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Beth Israel Deaconess  
Medical Center

SUMMER 2023

# Division of Urologic Surgery

## Message from the Chief

This summer we reached a significant milestone as we graduated our first resident from our independent residency BIDMC Urology/Harvard Medical School program. After many decades of participating in resident education training, the faculty and staff take a special pride in the primary responsibility of training the next generation of urologists. Dr. Kenneth Softness, our first graduate, has started his fellowship at one of the finest pediatric urology programs, Boston Children's Hospital. Our current chief resident, Dr. Suprita Krishna, matched in her top choice at the University of Michigan for endourology/minimally invasive fellowship program. We celebrated not only our graduates, but many new clinical programs, active and impactful research projects and success in our philanthropic activities. We look forward to many more celebratory milestones.



— **ARIA F. OLUMI, MD**



## WHAT'S NEW IN EDUCATION

We welcomed **Dr. Phillip Pierorazio**, Chief of Urology at Penn Presbyterian Hospital as our William C. DeWolf Visiting Professor in April. Dr. Pierorazio spoke on “Mindful Approach to Surgical Complications” and “Contemporary Management of Upper Tract Urothelial Cancer”.



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**Drs. Andrew Wagner and Peter Chang** added to their growing repertoire of education videos on the [@BIDMCRobotics](#) Youtube Page. The narrated video, “Hybrid Pelvic Fascia Sparing Radical Prostatectomy,” and other advanced robotic urologic surgery videos, are meant to serve as an educational resource for colleagues and students.

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Led by **Dr. Heidi Rayala**, the division kicked off spring with a department-wide PACE (Personal and Company Effectiveness) assessment, aimed at understanding the work and communication styles of colleagues with the ultimate goal of fostering productive and empathetic work relationships.



The Division of Urology at BIDMC hosted another urology bootcamp event this July. The program has continued to grow, with 28 first-year urology residents from 10 New England Urology programs in attendance this year. Organized by faculty member **Dr. Rus Korets** with assistance from faculty members Drs. Marissa Kent, Shaun Wason (BIDMC), George Haleblian and Marty Kathrins (Brigham and Women's Hospital), and Piruz Motamedinia (Yale School of Medicine) and BIDMC Urology Residents, the program provided attendees with lectures on urologic emergencies, trauma, and common urologic procedures that interns will encounter during their training. The attendees then had an opportunity to rotate through multiple simulations to help them practice hands-on techniques such as cystoscopy, suprapubic catheter placements, and flexible ureteroscopy.



We welcome our two new interns, **Drs. Eric MacDonald and Benjamin Green**, as well as our newest endourology fellow, **Dr. Phillip Kim**.



**Dr. Eric MacDonald**  
Albert Einstein College of Medicine



**Dr. Benjamin Green**  
Albert Einstein College of Medicine



**Dr. Phillip Kim**  
UC Davis Medical Center

**WHAT'S NEW IN RESEARCH**



**Dr. Rus Korets** was awarded a grant from the Society of Academic Urology to develop a point of care ultrasound curriculum in urology residency program, as part of a collaborative effort with Dr. Ryan Steinberg and the University of Iowa Department of Urology. Dr. Korets also spearheaded a collaborative and multidisciplinary teaching session with Dr. Matthew Lee from Ohio State Wexner Medical Center on Urolithiasis in Pregnancy for the BIDMC Maternal and Fetal Medicine Perinatal Conference.

The Dana Farber/Harvard Cancer Center team was awarded the prestigious Prostate SPORE Grant from the National Cancer Institute. The team that is led by Dr. Himisha Beltran (Associate Professor, Medicine, Harvard Medical School and Dana-Farber Cancer Institute) and Dr. Steven Balk (Professor, Medicine, Harvard Medical School and Beth Israel Deaconess Medical Center) will continue to make impactful discoveries to improve the care for patients with prostate cancer.

