



MOUNT SINAI
SCHOOL OF
MEDICINE

MOUNT SINAI UROLOGY ASSOCIATES



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Mount Sinai Urology Associates treats adult and pediatric urologic diseases and conditions, offering a comprehensive array of state-of-the-art medical and surgical care. All physicians in the practice are on the staff of The Mount Sinai Hospital and the faculty of Mount Sinai School of Medicine and have completed advanced accredited fellowship training in specific sub-specialty areas, including:

ROBOTIC SURGERY

Michael A. Palese, MD

David B. Samadi, MD

Jeffrey A. Stock, MD

LAPAROSCOPIC SURGERY

Simon J. Hall, MD

Michael A. Palese, MD

Courtney K. Phillips, MD

UROLOGIC ONCOLOGY: PROSTATE, BLADDER, KIDNEY, TESTICULAR CANCERS

Michael J. Droller, MD

Simon J. Hall, MD

Michael A. Palese, MD

Courtney K. Phillips, MD

David B. Samadi, MD

PROSTATE HEALTH

Michael J. Droller, MD

Simon J. Hall, MD

Michael A. Palese, MD

KIDNEY STONE DISEASE

Michael A. Palese, MD

INCONTINENCE AND PELVIC FLOOR DYSFUNCTION

Neil H. Grafstein, MD

MALE INFERTILITY, SEXUAL HEALTH, ERECTILE DYSFUNCTION

Natan Bar-Chama, MD

PEDIATRIC UROLOGY

Jeffrey A. Stock, MD

BEHAVIORAL RESEARCH AND PATIENT EDUCATION

Michael A. Diefenbach, PhD

For more information or to make an appointment,

Please call 212-241-4812

WHO WE ARE

The Department of Urology has been a leader in clinical practice, education and research since 1852, with the establishment of Mount Sinai Hospital in New York City. Today, depth of knowledge, breadth of experience, and compassion for patients continue to characterize the highly respected physicians of Mount Sinai Urology Associates. As dedicated educators and researchers, as well as clinicians with advanced fellowship training in specific sub-specialties, they are on the cutting edge of medical and technological advances in the field of urology.

Our urologists care for individuals at all stages of life . . . infants with congenital birth abnormalities, men in the prime of life with erectile dysfunction, women at mid-life requiring pelvic floor reconstruction, and men with prostate conditions as they age. Patients diagnosed with prostate, bladder and kidney cancer come to Mount Sinai from here and abroad for the most advanced laparoscopic and robotic surgical procedures and radiation techniques.

The physicians of Mount Sinai Urology Associates are on the frontlines of prostate cancer research, from basic science in the laboratory to the study of promising treatments in clinical trials. As both clinicians and researchers, the members of Mount Sinai Urology Associates are able to translate the latest research advances into clinical practice.





SIMON J. HALL, MD

Kyung Hyun Kim, MD Chair in Urology

Chairman, Department of Urology

Director, Barbara and Maurice Deane Prostate Health and Research Center

Associate Professor of Urology

Medical Education: Columbia University College of Physicians and Surgeons

Post-Doctoral Training: Mount Sinai School of Medicine (surgery residency);

Boston University Medical Center (urology residency);

Baylor College of Medicine (uro-oncology fellowship)

CLINICAL INTEREST: UROLOGIC ONCOLOGY

While serving as Chairman, Dr. Hall maintains a busy practice specializing in the treatment of prostate, kidney and bladder cancers. A highly skilled surgeon, he has a particular interest in integrating conventional surgical techniques with laparoscopic and robotic surgery, as well as reconstructive urology, such as continent diversions involving the creation of new bladders from sections of small intestine. As Director of the Deane Center, Dr. Hall oversees a staff of physicians who provide comprehensive care for men with prostate cancer, including diagnostics and multidisciplinary treatment approaches, as well as specialists in urinary and erectile dysfunction issues associated with treatment. In the laboratory, he is spearheading the development of gene and viral therapies for prostate and bladder cancer. Dr. Hall is active in community education and prostate cancer screening programs throughout New York City. He was listed in the 2007 and 2008 “Best Doctors’ issues of *New York Magazine* and Castle Connolly’s “America’s Top Doctors.”



THE BARBARA AND MAURICE DEANE PROSTATE HEALTH AND RESEARCH CENTER

The need for enhancing the understanding of the prostate's important role in men's health has been the impetus for the establishment of the Barbara and Maurice Deane Prostate Health and Research Center within the Department of Urology at Mount Sinai.

Every effort has been made to create a warm, welcoming environment, where patients and family members can avail themselves of multidisciplinary medical expertise and feel confident that diagnostic and treatment plans are customized to their specific needs.

Deane Center physicians treat the broad spectrum of prostate conditions, including prostatitis, benign prostatic hyperplasia (BPH), and prostate cancer. They offer a comprehensive array of state-of-the-art treatment options, including minimally invasive prostatectomy with the DaVinci® robotic surgical system and laser and microwave surgery for BPH performed on an outpatient basis. As scientists, Deane Center physicians are also engaged in laboratory research and clinical trials that offer hope for men suffering from prostate cancer today and in the future.

The guiding principle of the Deane Center is to foster synergies between patient care, scientific research and community education and screening programs.

To that end, our mission is threefold:

- To provide state-of-the-art, comprehensive and personalized patient care
- To support cutting-edge research to increase the understanding of prostate cancer and lead to the development of innovative therapies
- To reach out to men with prostate cancer screening and education programs, with an emphasis on underserved and at-risk minority populations



ROBOTIC ASSISTED MINIMALLY INVASIVE LAPAROSCOPIC SURGERY

Advancements in minimally invasive surgical techniques utilizing robotic assisted laparoscopic surgery are revolutionizing the treatment of urologic cancers and other conditions affecting the urinary tract in adults, as well as pediatric cases. Mount Sinai urologists are leaders in the field, performing hundreds of robotic assisted procedures each year with the da Vinci® surgical system. Dr. David B. Samadi spearheads the robotic surgery program for prostate cancer, while the focus of Dr. Michael A. Palese's robotic surgery practice is kidney cancer and the reconstruction of kidney abnormalities in adults. Dr. Jeffrey A. Stock is devoted to pediatric urology and is also a trained robotic surgeon. Robotic surgery offers patients numerous benefits, including less time in surgery and under general anesthesia, significantly less blood loss during surgery, a reduction in post-surgical pain, and quicker recovery. In addition to offering the surgeon speed and efficiency, the da Vinci® system's 3-D magnified view allows for better visualization and the delicate instruments are actually more sensitive than human hands. Any individual who is a candidate for traditional open surgery is also a candidate for robotic assisted surgery. The advanced technology is also responsible for improved outcomes, with a reduction in incontinence and sexual dysfunction following radical prostatectomy.



DAVID B. SAMADI, MD

Assistant Professor of Urology

Chief, Division of Robotics and Minimally Invasive Surgery

Medical Education: SUNY Stony Brook School of Medicine

Post-Doctoral Training: Albert Einstein College of Medicine (urology residency);

Montefiore Medical Center (general surgery residency);

Memorial Sloan-Kettering Cancer Center (urologic oncology fellowship);

Henri Mondor Hospital (laparoscopic and robotic fellowship)

CLINICAL INTERESTS: UROLOGIC ONCOLOGY, ROBOTIC AND LAPAROSCOPIC SURGERY FOR PROSTATE AND BLADDER CANCER

Dr. Samadi is one of the nation's leading uro-oncologists, specializing in the diagnosis and treatment of prostate and bladder cancers and one of a very small number of urologic surgeons trained in robotic surgery. He offers an unusual combination of extensive training in open and laparoscopic surgery, as well as robotics. Dr. Samadi believes it is essential for a urologist performing robotic prostatectomy to be trained in all three areas, because individual cases can present different challenges requiring different approaches. In Dr. Samadi's experience, robotic surgery reduces blood loss during surgery and post-operative pain, shortens recovery time and minimizes side effects such as urinary incontinence and erectile dysfunction. To date, he has performed over 1,400 minimally invasive robotic prostatectomies and frequently lectures and trains other urologists on the use of the da Vinci® robotic surgical system for kidney and bladder cancers, as well as prostate cancer. Dr. Samadi maintains a Website at www.roboticoncology.com and can be contacted directly at 1-888-roboto.



MICHAEL A. PALESE, MD

Assistant Professor of Urology

Director of Laparoscopy and Endourology

Medical Education: The Mount Sinai School of Medicine

Post-Doctoral Training: The University of Maryland Medical System

(general surgery and urology residency);

The Johns Hopkins Hospital (research fellowship);

The Weill Medical College of Cornell University

(robotic and laparoscopic surgery fellowship)

CLINICAL INTERESTS: ROBOTIC AND LAPAROSCOPIC SURGERY, ONCOLOGY, KIDNEY CANCER, PROSTATE CANCER, KIDNEY STONES, LASER AND MICROWAVE SURGERY FOR BENIGN PROSTATIC HYPERPLASIA (BPH)

Dr. Palese is an experienced laparoscopic and robotic surgeon, having performed over one thousand procedures for prostate, kidney, bladder, testicular and adrenal cancers. He established the robotic surgery program at Mount Sinai for the treatment of prostate cancer and kidney disease and is a member of the renal transplant team. He also specializes in the latest techniques for the minimally invasive treatment of kidney stone disease including laser, shock wave and percutaneous procedures and is an expert in the treatment of benign prostatic hyperplasia (BPH) using laser and other minimally invasive procedures. Dr. Palese is a permanent faculty member of the American Urological Association's Basic Laparoscopy Course and has served as Course Director for the Advanced Laparoscopy Course. He has published numerous articles in peer-reviewed publications and book chapters, presented numerous abstracts at national and international meetings and received several prestigious national awards from medical associations.





MICHAEL J. DROLLER, MD

The Katherine and Clifford Goldsmith Professor of Urology

Medical Education: Harvard Medical School

Post-Doctoral Training: Albert Einstein College of Medicine

(medicine internship); Peter Bent Brigham Hospital (general surgery residency);

Stamford University Medical Center (urology residency)

CLINICAL INTERESTS: UROLOGIC ONCOLOGY

Dr. Droller, former Chairman of Urology and former President of the New York Section of the American Urological Association and of the Society of Urologic Oncology, focuses on urologic oncology, with a particular interest and experience in the evaluation and treatment of cancers of the bladder, prostate and kidney. He is internationally renowned for his research on bladder cancer and his expertise in urologic oncology, having published nearly 200 articles in peer-reviewed journals. He is Editor-in-Chief of *Urologic Oncology: Seminars and Original Investigations*, the official journal of The Society of Urologic Oncology, and Associate Editor of the *Journal of Urology*, the official journal of the American Urological Association. He has served as Chair of the Medical Advisory Council of the American Urological Association Foundation and as a Trustee of the American Board of Urology. His current research focuses on new concepts and methods in the diagnosis and treatment of bladder and prostate cancer. Since 1986, Dr. Droller has been listed in *New York Magazine's* "Best Doctors" issues, as well as in the national and New York Metro editions of Castle Connolly's "America's Top Doctors."



NEIL H. GRAFSTEIN, MD

Assistant Professor of Urology

Director of Reconstructive Urology,

Female Urology and Voiding Dysfunction

Medical Education: State University of New York - Downstate Medical Center

Post-Doctoral Training: State University of New York - Downstate Medical Center

(general surgery and urology residencies); Duke University Medical Center

(reconstructive urology, female urology and urodynamics fellowship)

CLINICAL INTERESTS: RECONSTRUCTIVE UROLOGY, MALE AND FEMALE VOIDING DYSFUNCTION

Dr. Grafstein's clinical practice focuses on reconstruction of the urinary tract, female urology and urinary incontinence. With expertise in both neurourological (spinal cord injury, multiple sclerosis, etc.) and non-neurogenic voiding dysfunction, he has a particular interest

in the treatment of male post-prostatectomy incontinence using innovative minimally invasive techniques. One of a small number of urologists in the nation with advanced training in reconstruction of the adult male urethra (urethroplasty) for stricture disease or trauma, his surgical reconstructive practice also includes continent urinary diversions, vaginal and pelvic floor reconstruction for female pelvic organ prolapse and repair of genito-urinary fistulae. Dr. Grafstein has authored numerous articles in peer-reviewed journals, scientific abstracts, instructional videos and textbook chapters and has been an invited lecturer at multiple academic institutions on topics including urinary incontinence, continent diversions and urethral reconstruction. His scientific work has been recognized with awards from the American College of Surgeons and the American Urological Association.



RECONSTRUCTIVE UROLOGY, FEMALE UROLOGY AND VOIDING DYSFUNCTION

Our world-class incontinence and reconstructive urology program now provides specialized care for the broad spectrum of male and female neurologic and non-neurologic voiding dysfunction disorders. A state-of-the-art Continence Center provides the convenience of on-site diagnostic procedures and surgical treatments for lower urinary tract trauma, repair of urethral strictures and bladder and urethral reconstruction using autologous and prosthetic approaches and devices in conjunction with treatment for bladder cancer. The female urology practice involves close collaboration with the Division of Urogynecology. Our physicians are also committed to physician training and research in this important area of urology.



NATAN BAR-CHAMA, MD

Associate Professor of Urology

Director of Male Reproductive Medicine and Surgery

Medical Education: Albert Einstein College of Medicine

Post-Doctoral Training: Albert Einstein College of

Medicine (urology residency): Baylor College of

Medicine (male reproductive medicine and surgery fellowship)

CLINICAL INTERESTS: SEXUAL HEALTH, INFERTILITY, ERECTILE DYSFUNCTION

As the head of the Sexual Health Program at Mount Sinai, Dr. Bar-Chama devotes his clinical practice to male reproductive medicine, erectile dysfunction, and microsurgical reconstruction for the treatment of male-factor infertility. He works closely with in vitro fertilization specialists to offer advanced reproductive services, such as intracytoplasmic sperm injection, to couples with severe male factor infertility. Dr. Bar-Chama also conducts research in the fields of male infertility and erectile dysfunction, and leads numerous clinical trials for new erectile dysfunction therapies. He serves on the Board of Directors of the American Fertility Association (AFA) and was awarded the organization's Family Building Award in 2000. He also serves on the Board of Directors of the Society of Male Reproductive Urology (SMRU) and the American Society of Reproductive Medicine (ASRM). He was included in *New York Magazine's* "Best Doctors" issues in 2005, 2006 and 2007 and Castle Connolly's "America's Top Doctors" national and New York Metro Area editions since 2002.



SEXUAL HEALTH PROGRAM

Erectile dysfunction, the inability to achieve and maintain an erection, is a common condition estimated to affect nearly 30 million American men. Most causes of erectile dysfunction reflect an underlying physical disorder such as vascular disease, hypertension, and diabetes, or are related to side effects of medications and certain surgical procedures. The Mount Sinai Sexual Health Program offers a comprehensive approach to the diagnosis and treatment of erectile dysfunction, combining thorough medical evaluation, counseling, and therapy. Using the most advanced techniques available, specialists evaluate the hormonal, neurogenic, vascular, and psychological causes of sexual dysfunction. Treatment options include oral medications, hormone replacement therapy, counseling, intraurethral medication, injection therapy, external vacuum therapy, penile prosthesis, and reconstructive surgery. Once an underlying medical condition is identified, patients and their partners receive the guidance they need to make the appropriate personal decision regarding treatment. The vast majority of men seeking medical assistance can be helped.



COURTNEY K. PHILLIPS, MD

Assistant Professor of Urology
Chief of Service, North General Hospital; Staff Urologist,
Queens Hospital Cancer Center
Medical Education: University of Medicine and Dentistry, New Jersey Medical School
Post-Doctoral Training: New York University Medical Center (general surgery
and urology residencies);
Columbia Presbyterian Medical Center (minimally invasive urologic oncology and
endourology fellowship)

CLINICAL INTERESTS: UROLOGIC ONCOLOGY

Dr. Phillips' clinical practice is dedicated to the operative and non-operative management of urologic malignancies, with a particular focus on bladder and kidney malignancies. In addition to her clinical work and involvement in ongoing clinical trials for the treatment of urologic malignancies, Dr. Phillips is actively engaged in basic science and translational research. She has authored several peer-reviewed journal articles, scientific abstracts and book chapters on the management of urologic cancers, as well as the pathophysiology of ischemia. Dr. Phillips has received awards from the American Urological Association and the Engineering and Urology Society for her scientific work.





JEFFREY A. STOCK, MD

Associate Professor of Urology and Pediatrics
Director of Pediatric Urology, Minimally Invasive and Robotic Pediatric Urologic Surgery
Medical Education: Mount Sinai School of Medicine
Post-Doctoral Training: University of Medicine and Dentistry, New Jersey Medical School (urological surgery residency); University of California, San Diego/ Children's Hospital of San Diego (pediatric urology fellowship)

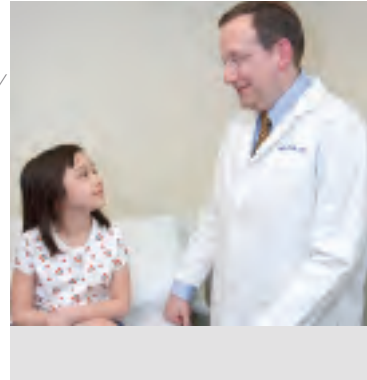
CLINICAL INTERESTS: PEDIATRIC UROLOGY

Dr. Stock's practice is dedicated exclusively to pediatric urology and the surgical reconstruction of genitourinary birth defects. His clinical specialties include the evaluation and treatment of children with urinary tract infection, vesicoureteral reflux and hydronephrosis. He has extensive experience in the surgical repair of hypospadias, ureteral reflux, and ureteropelvic junction obstruction. Dr. Stock has developed several minimally invasive procedures as alternatives to open surgery and is one of the most experienced urologists in the tri-state region performing robotic assisted surgery on children as young as eight months old to repair obstructed kidneys, ectopic ureters, vesicoureteral reflux and intra-abdominal testis. Dr. Stock has published over 50 articles in peer-reviewed journals, and has served as Associate Editor for the journal *Urology*. He is also the Co-Editor of the recently published textbook *Urologic Robotic Surgery*.

Since 2003, he has been listed in the New York Metro editions of Castle Connolly's "America's Top Doctors," as well as in the 2003, 2005 and 2007 "Top Doctors" issues of *New Jersey Monthly* and the 2008 "Best Doctors" issue of *New York Magazine*.

THE CENTER FOR PEDIATRIC UROLOGY

The Center for Pediatric Urology offers evaluation, medical treatment and surgery for newborns, infants, children and adolescents. Our multidisciplinary team approach utilizes the extensive knowledge and experience of obstetricians, perinatologists, neonatologists and pediatric urologists to manage prenatally detected genitourinary anomalies. