll out

Potential Barriers to implementing enhanced recovery
Patient centric: attitudes/expectations, health literacy, PMH (chronic pain)
Staff centric: engagement, communication, competency
Facility centric: leadership support, resources, culture

Conclusion
Urologic Issues in Pregnancy Panel

Pregnancy represents a distinct and exceptionally complex physiologic state with significant impact on a variety of urologic concerns. Considerations must be made for not only the anatomic and physiologic alterations in the mother which may manifest during pregnancy, but also for the vulnerability of the fetus. Urologic issues such as stones and hydronephrosis, urinary diversion, and urinary tract infections often require a multidisciplinary approach given the unique maternal-fetal environment.

I. Urinary Diversion

Although considerable debate exists regarding management of pregnant patients with a urinary diversion, this session is designed to introduce concepts and present treatment options for potential issues that can arise. Best practices regarding surgical interventions and common pharmaceutical treatments for pregnant patients with diversions will be presented. Information will be provided regarding the impact of pregnancy on the physiology of urinary diversion, particularly with regards to hydronephrosis and renal function, along with special emphasis on matters encountered with catheterizable channels. Risks and strategies for contending with lower urinary tract and ascending infections in the pregnant diversion patient will be discussed. Counseling regarding potential selection criteria for determination of the mode of delivery will additionally be illustrated.

II. Urinary Tract Infections

Urinary tract infections are the most common type of infection during pregnancy, affecting 10% of women. The usual offender is Escherichia coli, but recent rise of resistance are narrowing available and safe antibiotics for expectant mothers. UTI in pregnancy can lead to hospitalization due to worsening infectious presentation in the mother as well as preterm labor. In addition, potential complications to the offspring are low birthweight, long term infectious morbidity and risks of specific birth defects. Although the dogmatic recommendations are to always treat urinary tract infections and asymptomatic bacteriuria in pregnancy, risks of infections should be weighed against effects of antibiotics such as antimicrobial resistance and developmental risks to the fetus.

III. Stones & Hydronephrosis

Overall risk of stones in pregnancy is similar to non-pregnant women. Additional risk factors (increased filtered loads of Ca, Na, and uric acid) are balanced by factors that decrease risk (forced diuresis, increased excretion of citrate, Mg, and glycoproteins). The usual evaluation of nephrolithiasis is complicated by physiologic changes in the urinary tract as 90% of pregnant women have hydronephrosis (right > left) and desire to avoid radiation to the fetus.

- Imaging if suspected stone:
  - 1st line – ultrasound
    - Transvaginal ultrasound can help with distal stones
  - 2nd line – MRI without contrast (requires experienced radiologist)
  - 3rd line – low-dose non-contrast CT

- Treatment:
  - 75-85% of stones will spontaneously pass
    - Tamsulosin is Class B in pregnancy
  - Urgent decompression if associated infection with nephrostomy tube or stent
    - Stent/neph tube must be changed out every 4-6 weeks due to encrustation
  - Ureteroscopy with laser lithotripsy in 2nd and 3rd trimesters is safe and effective
Thursday, February 27, 2020
4:00 p.m. – 5:00 p.m.

NEUROMODULATION: CHALLENGING CASES AND WHAT TO DO NEXT
Director: Christopher Chermansky
Discussants: Ryan Krlin, Jason Gilleran, Michael Ehlert

1. Introduction and Overview – Chris Chermansky

2. Lead Revision and Troubleshooting – Ryan Krlin
   a. Which patient shouldn’t be revised
   b. Loss of efficacy following implantation/revision
   c. Revision for painful stimulation

3. Pelvic Pain – Jason Gilleran
   a. Identifying which pelvic pain patients do best with neuromodulation
   b. Sacral or pudendal or tibial neuromodulation?
   c. When to involve pain medicine

4. Neuromodulation in patients with pelvic malignancy after treatment with either surgery and/or radiation – Michael Ehlert
   a. Urinary incontinence related to treatments of pelvic malignancy
   b. Role for neuromodulation in these patients
   c. Patient selection and neuromodulation outcomes
Thursday, February 27, 2020
4:00 p.m. – 5:00 p.m.