## WHAT'S NEW IN PRACTICE

### PENUMA<sup>®</sup> IMPLANT FOR MEN

**Dr. Marissa Kent** will soon be offering patients Penuma<sup>®</sup>, the only FDA approved cosmetic penis-enlargement surgery. Dr. Kent is one of only a handful of surgeons worldwide who have been approved to provide this procedure and is

### Rezūm<sup>™</sup> Water Vapor Therapy

Our **BID-Needham** practice has expanded their services, now offering Rezum<sup>®</sup>, Low Intensity Shock Wave Lithotripsy for Erectile Dysfunction and nitrous oxide for appropriate office procedures.

excited to offer it to the greater New England community.

## HONORS AND AWARDS



**Boris Gershman, MD** was selected as part of the 2023-2024 AUA Leadership Class, which is designed to develop the next generation of leaders for our urologic community.

**Ra'ad Al-Faouri, MD, MSc** was the winner at the 2023 Harvard Medicine Surgery Research Day for his work on mechanism of resistance to Finasteride on for management of BPH (mentor: Dr. Aria Olumi).





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**Heidi Rayala, MD, PhD**, was recently featured in [MedScape Medical News](#) for her research group's recent work showing the benefits of self-administered nitrous oxide (SANO) during prostate biopsies. The group will be sharing their latest findings on the benefits of SANO during Urodynamic Studies during the New England AUA meeting this fall.

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The work of **Joseph Black, MD, PhD** (PGY4), was featured in a [Urology Times article](#) “Robotic cystectomy shows noninferior long-term OS vs open cystectomy in urothelial carcinoma.” (mentor: Dr. Boris Gershman).

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This spring, **Dr. Andrew Wagner** was honored as a visiting professor at both Temple University in Philadelphia and Rush University in Chicago. Dr. Wagner gave lectures discussing prostate cancer surveillance and treatment options. He also judged the Philadelphia Urologic Surgeons annual resident essay contest.

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**BIDMC Urology** was selected as a partner for the AUA TV's Thought Leadership Program, a [video](#) showcasing the extraordinary care provided by the division of Urology was showcased at the American Urological Association Annual Meeting in Chicago.

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We have several open faculty positions, including two at BIDMC (Infertility/Andrology and General Urology). To learn more please visit the Harvard Medical Faculty Physician website at: <https://hmfphysicians.org/>

READ PRIOR NEWSLETTERS

*Philanthropic support is vital for our efforts to advance urologic research, training, and patient care — please visit [BIDMC Urology Giving](#) and consider making a gift to*

## RECENT PUBLICATIONS

**January 1, 2023 to June 30, 2023**

1. [Comparative Effectiveness of Magnetic Resonance Imaging-Ultrasound Fusion Versus In-bore Magnetic Resonance Imaging-targeted Prostate Biopsy](#). Ramos F, Korets R, Fleishman A, Kaul S, Johnson M, Wei JL, Olumi AF, Tsai LL, Gershman B. *Urology*. 2023 Jan;171:164-171. doi: 10.1016/j.urology.2022.09.016. Epub 2022 Oct 4. PMID: 36206828
2. [Dietary Patterns and Risk of Gleason Grade Progression among Men on Active Surveillance for Prostate Cancer: Results from the Canary Prostate Active Surveillance Study](#). Schenk JM, Liu M, Neuhaus ML, Newcomb LF, Zheng Y, Zhu K, Brooks JD, Carroll PR, Dash A, Ellis WJ, Filson CP, Gleave ME, Liss M, Martin FM, Morgan TM, Wagner AA, Lin DW. *Nutr Cancer*. 2023;75(2):618-626. doi: 10.1080/01635581.2022.2143537. Epub 2022 Nov 7. PMID: 36343223
3. [Assessing the readability and quality of online information about benign prostatic hyperplasia](#). Hotz T, Zhou MT, Reissmann ME, Apoj M, Wason SEL, Wang DS. *World J Urol*. 2023 Jan;41(1):257-262. doi: 10.1007/s00345-022-04223-9. Epub 2022 Nov 22. PMID: 36416925
4. [Colorectal cancer screening in a safety-net health system: The intersectional impact of race, ethnicity, language, and mental health](#). Allar BG, Mahmood R, Ortega G, Joseph T, Libaridian LN, Messaris E, Sheth K, Rayala HJ. *Prev Med*. 2023 Jan;166:107389. doi: 10.1016/j.ypmed.2022.107389. Epub 2022 Dec 15. PMID: 36529404
5. [EDITORIAL COMMENT](#). Steinberg PL. *Urology*. 2023 Jan;171:63. doi: 10.1016/j.urology.2022.08.057. PMID: 36610783 No abstract available.
6. [Correlates of nephrolithiasis in US black women: data from the black women's health study](#). D'Amico M, Wason S, Cozier YC. *Urolithiasis*. 2023 Jan 6;51(1):29. doi: 10.1007/s00240-022-01391-6. PMID: 36607394
7. [The role of smoking in explaining racial/ethnic disparities in bladder cancer incidence in the United States](#). Liu Y, Zhao YC, Lu Y, Goodarz D, Gershman B. *Urol Oncol*. 2023 Feb 25:S1078-1439(23)00051-0. doi: 10.1016/j.urolonc.2023.01.025. Online ahead of print. PMID: 36849327
8. [Prevalence and Morbidity of Local Treatment-Related Side Effects in Metastatic Prostate Cancer Patients](#). Sentana-Lledo D, Dodge LE, Chang

