## CHICAGO \* APR 28-MAY 1 SATURDAY | APRIL 29, 2023 DAILY NEVY SATURDAY | APRIL 29, 2023



## **2023**AUA ANNUAL BUSINESS MEETING

**HELD AT AUA2023** 

Monday, May 1 | 12 PM Room N427A-B, McCormick Place

Everyone is invited to attend the AUA's Annual Business Meeting. The agenda includes reports of the President, Secretary, Treasurer, Bylaws Committee and Audit Subcommittee.

Agenda is available at  ${f AUAnet.org/ABM}$ 

### AUA-2023 | DAILY NEWS \* CHICAGO \* ONLINE



Scan the QR code to view more live coverage from

GET SOCIAL! •

Join the conversation online with hashtag #AUA23!

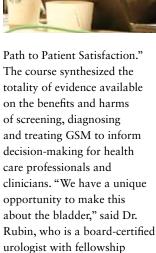
## Urologists must start the conversation about genitourinary syndrome of menopause

enitourinary syndrome of menopause (GSM), a spectrum of symptoms and signs caused by hypoestrogenic changes in urogenital tissues typically occurring during menopause, affects up to 87% of postmenopausal women. The discomfort, pain and irritation in symptomatic women can greatly impact their quality of life, including their sexual function and interpersonal relationships. Yet fewer than 6% of women with GSM signs and symptoms are being treated.

"An unfortunate barrier to treatment is that women believe symptoms of GSM are a normal consequence of aging they must accept," said Melissa R. Kaufman, MD, PhD, FACS, chair of urological surgery at Vanderbilt University Medical Center. "As a result, women rarely discuss symptoms with their health care provider, and providers do not consistently ask about symptoms."

It's time for urologists to start the conversation.

"Urologists need to stand up and get really loud about GSM and educate patients and other providers about it," said Rachel S. Rubin, MD, during Friday's Instructional Course, "Navigating Genitourinary Syndrome of Menopause:



The deficit of estrogen in menopause creates a cascade of effects, including a change in the microbiota and in the anatomy of the vagina, that can increase the risk of infection in the urinary tract, said Una J. Lee, MD,

training in sexual medicine.

head of urology and renal transplantation and urology physician lead at Virginia Mason Franciscan Health.

Symptoms of GSM may include vulvovaginal dryness, pain during intercourse, vaginal irritation/discomfort, itching, pain during exercise, tenderness and bleeding related to intercourse. Urinary symptoms include urgency, dysuria, recurrent urinary tract infections, urge incontinence and stress incontinence. Signs can include decreased moisture and elasticity, labia minora resorption, loss of vaginal rugae and urethral eversion or prolapse.

Localized vaginal estrogen creams, inserts and

rings are Food and Drug Administration-approved treatment options that are safe and effective.

"Vaginal hormones are the foundation of treatment," Dr. Rubin said. "Patient education is essential for adherence." GSM is progressive. To maintain healthy vaginal tissue, patients will need to refill their vaginal estrogen prescription indefinitely.

The AUA is in the process of developing a clinical practice guideline based on an independent systematic review of the evidence.

"GSM guidelines will change the landscape," Dr. Kaufman said. "We have to own it."

## ary syndrome of menopause



### INSIDE

IMPROVING CLINICAL TRIALS 3 TREATING PELVIC PAIN 4 AUA IN PICTURES 6 VOICES & VIEWS 7 UPPER TRACT UROTHELIAL CARCINOMA 8 SCIENCE & TECHNOLOGY HALL 10-11







## PUSH PROPERTURA REDEFINE POSSIBILITIES

See things from a new angle at the UroGen® booth.

JELMYTO® and UroGen® are registered trademarks of UroGen Pharma, Ltd.
© 2023 UroGen Pharma, Inc. All rights reserved.
US-JEL-00717 03/23



### Reaching success in urologic oncology clinical trials

linical trials provide evidence for determining and improving on the standards of care across urologic oncology. The Urologic Oncology Research Symposium explored the ingredients and strategies that help build a successful clinical trial.

Much depends on the type

"With an investigatorinitiated trial (IIT), it is your idea and you have the broadest control," said Viraj A. Master, MD, PhD, professor, chair of clinical urological research and director of integrative oncology and survivorship at Winship Cancer Institute of Emory University.

IITs tend to be smaller, proof-of-concept studies with smaller budgets.

Industry-sponsored trials give the principal investigator less flexibility than an ITT but larger budgets.

Federally funded trials can be more flexible than industry trials but may carry other restrictions.

National Cancer Institute Trials Network trials give principal investigators little

flexibility but offer access to larger resources and populations than industrysponsored trials.

"No matter the type of trial, all viable clinical trials start with a strong hypothesis," said Ana Aparichio, MD, professor of genitourinary medical oncology at the University of Texas MD Anderson Cancer Center.

Start with a clear and specific question that addresses a clinically relevant gap in knowledge. Next, define the independent and dependent variables that can affect the answer to the question. Formulate a clear and precise hypothesis, a declarative statement that if this is done, then that specific change will be seen.

The strongest trials incorporate PICO methodology: population, intervention, comparison, and outcome. PICO creates a clear, focused, answerable research question using a transparent and reproducible process.

"The ideal trial is a comparison of a new therapy to the accepted standard of care," said Stephen A. Boorjian, MD, Carl Rosen Professor and chair of urology at Mayo Clinic.



"PICO is the equivalent of the methods section of the trial report."

Populations matter, too. Lack of diversity in trial data means lack of valid data for Asian, Black, Hispanic, Native American and other patient populations that were not included in trials.

"Every trial has a gatekeeper," said Juan Javier-DesLoges, MD, MS, assistant professor of urology at the University of California, San Diego. "You have to get in the door of a hospital or cancer center that offers the trial to even be offered the opportunity to participate. The patient and their caregiver are left on their own to figure the system out, if they can even get in the door."

University of California, San Diego, has focused on hiring a more diverse staff, including language- and culture-specific navigators, language and cultural training for providers and staff, and other steps to increase access to clinical trial information and participation. Hispanic participation in clinical trials has jumped to 21%.

"We need to bring precision medicine principles to clinical trials," Dr. Javier-DesLoges said. "The right approach to the right patient at the right time, to bring more diversity to our trials."

### AUA-2023 **DAILY NEWS** The AUA Daily News is the

official newspaper of AUA2023 and is published by Ascend Media.

### **AUA Staff**

Darci Berliant Heather Corkin Elaine Garrison Melissa Goodman Scott D. Morrow Katie Phipps Jennifer Regala Kathleen Warshawsky

#### Ascend Media

Cindy Ratcliff, Editor & Writer Timothy Nord, Senior Graphic Designer

© 2023 American Urological Association 1000 Corporate Blvd. Linthicum, MD 21090 www.auanet.org

Ascend Media encourages and practices environmentally friendly printing, including recycled/recyclable paper and plant-based inks

### THANK YOU!

The AUA and the Urology Care Foundation thank the 2023 President's Circle Patrons

















### New approaches to understanding and treating pelvic pain



he AUA's first basic science symposium devoted entirely to chronic pelvic pain focused on the peripheral nervous system, the central nervous system and neuroinflammation pathways and biomarkers.

One of the key gaps in knowledge is the role urothelial cells play in bladder pain.

"There are differences

in urothelial receptors, gene expression, cell differentiation and cell signaling in individuals with and without chronic pain," said Aaron D. Mickle, PhD, assistant professor of neuroscience at the University of Florida.

The P2X receptor pathway plays a role in pain perception, but it is not yet clear what types of neurons are involved, how the brain interprets these signals or how bladder disease or dysfunction might affect signaling.

Pain signals from the bladder are transmitted via the rostral ventromedial medulla to the spinal cord, continued Vijay K. Samineni, PhD, assistant professor of anesthesiology in the department of biology and biomedical sciences at

Washington University in St. Louis.

Endogenous analgesic pathways in rats and in humans suggest the possibility of chronic pelvic pain analgesic pathways.

Neurostimulation of the dorsal root ganglia is one potential approach to pain management.

"If the signal does not reach the brain, the patient will not feel the pain," said Bin Feng, PhD, assistant professor of bioengineering at the University of Connecticut.

Dorsal root ganglia neurostimulation in the 50to 100-hertz range blocks afferent neural transmission, he said, and is completely reversable.

Manipulating peripheral glia signaling is another approach. Glial fibrillary acidic protein positive glia can reduce pressure and pain sensations, said Xiaoqiao Xie, PhD, assistant professor of surgery-urology at the University of Colorado School of Medicine.

Chronic pelvic pain is a broad and highly variable condition that encompasses both organ-centric and systemic disease.

"A nonlinear system is not the sum of its parts," said Jennifer DeBarry, PhD, assistant professor of anesthesiology and perioperative medicine at the University of Alabama at Birmingham. "What is happening in the pain-free state is not the same as in the chronically painful state. We need a truly complete picture built from many different angles."

1feleflex®





# The Leading Prostate Focal Therapy Controlled by Urologists



## On the Science & Technology Floor













### PRODUCT SPOTLIGHT







### 7

## **VOICES&VIEWS**

Join the Conversation on Twitter, and Instagram #AUA2023 🎔 🔿



### **Kirtishri Mishra**@KirtishriM **y**

**@CaseUrology** is well represented at **#AUA2023** this year. One of our rock star med students **@mloria13** from

**@CWRUSOM** presenting our work on prostate cancer screening in transgender females! Take away point, it does not occur at the same rate as it does in cis men



Ranjith Ramasamy
@ranjithramamd >

Excited to present findings from our clinical trial using **#VR** to reduce pain and anxiety in patients undergoing in-office vasectomy

@FarhanQureshi30 @farahrahman23 @ AkhilMuthigi @RussellSaltzman #IAUA #AUA2023



### @akronurology @

Kicking off AUA Conference with iTind reps at Roka Akur! Who is the most skilled at using chopsticks? #AUA2023



Scott Lundy MD PhD

@ScottLundyMDPhD >

Superstar fellow and soon-to-be partner

@raevti giving a masterclass on sperm DNA
fragmentation for male infertility.
The student has truly become the master.

@CleClinicUro @PBajicMD @SarahLacyC
@NeelParekhMD #AUA2023



**Emilie Johnson** 

@eekayjay 🛩

Kicking off #AUA2023 at the @UChicagoUrology peds robotic course with @pgargollo! Looking forward to seeing more friends @SPU\_Urology tomorrow! @LurieUrology @NM\_Urology



#### **GeSRU**

@GeSRU\_de 🛩

Career Success Outside of Clinical Urology is speaking about work balance. Go in open-minded! Thanks for this amazing and inspiring panel discussion as part of #AUA #Residents Forum #AUA2023

### **QUESTION OF THE DAY**

How are you promoting diversity, equity, inclusion and accessibility in the workplace and/or in urology?



interviewing newcomers, I'm a part of that process and we do everything we can to ensure it's a mix of color and gender in our practice.

> Belinda Fugalli, PA-C Favetteville. North Carolina

Historically, there was an eGRF equation that used a race factor for African Americans, and the American Kidney Foundation and the American Society of Nephrology Task Force removed the race factor, which precludes previously eligible patients for certain bladder cancer treatments. I am advocating at my hospital that this factor shouldn't be removed.

Amir Khan, MBBS, MPH Baltimore, Maryland

I work in a unit where we practice diversity. In New Zealand, we're in a multicultural society, so we are sure to acknowledge the different ethnicities that we have and are also respectful of women and in our acknowledgement of the sexual orientations of patients.

Michael Rice, MD Auckland, New Zealand

As a woman in urology, I can say we are definitely underrepresented. As a whole, though, we are beginning to have more of a presence in urology. I have really incredible mentors of both genders who have been very intentional about lifting me up and promoting me as a strong female within surgery and within urology to become a leader in the field. I think that's really key. Find mentors who will not hold you back because of gender, race or anything you identify with and who

Kelly Harris, MD

### Managing upper tract urothelial carcinoma in the real world





n conjunction with the
2023 release of "Diagnosis
and Management of
Non-Metastatic Upper
Tract Urothelial Carcinoma:
AUA/SUO Guideline,"
Surena F. Matin, MD, the
Monteleone Family Foundation
Distinguished Professor in the
department of urology at MD
Anderson Cancer Center in
Houston, led a distinguished
panel of urologists whose

clinical practice focuses on the treatment of upper tract urologic cancers (UTUC) in Friday's session, "Management of Upper Tract Urothelial Carcinoma." The discussion featured select topics on managing UTUC, which coincides with the release of the new guidelines.

Using patient case vignettes to integrate the new treatment guidelines into

real-world scenarios, panelists discussed their treatment recommendations for cases of low-grade UTUC, and high-grade, high-risk UTUC with good glomerular filtration rate. Panelists included Jay D. Raman, MD, FACS, professor and chair of the department of urology at Penn State Health Milton S. Hershey Medical Center; Sima P. Porten, MD, FASC, MPH, an associate

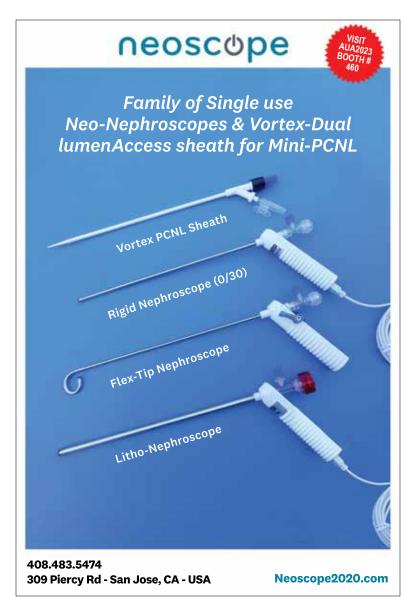
professor in the department of urology at University of California, San Francisco; and Tomonori Habuchi, MD, an associate professor in the department of urology at Akita University in Japan.

The panelists debated the use of endoscopic therapy, neoadjuvant chemotherapy, bladder cuff dissection, laser selection for endoscopic UTUC management and lymphadenectomy. Summarizing the general recommendations for managing UTUC that emerged from the presented case studies, Dr. Matin offered these takehome tips:

- Consider mitomycin hydrogel for low-grade recurrent UTUC disease
- Intravesicular chemotherapy with nephroureterectomy (NU) is supported by level 1 data

- Intravesicular chemotherapy after ureteroscopic biopsy is supported by a preponderance of circumstantial data For high-risk UTUC disease:
- Use risk stratification of upper tract tumor
- Estimate post-NU kidney function to counsel between initial NU or neoadjuvant chemotherapy
- Consider lymphadenectomy. Panelists also discussed the appropriate use of Lynch syndrome testing. UTUC is the third most common Lynch syndrome cancer, affecting 9% to 10% of patients with UTUC.

Strong, moderate or conditional recommendations were made where sufficient evidence existed. To learn more, visit https://www.auanet.org/guidelines-and-quality/guidelines/non-metastatic-upper-tract-urothelial-carcinoma.







## Stay up to date with INLYTA® (axitinib) + pembrolizumab data

To learn more, visit our booth









### SCIENCE & TECHNOLOGY HALL MAP AND EXHIBITOR LIST

A&E Endoscopy	8
AbbVie	5
Acanthus Medical Creations	2
Accord BioPharma 2056	
Activ Surgical	2
Advance Medical Designs2643	3
Advanced Accelerator Applications,	
a Novartis Company 185	5
Advanced Endoscopy Devices 2620	0
Agiliti	6
Aldaver Inc	
Allegheny Health Network	3
AlloSource	2
Alnylam Pharmaceuticals 1858	
Ambu Inc	
America Medic & Science, AMS 2252	2
American Medical Endoscopy/Strauss Surgical 2528	8
AngioDynamics	
Angiogenesis Analytics 2858	8
Applaud Medical, Inc	5
Arab Association of Urology 244	2
Ardent Health Services	
Arvinas, Inc	
Asclepion Laser Technologies GmbH 2458	8
Asociación Urológica de	
Centroamerica y Caribe (AUCA) 244	
ASSI-Accurate Surgical & Scientific Institute 354	4
Astellas Pharma US 149,133	2
AstraZeneca3018,4710,471	
AVATAR MEDICAL	
Avenda Health	
Axonics, Inc	6
Baptist Health Medical Group	
Bayer	
BD224	
Beijing Surgerii Technology Co., Ltd 3632	
Berko Production LLC dba The WonderPax 4054	
Best Medical International	
Biobot Surgical U.S. Inc	
BioProtect Ltd	
PV Modical 10EI	_

Blue Earth Diagnostics, Inc	645
BlueWind Medical	4310,4705
Boothwyn Pharmacy	4320
Boston Scientific 2015,4507	,4718,4719
Bright Uro	344
Bristol Myers Squibb - Commercial	4307
Bristol Myers Squibb - Medical	
Butterfly Medical	2744
C4 IMAGING	
Calyxo, Inc	
Canadian Urological Association (CUA)	
Candel Therapeutics	
Cardinal Health	4315
CAREstream America	4062
Carle Health	
Case Recruiters, Inc	
CG Oncology Inc	
CHRISTUS Health	
CirrusDx	
CIVCO Medical Solutions	2556
Clarius Mobile Health	3756
Cleveland Clinic Department of Urology	
Cleveland Diagnostics, Inc	
CLS-Clinical Laserthermia Systems	3653
Colegio Mexicano de Urología Nacional, A.	C 2444
Coloplast Corp	2815,4510
Combat Medical Ltd	
CompHealth	
Confederación Americana de Urología .	
Convergent Genomics	
Convergent Laser Technologies	
Cook Medical	
Copper Medical Technology Co.,Ltd	
CS Surgical, Inc	2721
Cyrano Video	. 158,1128
D. A. SURGICAL	
Decipher Urologic Cancers	
Deep Bio	
DemeTECH Corporation	4107
Dendreon Pharmaceuticals LLC	651
Designs for Vision, Inc	

GOLDSTEIN MICR Approximator Cla Vasovasostomy a	OSI amps for		
<ul><li>Ends clamp slippage.</li><li>Will not damage mucosa.</li></ul>	Folds in two dir facilitate anterio posterior wall a	or and	
Can be adjusted and locked in any position.	Can be stabilize a hemostat or r		
Tightening stem locks the adjustable bar in any position.  Fins for attaching stabilizing clamp.	Adjust clamp position by sliding along bar.  NOTE: Both gripping surfaces have four flat-tipped stainless steel spikes to grip adventitia securely without mucosal damage.	Marc Goldstein, MD, DSc (hon), FACS. Matthew P. Hardy Distinguished Professor of Reproductive Medicine and Urology Senior Scientist, Population Council Surgeon-in-Chief, Male Reproductive Medicine and Surgery Cornell Institute for Reproductive Medicine Weill Cornell Medical College of Cornell University New York- Presbyterian Hospital/Weill Cornell Medical Center	
ACCURATE SURGICAL & SCIENTIFIC INSTRUMENTS®  For diamond perfect performance®  accurate surgical & scientific instruments corporation  800.645.3569 • 516.333.2570 • fax: 516.997.4948  west coast: 800.255.9378 • Info: assi@accuratesurgical.com  Orders: orders@accuratesurgical.com • www.accuratesurgical.com			
Not all ASSI products shown in our literature or on our website are available for sale in Canada			

Dornier MedTech	LynxDx
Dornier MedTech - Latin America 345	Male From Home
Ecleris USA	MANNA PHARMACEUTICALS
Efferent Health3961	Marion Immersive Ltd
Eigen Health	Mcube Technology Co., Ltd 193
Electro Medical Systems SA 2715	MDxHealth
Elesta	Med Fibers, Inc
Elsevier	Meda Co., LTD
Empower Pharmacy	medf1rst
Endo Pharmaceuticals	Medicus Healthcare Solutions 423
Endourological Society, Inc	Medifix Inc
3 2	
Envaste	MEDIFLEX
Epic	Mediplus
Erlanger Health System	Medispec Ltd
Ethicon, Inc	MEDNOVA MEDICAL 295
European Association of Urology 2440	Medpro
Exelixis, Inc	Medtronic
Exosome Diagnostics	Memorial Healthcare System
Fellow	menMD
Ferring Pharmaceuticals 3949,4049,	Merck
4528,4529,4628	Merck & Co., Inc
4528,4529,4628 Firefly Global	Mercy Clinic
Fisher-Titus Medical Center2126	MercyOne Northeast Iowa
Flomentum Health	MicroGenDX
Flosom	Microsurgery Instruments Inc 295
	Mid-Atlantic Section of the AUA
Flume Catheter Company	
Focal Healthcare, Inc	MIM Software Inc
Focal One	Minomic International Ltd 376
Focalyx	Minze Health NV
Foundation Medicine 4063	miR Scientific
Fox Chase-Temple Urologic Institute 3863	Modernizing Medicine 411
Francis Medical	Modulight
	Moonstone Nutrition
Fujifilm	
Gemini Medical Technologies	Multiphze LLC
Genentech	Myovant Sciences, Inc. and Pfizer Inc 204
GEOTEK Medical USA LLC	Myriad Genetics 2617,461
Gilead Sciences, Inc2452	MysteryVibe395
Global Medical Endoscopy 2437	Neomedic International, S.L 265
GoodRx	NEOSCOPE2020
GoPath Diagnostics	Neurovascular Research & Design
GOTOP Medical, Inc	Neuspera Medical
	New York Section
GRAIL	
Guangzhou Red Pine	of the American Urological Association Inc 364
Medical Instrument Co., Ltd 451	NextMed
Guerbet, LLC	NinoMed
Halozyme Therapeutics	Nonagen Bioscience Corp
Hayes Locums	North Central Section of the AUA, Inc./
Health Best International LLC 2945	South Central Section of the AUA, Inc 365
HealthTrackRx	Northwell Health
	Novartis Pharmaceuticals
HealthTronics, Inc	
Hispanic Urology Society	Novo Nordisk
North America (HUSNA) 3750	Novoglan Phimosis Treatments
HistoSonics	NTL Laboratory
Holland Hospital	ObjectiveHealth
Huger Medical Instrument Co. Ltd	Olympia Pharmaceuticals 63
Hunan Vathin Medical Instrument Co., Ltd 4122	Olympus America Inc 3015,4421,472
ID Medical Devices	OMNIMEDICAL
	OPKO Health, Inc
ImmunityBio, Inc	
Innovex Medical	Oruba Technology & Innovation194
Inova Health	OTU Medical Inc
Insightec	Pacific Edge Diagnostics 2848,442
Integra	Palette Life Sciences 2803,442
Interventional Systems	PathAl Diagnostics
Intuitive Surgical	Pathnostics
Invitae	Perineologic
Irrisept	Pfizer Oncology
·	
ISM Saddles, LLC	Philips
IVUMed2718	Photocure
IZI Medical/RadioMed Corporation 4221	Piedmont Healthcare 421
Janssen Biotech, Inc 243,245,251,2007	Porter Instrument
Japanese Urological Association2540	Potent Medical
Jiangsu Sanwe Medical Science	PracticeLink.com
and Technolgy Co.,Ltd	Practis
KARL STORZ Endoscopy - America, Inc 840	Presbyterian Healthcare Services
kGoal	Preveta
Koelis	Procept Biorobotics
Laborie Medical Technologies	Profound Medical242
Lantheus	Promaxo
Lapovations	Prometheus Group, The184
Lazarus 3D	Promis Dx
Legacy	Prostatype Genomics AB
Levee Medical, Inc	Protara Therapeutics Inc
	Provepharm
LiNA Medical	
LithoLyte	Pusen Medical
LocumTenens.com	Q-Optics & Quality Aspirators Inc 431
Loxo@Lilly	Quanta System SPA
LP Surgical Fibers	Quantib BV
Lumea 3762	Ouihim 253



### Celebrating individuality at every stage.



Learn more at Booth #2001.