AMPLIFYING YOUR DIGITAL FOOTPRINT – VISUAL ABSTRACTS
Rena D. Malik, MD
University of Maryland Faculty Physicians, Inc.
Baltimore, MD

Amplifying your Digital Footprint: Visual Abstracts

Visual abstracts are a single slide artistic representation of key research findings that can be easily interpreted and shared. They are currently being adopted by multiple academic scientific journals to amplify research dissemination on social media. The use of visual abstracts can increase your research impression by nearly 8-fold and visits to your research article by 3-fold. Additionally, live visual abstracts have been used to amplify and summarize learned from plenary talks at research meetings. Learn how to create, design your very own visual abstract during the talk.

Physician Burnout: What to Do About it

1 point burnout = 30-40% decreased work effort in next 24 mo.

Align values & strengthen culture

Acknowledge & Assess Demographic & Individual Risks

Promote flexibility, work-life integration

Assess & cultivate the good

Cultivate Community at work

Harness the power of leadership

Provide resources

By: Toby C. Chai, MD, Kathleen C. Kobashi, MD, FACS, & Deborah J. Lightner, MD

Visual Abstract by @RenaMalikMD

Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction 2019 Annual Conference
Friday, February 28, 2020
6:30 a.m. - 8:30 a.m

BIOSTATISTICS COURSE
Nazema Y. Siddiqui, MD, MHSc
Duke Medical Center
Durham, NC

April Slee, MS
Axio Research Corporation
Seattle, WA

The overarching goal of the SUFU Biostatistics Course is to discuss important concepts related to study design and statistical testing. The course mainly focuses on concepts emphasized in the Guide to Learning in Female Pelvic Medicine and Reconstructive Surgery (ABOG/ABU). As such, the course is designed for trainees, junior faculty, and those wishing to learn basic and intermediate concepts. The course does not cover advanced statistical concepts such as complex modeling or interpretation of high dimensional data.

The course is organized into three parts: 1) Study Design; 2) Statistical Tests; and 3) Q&A

Study Design:
In this section we briefly review the following study designs –
- Randomized trial
- Case series
- Cross-sectional studies
- Cohort studies
- Case-control study

Emphasis is placed on the distinguishing features of each study design, how to appropriately name the study design, why accuracy with study design is important, and how to distinguish these in the literature.

Statistical Tests:
In this section we review –
- Types of variables
- Symmetry vs. skew
- Choice of statistical tests based on the data
- Linear and logistic regression modeling
- Covariates and confounders

Question and Answer:
We have prepared a series of sample questions to test participants’ knowledge. Questions cover concepts discussed in the Study Design and Statistical Tests sections of the course.
Friday, February 28, 2020
11:30 a.m. - 12:00 p.m

COMPLEX INCONTINENCE CASES - URETHRA DIVERTICULA AND SUI
Eric S. Rovner, MD
Medical University of South Carolina
Charleston, SC

Urethral diverticulum (UD) is an outpouching of the urethral lumen into the surrounding periurethral connective tissue. Although the presentation of UD is often non-specific and variable, these lesions can be associated with voiding dysfunction and urinary incontinence. A UD is most often located at the level of the midurethra. This location often overlaps with the external sphincter, however UD may also extend proximally toward the BN in the vicinity of the proximal sphincter mechanism. This morphology may, in part, explain the association between UD and SUI in some individuals with potentially more proximal lesions at risk for postoperative SUI (1). Alternatively, some patients may have pre-existing SUI unrelated to the UD, or may simply have post-void dribbling and paradoxical incontinence due to urine accumulation in the UD during normal voiding with subsequent discharge of the accumulated urine in the UD out through the urethral meatus upon movement. Surgical treatment of UD may also be associated with urinary incontinence. Although resolution of UI may occur following surgical excision UD, either as a result of elimination of post-void dribbling/paradoxical incontinence, reconstruction of a damaged sphincter mechanism during UD repair, or concomitant anti-incontinence surgery (e.g. sling), de novo UI may also occur. Risk factors for de novo SUI may include the size of the diverticulum (>30 mm), more proximal location (1,2), and wide excision (2). Urodynamics may evaluate for co-existing detrusor dysfunction or document the presence or absence of SUI or obstruction prior to repair. Approximately 50% of women with UD will demonstrate SUI on urodynamic evaluation (3,4). Video urodynamics may be helpful in differentiating SUI from paradoxical UI due to fluid accumulation in the UD. In addition, resting and straining images obtained during fluoroscopic imaging may document an open BN at rest, suggesting a compromised proximal sphincter mechanism in some patients.

Patients with symptomatic, bothersome SUI in association with UD can be offered simultaneous anti-incontinence surgery. Contemporary series have utilized pubovaginal fascial slings in patients with UD and SUI with satisfactory outcomes (5-7). Midurethral synthetic slings are not recommended as a concomitant, anti-incontinence procedure at the time of urethral diverticulectomy (8). Synthetic material adjacent to a fresh suture line following diverticulectomy in the setting of potentially infected urine may place the patient at higher risk for subsequent urethral erosion and/or vaginal extrusion of the sling material, as well as urethrovaginal fistula formation and foreign body granuloma formation.

Significant postoperative de novo SUI may occur in 7-16% of individuals undergoing urethral diverticulectomy surgery without a concomitant anti-incontinence procedure (1,2).

Friday, February 28, 2020
2:00 p.m. - 2:30 p.m.

EXPERT SURGICAL THEATER: MALE INCONTINENCE/VD – MALE SLING
Craig V. Comiter, MD
Stanford University Medical Center
Stanford, CA

Surgery remains the most effective treatment for postprostatectomy incontinence. Over the past two decades, this surgery has evolved with respect to both operative technique and sling design, and various devices are now available that have different mechanisms of action, such as the artificial urinary sphincter, retroluminal sling or quadratic sling. The choice of device, however, should be individualized according to the circumstances of each patient. The optimal surgical treatment depends on a variety of patient-related factors, including the degree of urine leakage as assessed by incontinence pad weight test results, bladder contractility, urethral compliance, history of radiation exposure or prior incontinence surgery, and patient preference. Given the choice, most patients opt for a sling procedure over an artificial sphincter to avoid implantation of a mechanical device. An artificial urinary sphincter, retroluminal sling or quadratic sling might be the most appropriate choice for a particular patient, depending on their surgical history, degree of continence recovery, urodynamic findings, and specific choices. Progress in this field continues, and several new devices are in development.
THE CHRONIC SP TUBE PATIENT: WHAT TO DO CASES
Stephanie J. Kielb, MD
Northwestern University Feinberg School of Medicine
Chicago, IL

1. Introduction.
   a. Why suprapubic tubes are necessary
   b. Techniques for placement
2. Case based presentation
   a. Patient with frequent admissions for infections
      i. Determined who really has symptomatic infections
         1. Overtreatment and admissions
         2. Sorting out culture data
         3. Reviewing symptoms
      ii. True infection patient evaluation
         1. Imaging
         2. Cystoscopy
         3. ? urodynamics
         4. Physical exam – possible fistula formation (decub wounds)
      iii. Management
         1. Stone treatment/removal
         2. Increase frequency of catheter changes
         3. Antibiotic instillation/flush (?data)
         4. Methanamine, vitamin C, D-mannose, pH altering agents
         5. Get rid of catheter
   b. Still leaking patient following Sp tube placement
      i. Leak around catheter or per urethra?
      ii. Preop assessment key-
         1. Detrusor overactivity
         2. Outlet evaluation before SP tube particularly in women in indwelling foley
      iii. Catheter and drainage tube management
      iv. Evaluation
         1. Cystoscopy
         2. Urodynamics
      v. Management option
         1. Meds
         2. Bladder botox
         3. Sling
         4. Bladder neck closure male versus female options
         5. Diversion
         6. Catheter removal (going to leak any ways, can’t get diversion (medical reasons/obesity)
   c. The clogging catheter
      i. Is it really clogged (leakage per urethra does not mean it is clogged)
         1. Sediment
         2. Bladder spasms or compliance issues
         3. Design flaw of SPT? mucosa getting stuck in eyelet holes
ii. Evaluation
   1. Physical exam- change it yourself (is it coming out the urethra?)
   2. Imaging?
   3. Cystoscopy?
   4. UDS?

iii. Management options
   1. Frequency of catheter change
   2. Change type of catheter (silicone versus latex, coated?, size, Dual balloon [Duette])
   3. Irrigation options (is it the act of irrigating or the content)
   4. Oral medication (?pH)
   5. Dietary changes
      a. Increase fluids
      b. Protein intake?
   6. Operative intervention
Saturday, February 29, 2020
11:30 a.m. - 12:00 p.m.

PANEL: INTERNATIONAL PERSPECTIVES ON THE USE OF SYNTHETIC MESH SLINGS - CANADA
Blayne K. Welk, MD
St. Josephs Hospital
London, ON

Consistent with many other societies, the Canadian Urology Association supports the use of midurethral synthetic slings for the treatment of stress incontinence. However, these procedures have decreased substantial over the last 10 years in Canada in response to public awareness of the legal cases and the North American regulatory warnings.
Saturday, February 29, 2020
11:30 a.m. - 12:00 p.m.

PANEL: INTERNATIONAL PERSPECTIVES ON THE USE OF SYNTHETIC MESH SLINGS - SOUTH AMERICAN PERSPECTIVE
Marcio A. Averbeck, MD, MSc, PhD
Moinhos de Vento Hospital
Porto Alegre, Brazil

According to a cross-sectional study, which used a 37-item internet-based survey applied to members of urologic and gynecologic associations from 18 countries in Latin America, most participants (75.2%) indicated that the use of mesh has declined after FDA warnings, and 41.9% considered this has had a negative effect in the use of midurethral synthetic slings (MUS) as well (1).

One of the largest series of MUS in Southern Brazil has been presented during the 2014 ICS Annual Congress in Rio de Janeiro (2). From January 2008 to December 2013, 315 patients underwent TOT implantation at a single tertiary hospital. Mean age was 58.66±11.87 years. Postoperative continence rate was 78% at a mean follow-up of 33.83±20.67 months (6 to 72 months). Surgical complications were found in 17.4% of patients. Most frequent complications were dyspareunia (16 cases), groin pain (12 cases), new onset of recurrent urinary tract infections (5 cases), de novo urgency (5 cases), vaginal erosion (3 cases) and persistent urinary retention requiring urethrolysis (3 cases). 90.3% of patients stated that they did not regret undergoing TOT implantation and were happy with their surgical outcomes.

Consistent with many other international medical societies, the Brazilian Society of Urology (SBU) still supports the use of midurethral synthetic slings for the treatment of stress urinary incontinence in women. However, public hospitals usually have budget restrictions and the ‘mesh controversy’ has been perceived as an excuse to postpone regular acquisition of surgical materials (e.g. synthetic sling kits). Curiously, the decision-making process for surgical interventions is mostly surgeon-centered in most South-American countries.

References
Saturday, February 29, 2020
11:30 a.m. - 12:00 p.m.

PANEL: INTERNATIONAL PERSPECTIVES ON THE USE OF SYNTHETIC MESH SLINGS - SOUTH AMERICAN PERSPECTIVE
Marcio A. Averbeck, MD, MSc, PhD
Moinhos de Vento Hospital
Porto Alegre, Brazil

Panel: International Perspectives on the Use of Synthetic Mesh Slings

Dr. Marcio Averbeck
Porto Alegre, Brazil

Marcio Augusto Averbeck, MD, MSc, PhD

Urologist
Head of Neuro-Urology, Videourodynamic Unit, Moinhos de Vento Hospital, Porto Alegre, RS
EAU Clinical Fellowship - Neurourology Unit Innsbruck/Austria

Disclosure (conflicts of interest):
- Coloplast: Global Advisory Board Member
- Medtronic: Proctor for SNM procedures
- GSK Brazil: Medical Internal Expert
- IPSEN: PI for RCT (abobotulinum toxin for NLUTD) at Moinhos de Vento Hospital, Porto Alegre, Brazil (trial finished in Sep 2019)

Cross-sectional study (April to September 2016)
- 37-item internet-based survey applied to members of urologic and gynecologic associations from 18 countries in LATAM
- n = 673 responses
- Mesh-based POP repairs used by 57.1% of participants
- 75.2% participants indicated that the use of mesh has declined after FDA warnings, and 41.9% considered this has had a negative effect in the use of midurethral synthetic slings as well

Prospective study
- n = 315 patients (MUS procedures from January 2008 to December 2013)
- Definition of continence status: no leakage in any condition (neither stress nor urgency) and no use of pads
- Mean age = 58.66 ± 11.87 ys
- Postoperative continence rate = 78%
- Mean follow-up = 33.83±20.67 months (6 to 72 months)

Surgical complications in 17.4% of patients
- Most frequent complications: dyspareunia (16 cases), groin pain (12 cases), new onset of recurrent urinary tract infections (5 cases), de novo urgency (5 cases), vaginal erosion (3 cases) and persistent urinary retention requiring urethrolysis (3 cases)
- 90.3% of patients stated that they did not regret undergoing TOT implantation and were happy with their surgical results

* Podium presentation at ICS Annual Congress 2014, Rio de Janeiro, Brazil (S16, Abstract 271)
Event Code SUFU20

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