UROLOGY
2018 Year in Review
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Message from the Chair

2018 has been an exciting and productive year at Hackensack Meridian Health Hackensack University Medical Center’s Department of Urology.

In addition to continuing as the No. 1 urology program in New Jersey by U.S. News and World Report, our urologists are continuing their groundbreaking research to advance the field of urology, and using the latest technology to provide life-changing urological care to residents of the New York-New Jersey metropolitan area and beyond.

Disease Centers of Excellence for Kidney, Bladder and Prostate Cancers

As a Disease Center of Excellence for Kidney, Bladder and Prostate Cancers, our department does more than just provide the most advanced urologic cancer care; our specialists participate in research to find new, effective treatments and develop minimally invasive, robotic and organ-sparing surgical techniques for urologic cancers.

By participating in clinical trials, our patients receive access to leading-edge treatments and therapies before they are available to the public. Our urologists are also collecting and analyzing patient data to determine the best treatments and improve the standard of care for urologic cancers. Using this information, our urologists have authored papers and abstracts and entered into data-sharing agreements with hospitals around the country.

At the Forefront of Imaging Research

As leaders in the field, Hackensack University Medical Center uses advanced diagnostic imaging such as MRI/ultrasound fusion-guided biopsy to detect urologic cancers in their earliest stages. Additionally, our surgeons are combining robotic technology with intraoperative imaging tools, including near-infrared imaging, 3-D modeling and “drop-in” ultrasound technology.

Our urology team is proud of its accomplishments in 2018 and remains committed to Hackensack University Medical Center’s mission of delivering urological care that is life years ahead.

Worldwide Leaders in Robotic Surgery

Since 2002, Hackensack University Medical Center has been designated as a center for excellence in robotic urological surgery. Over the years, our urologic surgeons have continued to raise the bar for robotic surgical care, using the latest technology to develop new robotic surgical techniques and improve patient outcomes.

In 2018, our department again distinguished itself as an international leader in robotic urological surgery with the acquisition of the da Vinci single port robotic surgical system. Hackensack University Medical Center is among the first hospitals in the world — and the first and only hospital in New Jersey — to acquire this game-changing robotic technology that allows our surgeons to perform complex prostate cancer, kidney cancer and urinary tract reconstructive surgeries through a single one-inch incision.

Whether you are a patient, a parent or a physician, we are proud to share our achievements and accomplishments with you, all of which are designed to improve patient care and outcomes — putting us, and you, life years ahead.

Michael D. Stifelman, M.D.
Chairman, Department of Urology
Hackensack University Medical Center

Michael D. Stifelman, M.D.
Chair of Urology, Hackensack University Medical Center
Director, Robotic Surgery, Hackensack University Medical Center
Professor and Chairman of Urology, Hackensack Meridian School of Medicine at Seton Hall University
By the Numbers

1. **Urology Department in the State of New Jersey, U.S. News & World Report**

2. Joint Commission disease specific certifications for prostate and kidney cancer

3. Urologic cancer Centers of Excellence: Bladder, Prostate and Kidney

4. Da Vinci 4th generation robotic systems, including the ONLY SINGLE PORT robot in New Jersey

5. Subspecialties with fellowship trained urologists

6. Articles published in peer reviewed publications

7. National and international abstract presentations

8. Invited faculty lectures


Awards and Accolades

Hackensack University Medical Center Department of Urology was named #1 in the state of New Jersey by *U.S. News & World Report*. Hackensack University Medical Center was also named one of the top hospital in the New York Metro area.

- Additionally, doctors in the Department of Urology are listed in current issues of:
  - Castle Connolly’s America’s Top Doctors
  - Castle Connolly’s Top Doctors: New York Metro Area
  - Castle Connolly’s America’s Top Doctors for Cancer
  - *New York Magazine’s Annual “Top Doctors” Issue*

- The Department of Urology has received two disease specific certifications for the Joint Commission for Kidney and Prostate Cancer.

- Hackensack University Medical Center is one of the top 25 green hospitals in the country according to Practice Greenhealth.