- P, Einstein DJ. Urol Oncol. 2023 Apr;41(4):204.e1-204.e6. doi: 10.1016/j.urolonc.2023.01.012. Epub 2023 Feb 6. PMID: 36754665
9. [How Would You Manage This Patient With Benign Prostatic Hyperplasia?: Grand Rounds Discussion From Beth Israel Deaconess Medical Center.](#) Smetana GW, Smith CC, Singla A, Libman H. Ann Intern Med. 2023 Apr;176(4):545-555. doi: 10.7326/M23-0113. Epub 2023 Apr 11. PMID: 37037036
  10. [Evaluation of Growth Rates for Small Renal Masses in Elderly Patients Undergoing Active Surveillance.](#) Alam R, Yerrapragada A, Wlajnitz T, Watts E, Pallauf M, Enikeev D, Chang P, Wagner AA, McKiernan JM, Pierorazio PM, Allaf ME, Singla N. Eur Urol Open Sci. 2023 Mar 1;50:78-84. doi: 10.1016/j.euros.2023.02.004. eCollection 2023 Apr. PMID: 37101773 **Free PMC article.**
  11. [Disparities in the prevalence and management of high-risk non-muscle invasive bladder cancer.](#) Estevez A, Kaul S, Fleishman A, Korets R, Chang P, Wagner A, Bellmunt J, Olumi AF, Rayala H, Gershman B. Urol Oncol. 2023 May;41(5):255.e15-255.e21. doi: 10.1016/j.urolonc.2022.11.005. Epub 2022 Nov 28. PMID: 36456453
  12. [Urothelial carcinoma of the bladder with isolated lymph node metastasis: Natural history and outcomes following surgical resection.](#) Morton E, Kaul S, Fleishman A, Korets R, Chang P, Wagner A, Kim SP, Bellmunt J, Kaplan I, Olumi AF, Gershman B. Urol Oncol. 2023 May;41(5):255.e7-255.e14. doi: 10.1016/j.urolonc.2022.11.003. Epub 2022 Dec 2. PMID: 36470805
  13. [Ureteroscopy.](#) Wason SE, Monfared S, Ionson A, Klett DE, Leslie SW. 2023 May 30. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 Jan–. PMID: 32809391 **Free Books & Documents.**
  14. [EDITORIAL COMMENT.](#) Steinberg PL. Urology. 2023 Jun;176:224-225. doi: 10.1016/j.urology.2022.12.068. PMID: 37353245 No abstract available.
  15. [Correction: Sirt1 coordinates with ERα to regulate autophagy and adiposity.](#) Tao Z, Shi L, Parke J, Zheng L, Gu W, Dong XC, Liu D, Wang Z, Olumi AF, Cheng Z. Cell Death Discov. 2023 Jun 23;9(1):190. doi: 10.1038/s41420-023-01471-5. PMID: 37353481 **Free PMC article.** No abstract available.



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