- Hackensack University Medical Center is one of only five major academic medical centers in the nation to receive Healthgrades America’s 50 Best Hospitals Award for five or more years in a row.

- Our specialties and subspecialties received 24 Gold Seals of Approval™ by The Joint Commission – more than any other hospital in the country.

- Hackensack University Medical Center was the first hospital in New Jersey and second in the nation to become a Magnet® recognized hospital for nursing excellence; receiving its fifth consecutive designation in 2014.
Noteworthy

Residency Program Welcomes First Group of Future Urologists

In 2018, Hackensack University Medical Center’s Department of Urology welcomed its first group of urology residents into its newly launched Urology Residency Program. Our program provides urology residents with the opportunity to learn from experienced faculty, many of whom have subspecialty training in disciplines including urologic oncology, robotic urologic surgery, infertility, stone disease, sexual dysfunction, female urology, and pediatric urology.

Our urology residents benefit from a progressive, flexible curriculum that is shaped by resident feedback and highlights patient safety, interdisciplinary care and research. Additionally, our faculty members foster an environment of teamwork and cooperation while providing one-on-one mentoring and coaching.

cancer, kidney cancer and advanced urinary tract reconstructive surgeries, through a single one-inch incision.

The revolutionary design of this single port robotic surgical system allows Hackensack University Medical Center’s urological surgeons to access difficult-to-reach areas of the body with minimal trauma to surrounding tissues. In addition to further establishing Hackensack University Medical Center as a world leader in robotic urological surgery, this single port robotic technology promotes improved patient outcomes by reducing stress on the body, shortening recovery times, lowering the risk of complications and improving cosmetic results.

Students Get Front-Row Seat for Live Robotic Surgeries through Liberty Science Center Program

Hackensack Meridian Health

Hackensack University Medical Center has partnered with Liberty Science Center’s (LSC) award-winning “Live From Surgery” program to give New Jersey high school students a front-row seat to watch live robotic surgery procedures and interact with medical experts, including Michael Stifelman, M.D., Chair of Urology and Director of Robotic Surgery at Hackensack University Medical Center. This unique program, presented monthly throughout the year, has already provided more than 1,000 students with an interactive learning experience that exposes them to careers in biotechnology and medical science.

Student groups can view surgery from the Interactive Theater or 3D Science Theater at LSC, where LSC STEM Educators are on hand to pass around surgical instruments and field students’ questions for medical experts. The program can also be streamed into classrooms using distance learning technology, allowing us to connect with students in China, England and Japan.

Department of Urology Among World’s First to Acquire Single Port Robotic Surgery System

Hackensack University Medical Center’s department of Urology, a center for excellence in advanced robotic urological surgery since 2002, is among the first in the world — and the first and only medical center in New Jersey — to acquire the da Vinci single port (SP) robotic surgical system. This innovative surgical system, which is available in only two other institutions in the New York metropolitan area, allows surgeons to perform complex urological procedures, including prostate

Hackensack Meridian School of Medicine at Seton Hall University

Hackensack Meridian School of Medicine at Seton Hall University — the only private medical school in New Jersey — began accepting student applications for its inaugural class in 2018. The medical school offers a unique curriculum based on the principle that tomorrow’s physicians must integrate what they learn in the laboratory and clinical setting and apply it to community life.

Medical school students will participate in a three-year core curriculum that utilizes evidence-based teaching methods to promote effective and efficient learning — placing medicine and scientific knowledge in the context of the patient and community. As one of the premier academic departments, the Department of Urology is an integral component of the school’s innovation curriculum.
Urologic Centers of Excellence - Prostate Cancer

The Prostate Cancer Program at Hackensack University Medical Center’s Department of Urology is the highest volume prostate cancer institute in the state and has earned the Gold Seal of Approval® by the Joint Commission. Our specialists are pioneers in the field of prostate cancer care, offering a full range of prostate cancer treatments that utilize the latest technology to promote outstanding patient outcomes.

Our experienced prostate cancer surgeons — who are recognized as international leaders in robotic prostate cancer surgery — are now among a select few surgeons worldwide with access to the innovative da Vinci single port robotic surgical system to perform complex prostate cancer surgeries through a one-inch incision. Other innovations in prostate cancer care include:

**UroNav MRI/Ultrasound Fusion-Guided Biopsy**

UroNav MRI/ultrasound fusion-guided biopsy is a diagnostic tool that combines magnetic resonance imaging (MRI) technology with ultrasound imaging to improve the accuracy of prostate cancer biopsies.

Previously, prostate cancer biopsies involved using a needle to take random tissue samples from several different areas of the prostate, increasing the chances that prostate cancer would be missed. Using advanced UroNav MRI/ultrasound fusion-guided biopsy technology, our urologists can identify suspicious prostate tissue and guide the biopsy needle to that exact area. This increased accuracy and precision means that our specialists can reduce the need for repeat biopsies, diagnose and stage prostate cancer earlier, and begin treatment sooner.

In a recent series of over 300 UroNav MRIs, there was a 90% correlation between suspicious lesions (PIRAD 5) targeted by the MRI and positive biopsies.
Clinical Trial for Immunotherapy Treatment

At Hackensack University Medical Center, our urologists routinely participate in clinical trials, providing our patients with access to the latest, most promising treatments for a variety of urological conditions.

The ULYSSES study, an exciting and novel trial currently underway, is evaluating the effectiveness of ProstAtak®, an immunotherapy treatment, in patients undergoing active surveillance for localized prostate cancer. ProstAtak uses a type of gene therapy called aglatimagene besadenovec (AdV-tk), which is injected into the prostate using rectal ultrasound guidance. The goal is to stimulate the immune system to find and destroy cancer cells, producing a cancer “vaccine” effect. Researchers believe that ProstAtak may improve clinical outcomes for prostate cancer patients.

Focal Therapy for Localized Prostate Tumors

Our prostate cancer specialists are doing more than just treating prostate cancer; they are continually working to find new ways to minimize side effects, preserve healthy prostate tissue and improve quality of life for our patients. One area that shows promise is focal therapy, which refers to a variety of noninvasive techniques that destroy prostate tumors while leaving the remaining prostate gland intact. Focal therapy techniques include:

- **Focal cryoablation.** This procedure involves injecting a special solution that freezes and kills the prostate tumor while preserving healthy surrounding tissue.

- **NanoKnife®.** The NanoKnife device delivers electrical current directly to the prostate tumor under imaging guidance, killing tumor cells and sparing nearby tissue.

- **High intensity focused ultrasound (HIFU).** Our specialists are experienced with HIFU, a thermal ablation technique that uses ultrasound energy to precisely target and destroy cancerous prostate tissue.

PROSTATE CANCER DATA 2018

New patients with advanced disease treated & managed by John Theurer Cancer Center at Hackensack University Medical Center .............1,833

Robotic prostatectomies ......................................................... 321

Average length of stay ......................................................... 1 night

Mortality ................................................................................ 0%

Rate of readmission ............................................................... 3%

New patients treated with intensity-modulated radiotherapy (IMRT)......85
The multidisciplinary kidney cancer team at Hackensack University Medical Center’s Department of Urology — which includes radiologists, pathologists, medical oncologists, and urologic surgeons — offers the latest diagnostic and treatment options for kidney cancer, including state-of-the-art imaging, active surveillance, biopsy, ablation, and robotic surgical procedures.

Our kidney cancer specialists have published more than 50 papers on kidney cancer management, documenting some of the best outcomes in the field and establishing members of our team as worldwide experts at the forefront of kidney cancer care.

Our internationally recognized kidney cancer surgeons have pioneered advanced robotic surgical techniques that treat kidney tumors while sparing healthy kidney tissue. In addition to preserving kidney function, these organ-sparing robotic surgical approaches have been shown to improve long-term kidney cancer survival rates and are now used to treat approximately 70 percent of our patients with kidney cancer receiving surgery.

### KIDNEY CANCER DATA 2018

- 70% of all kidney cancer surgeries are partial nephrectomies
- Number of patients in 2018: 210
- Length of Stay: 2 nights
- Mortality: 0%
- Readmission: 4.8%
- Transfusion: 2.2%
As a result of our extensive experience and innovations in the field of robotic kidney cancer surgery, our specialists have been tapped to educate urologists from around the world on advanced surgical techniques. Our other innovations in kidney cancer care include:

**Advanced Imaging Technology**

Our kidney cancer specialists are combining robotic surgical techniques with advanced intraoperative imaging technology, including near-infrared imaging, 3-D modeling and “drop-in” ultrasound technology, to help surgeons identify and remove kidney cancer and perform reconstruction procedures. Additionally, our urologists are conducting research to help them understand how different imaging technologies can be used during kidney cancer diagnosis and treatment to optimize patient outcomes.

**Institutional Review Board Kidney Cancer Database**

During the past two-and-a-half years, the specialists at Hackensack University Medical Center have collected data on 700 kidney cancer patients — including information on tumors, treatments, and complications — to help them learn more about kidney tumor management. Information in this database has generated 10 abstracts and papers authored by our specialists, as well as a sharing agreement with kidney cancer specialists at the Cleveland Clinic.

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**Department of Urology Nurses and Allied Professionals**

The Urology Department at Hackensack University Medical Center is proud of our exceptional nurses and allied professionals. This team of highly qualified professionals, many of whom are board certified in medical-surgical nursing, provide coordinated care to our urological patients on the urology floor, designated solely for urological care.

The strength and quality of our nursing is reflected in our continued Magnet® status, ongoing since 1995. Considered the “gold standard” of nursing, this Magnet® designation recognizes our emphasis on innovation and collaboration — a key component to delivering the excellent patient outcomes we are known for.

**Recent initiatives include:**

- **Urology specific education.** Our urologists hold quarterly educational seminars for our nursing and allied professional staff.
- **“Discharge Before Noon” initiative (DBN).** Proactive discharge protocols, initiated at the time of admission, allow patients to be discharged before noon the following day.
- **Foley catheter patient education.** A patient education video that fully explains the use of the Foley catheter. Patients view the video in the hospital and can access the video from home through a secure link.
- **Outpatient care follow up.** Our nursing staff help patients coordinate their initial follow-up care, including confirming post-discharge outpatient appointments with their physician.
- **Standardized discharge instructions.** Patients are provided with standardized discharge instructions specific to their urologic procedure.
- **Oncology care continuum.** To facilitate communication and the continuum of care for urologic oncology patients, the urology unit is now paired with the oncology unit.
The urologists at Hackensack University Medical Center’s Department of Urology are among the regions most experienced at treating all stages of bladder cancer. Treatment options range from active surveillance to minimally invasive bladder reconstruction for patients with advanced stage bladder cancer.

**100% of Bladder Cancer Surgeries Performed Robotically**

Hackensack University Medical Center’s urologic surgeons are among some of the most experienced robotic bladder cancer surgeons in the country, using robotic technology to perform 100 percent of bladder cancer surgeries. Our surgeons use the robot to perform the entire procedure, including lymph node removal and bladder reconstruction, during a single operation.

Our surgeons perform robotic partial and total bladder removal procedures called cystectomies, as well as life-changing robotic bladder reconstruction surgeries. Robotic urinary diversion and bladder reconstruction procedures include:

- **Ileal conduit.** An ileal conduit is a common urine diversion method that uses a small segment of intestine to allow urine to drain into a bag attached to the outside of the abdomen through an opening called a stoma.

- **Neobladder reconstruction.** Neobladder reconstruction involves using a segment of the small intestine to construct a new bladder. This highly advanced procedure allows patients to maintain their ability to urinate normally without needing to wear a bag. Our surgeons are able to perform this surgery on approximately 25% of our bladder cancer patients.
■ Continent pouch. A continent urinary diversion, or pouch, is for patients who are not candidates for neobladder reconstruction, but who still wish to avoid an external bag or tube. A more complex reconstruction, this procedure creates a reservoir to collect urine inside the body using a section of the small intestine. Our surgeons create a stoma in the abdomen that allows the patient to use a special valve to empty the reservoir. The stoma can be covered with an adhesive bandage.

Enhanced Recovery After Surgery (ERAS)
In addition to developing new robotic surgical techniques, our bladder cancer specialists have also developed protocols to educate patients and prepare them for surgery, improve patient safety, and promote a faster recovery. Our Enhanced Recovery After Surgery (ERAS) protocol, for example, helps patients learn to urinate in a new way and cope with common symptoms that occur as their bodies adjust to their reconstructed bladder.

Our bladder cancer surgeons also work collaboratively with oncologists at John Theurer Cancer Center to coordinate bladder cancer care, taking a multidisciplinary approach to creating personalized treatment plans. Our patients benefit from the expertise of specialists in oncology as well as robotic surgery, working together to improve outcomes and provide long term care and support.

Planned Institutional Review Board Bladder Cancer Database
During the next year, our urologists plan to begin collecting bladder cancer patient data as part of an official Institutional Review Board database to help them understand patient outcomes, conduct research and advance the study and treatment of bladder cancer.

BLADDER CANCER DATA 2018
Length of Stay.......................5-6 days (down from 8-9 days)
Mortality..................................0%
Readmission.........................14.3% (lower the national average of more than 20%)
Kidney Stones

The urologists at Hackensack University Medical Center’s Kidney Stone Center are at the forefront of kidney stone treatment. Our kidney stone specialists treat all types of stone disease, combining their experience with new technologies to achieve outstanding results.

The Latest in Shockwave Lithotripsy
Shockwave lithotripsy is a noninvasive treatment that uses X-rays to locate stones, and sound waves to break those stones into small pieces that can be passed through the urinary tract. Although shockwave lithotripsy has been used to treat kidney stones for 30 years, Hackensack University Medical Center has the latest, most effective shockwave lithotripsy technology — the Dornier Delta III® - allowing for better targeting and fragmentation of kidney stones, while reducing the risk of discomfort and bruising after the procedure.

An Innovative Approach to Ureteroscopy
A ureteroscopy is a procedure that is used to break up large or painful kidney stones and remove fragments through the urethral opening. Hackensack University Medical Center is the first hospital in New Jersey — and one of the only hospitals in the world — to perform this procedure using the LithoVue™ Single-Use Digital Flexible Ureteroscope, a single-use, disposable flexible ureteroscope.

To further improve the use of the device, our specialists have created an algorithm to predict which patients would most benefit from treatment with the disposable ureteroscope and which should be treated with a traditional ureteroscope; an algorithm that has now been adopted by other hospitals as well as the device manufacturer.

Our kidney stone specialists presented their findings on the use of disposable versus permanent ureteroscopes at the 36th World Congress of Endourology and SWL in Paris, France in September 2018.
Powerful Laser Treatment for Kidney Stones —
The Lumenis® Holmium Laser

Hackensack University Medical Center is among the first hospitals in the New York metropolitan area to acquire a state-of-the-art Lumenis holmium 120 watt surgical laser. The most powerful holmium laser available, this technology allows our kidney stone specialists to safely, efficiently and completely treat large kidney stones — creating smaller fragments than other kidney stone treatments. In fact, our holmium laser is so powerful that it has the potential to pulverize the stones, turning them into dust that can easily be passed through the urinary tract.

Single Stage Percutaneous Kidney Stone Removal

Percutaneous kidney stone removal is a surgical procedure to remove very large or difficult-to-reach kidney stones. A small incision is made in the patient’s back and the stones are broken up with high-frequency sound waves. The fragments are then “vacuumed” up using a suction machine.

Previously, the procedure was performed in two stages; the first stage involved breaking up the stone, and the second stage involved removing the fragments. Our fellowship trained kidney stone specialists are now using an advanced tool called the Swiss LithoClast Trilogy™ that allows them to simultaneously break up and remove kidney stones through a dime-sized incision in the back, shortening the procedure from two stages to only one. This technology, which is not available at most hospitals, allows patients to return home the day of the procedure.

First Annual Research and Education Fundraising Event

On November 13th, the Hackensack University Medical Center Foundation hosted its first Annual Research and Education Fundraising Event, including an informative panel discussion on the latest breakthroughs in urologic care — happening right now — at the medical center. The featured speakers were HackensackUMC urologists Mutahar Ahmed, M.D., Ravi Munver, M.D., David Shin, M.D. and Michael Stifelman, M.D.

The evening included a panel discussion and cocktail reception, and was held at the Edgewood Country Club. Topics centered around the role of innovation and research in the treatment of all types of urologic conditions, including cancers of the kidney, prostate and bladder, as well as kidney stones and infertility.
Advanced Robotic Ureteral Reconstruction

Our team of urologic reconstructive surgeons has more experience performing upper urinary tract reconstructive surgery than any other urological group in the metropolitan area. Additionally, our surgeons have pioneered several of the least invasive approaches to this complex procedure.

At Hackensack University Medical Center, our surgeons perform more than 90 percent of ureteral reconstruction procedures using robotic technology. In addition to being among the most experienced in the world at robotic ureteral reconstruction, our surgeons have been recognized internationally as experts in the field.

Our urologic surgeons pioneered an innovative robotic surgical technique for ureteral reconstruction called buccal mucosa ureteroplasty, which uses tissue from the inside of the cheek to reconstruct the ureter. Our faculty also teach a course on robotic ureteral reconstruction at the American Urological Association (AUA) and were awarded “Best Video of the Year” award from the AUA.

To further advance robotic ureteral reconstruction surgery and improve patient outcomes, our surgeons are sharing robotic ureteral reconstruction patient data with urologists from Temple University and New York University.

HackensackUMC Urologic Surgeons Travel the World to Share Their Skills

The urologic surgeons at Hackensack University Medical Center are internationally recognized leaders in robotic and minimally invasive urologic surgery. As part of their commitment to improving urological care for patients around the world, Hackensack University Medical Center’s urologic surgeons routinely travel throughout the U.S. and abroad to perform robotic and minimally invasive urological surgeries and demonstrate their pioneering surgical techniques.

Recently, our surgeons performed and demonstrated robotic and minimally invasive surgery in the following countries: Bangladesh, Canada, France, Germany, Japan, Spain, Taiwan, United Kingdom, and the United States (California and Nevada).
Pediatric Urology

The fellowship-trained pediatric urologists at Hackensack University Medical Center, led by Harry P. Koo, MD, are among the most experienced in the region at treating a full range of pediatric urological conditions in children of all ages — from infants to teens. In addition to being recognized as international leaders in the field of pediatric urology, our doctors use a personalized, age-appropriate approach to diagnose and treat urological conditions while creating a welcoming, supportive environment for kids and their families. Our urologists work in collaboration with a specialized pediatric care team, including anesthesiologists, maternal/fetal specialists, radiologists, nephrologists and nurses.

Children who require urologic surgery are treated at the Joseph M. Sanzari Children’s Hospital, one of the region’s premier pediatric hospitals, designed with kids and their families in mind. Our pediatric urology specialists perform minimally invasive and robotic surgical procedures to improve outcomes, reduce scarring, and promote faster healing.

Innovative Diagnostics for Urinary Incontinence and Neurogenic Bladder

When a child has difficulty holding or releasing urine it can be embarrassing and uncomfortable. To help children and their families deal with incontinence, it is important to get an accurate and complete diagnosis of the cause of the problem.

Our specialists use state-of-the-art video urodynamics at the Department of Urology Continence Center to perform a detailed evaluation of the urinary system. Our pediatric urology urodynamics team is dedicated to finding answers and developing solutions to many different bladder function problems in children, from the common to the rare and complex.

Our specially trained experts have many years of experience working closely with families, referring physicians and other medical professionals. In fact, pediatric urologists, transplant surgeons, and neurosurgeons throughout New Jersey rely on us to provide pre-surgical and post-surgical urodynamic evaluation for children with congenital anatomic and neurologic abnormalities of the bladder and urethra.

Through these tests, we are able to evaluate how well a child’s body collects, and then releases, urine. The ways in which the bladder, urethra, and sphincter muscles that control the urethra work together can provide significant clues about why a child may be having difficulty staying dry, developing recurring urinary tract infections, or experiencing bladder control challenges that may be related to a congenital problem or neurological disorder.

Urodynamics also helps the child’s care team determine the best ways to treat urologic conditions, whether through medication, behavioral therapy, surgery or a combination of approaches.

Fetal Urological Conditions

Hackensack University Medical Center’s pediatric urologists specialize in treating urological conditions that are diagnosed before a baby is born, including congenital problems, swollen kidneys, and other abnormalities.

Our pediatric urologists work closely with maternal/fetal specialists to monitor the baby’s condition and provide specialized prenatal care, birth planning and fetal intervention — as well as information, reassurance, advice and support for parents. Our specialists continue to monitor babies after birth and provide surgical care, if needed.

Kidney Stones

As part of Hackensack University Medical Center’s Kidney Stone Program, our pediatric urologists and pediatric nephrologists provide for an inter-disciplinary, comprehensive kidney stone care for children of all ages. The team treats kidney stones using advanced minimally invasive techniques and innovative technologies that reduce discomfort and improve recovery time. Our team also focuses on a comprehensive metabolic evaluation, and offers guidance on how to prevent the formation of stones.
Presentations and Publications

**PRESENTATIONS:**

- Development and Validation of an Objective Scoring Tool for Minimally Invasive Partial Nephrectomy: Scoring for Partial Nephrectomy (SPAN), Michael Stifelman, American Urological Association San Francisco
- Outcomes of Anastrozole in the Treatment of Subfertile Males with Body Mass Index ≥ 25 kg/m², David Shin, American Urological Association San Francisco
- Pre-Biopsy Hypogonadism in Prostate Cancer Patients is Associated With Metastatic Prostate Cancer in the Veteran Population, Hossein Sadeghi-Nejad, American Urological Association May San Francisco
- Pre-Operative Risk Factors for Wound Complications Following Circumcision in the Veteran Population, Hossein Sadeghi-Nejad, American Urological Association May San Francisco
- Patterns of and risk factors for antimicrobial resistance in female urological patients with urinary tract infections in the New York/New Jersey metropolitan area outpatient setting, Gina Kirkpatrick, Anat Zelmanovich, Mary Fakunle, Debra Fromer, Society Of Urodynamics and Female Urogenital Reconstruction Annual Meeting, San Francisco
- Multidisciplinary approach to severe pelvic organ prolapse, Anat Zelmanovich, Michael Stifelman, Debra Fromer, North American Urologic Symposium, Las Vegas
- Functionalized Nanofibrous Scaffold for Cavernosal Nerve Tissue Engineering, Northeast Bioengineering Conference, Harry Koo, Boston
- Factors Associated with Substantial Decline in Renal Function following Partial Nephrectomy, Michael D. Stifelman, World Congress Endourology, Paris
- Post-operative complications requiring procedural intervention in the modern era of robot-assisted laparoscopic partial nephrectomy, Michael D. Stifelman, World Congress Endourology, Paris
- Intraoperative mannitol does not benefit patients with diminished renal functional reserve, Michael D. Stifelman, World Congress Endourology, Paris
- Predictive factors in pathologic T3 upstaging of clinical T1 renal cell carcinoma and differences in intraoperative and immediate post-operative, Michael D. Stifelman, World Congress Endourology, Paris
- Photoselective Vaporization of the Prostate in Patients with Prostate Volumes > 200 cc, Johnson Tsui, John Stites, Ravi Munver, World Congress Endourology, Paris
- GreenLight Laser Therapy in Patients with Prostate Cancer and Bladder Outlet Obstruction: Intermediate Term Results, Johnston Tsui, Michael Degen, Kevin Basrinal, Ravi Munver, World Congress Endourology, Paris
- Initial Experience with a Bioregenerative Matrix on Erectile Function Following Nerve-Sparing Robot-Assisted Laparoscopic Radical Prostatectomy, John Stites, Johnson Tsui, Michael Degen, Kevin Basrinal, Ravi Munver, World Congress Endourology, Paris

**PUBLICATIONS:**

Our Team

HACKENSACK UNIVERSITY MEDICAL CENTER DEPARTMENT OF UROLOGY
HackensackUMC.org/services/urology

Mutahar Ahmed, M.D., FACS
Director
Urologic Bladder Cancer

Kevin R. Basralian, M.D.
Senior Attending
Department of Urology

David Chang, M.D.
Attending
Department of Urology

Keith Alan Christiansen, M.D.
Attending
Department of Urology

Michael C. Degen, M.D.
Attending
Department of Urology

Michael P. Esposito, M.D., FACS
Co-Director Endourology and Robotic Fellowship

Debra Lynn Fromer, M.D.
Chief, Female Pelvic Medicine and Reconstructive Surgery

Terry Hensle, M.D.
Senior Attending
Department of Urology

Michelle Joosun Kim, M.D.
Chief, Prostatic Disorders and Pelvic Tumors

Harry P. Koo, M.D.
Chief, Pediatric Urology
Department of Urology

Gregory G. Lovallo, M.D., FACS
Attending
Department of Urology

Venkata Marella, M.D.
Attending
Department of Urology

Ravi Munver, M.D., FACS
Professor and Vice Chair
Chief, Robotic & Minimally Invasive Urologic Surgery
Director, Endourology, Laporoscopy, Robotic Surgery Fellowship

Jay Rosen, M.D.
Senior Attending
Department of Urology

Hossein Sadeghi-Nejad, M.D.
Senior Attending
Department of Urology

Ihor S. Sawczuk, M.D., FACS
Regional President, Hackensack Meridian Health
Professor and Chair Emeritus
Department of Urology

David Shin, M.D.
Chief, Center for Sexual Health and Fertility

Michael D. Stifelman, M.D.
Professor and Chair
Director, Robotic Surgery
Co-Chair, Urological Oncology

Richard A. Watson, M.D.
Director, Ambulatory Urology
Chief of Urology Training
Director of Resident Education
Our Team

Richard Schlussel, M.D.
Attending
Department of Urology

Burton A. Schlecker, M.D.
Attending
Department of Urology

Matthew Shahbandi, M.D.
Attending
Department of Urology

Andrew L. Siegel, M.D.
Senior Attending
Department of Urology

Robert Simon, M.D.
Attending
Department of Urology

Suzannah Sorin, P.A.
Physician Assistant
Department of Urology

Steven Tennenbaum, M.D.
Attending
Department of Urology

Christopher Wright, M.D.
Attending
Department of Urology

Stephen N. Zoretic, M.D.
Attending
Department of Urology

Robert P. Caruso, M.D.
Attending
Department of Urology

Thomas Christiano, M.D.
Attending
Department of Urology

Michael Ciccone, M.D.
Attending
Department of Urology

Richard J. Garden, M.D.
Attending
Department of Urology

Glenn Gmyrek, M.D.
Attending
Department of Urology

Martin M. Goldstein, M.D.
Attending
Department of Urology

Andranik Hovhannesian, M.D.
Attending
Department of Urology

Tenzin Lama-Tamang, N.P.
Nurse Practitioner
Department of Urology

Vincent J. Lanteri, M.D.
Senior Attending
Department of Urology

Steve Lebovitch, M.D.
Attending
Department of Urology

Daniel Robert Lowe, M.D.
Attending
Department of Urology

Eric Margolis, M.D.
Attending
Department of Urology

Sergey Rome, M.D.
Attending
Department of Urology

Gene S. Rosenberg, M.D.
Senior Attending
Department of Urology

Glenn Gmyrek, M.D.
Attending
Department of Urology

Andranik Hovhannesian, M.D.
Attending
Department of Urology

Tenzin Lama-Tamang, N.P.
Nurse Practitioner
Department of Urology

Eric Margolis, M.D.
Attending
Department of Urology

Sergey Rome, M.D.
Attending
Department of Urology

Gene S. Rosenberg, M.D.
Senior Attending
Department of Urology

Richard J. Garden, M.D.
Attending
Department of Urology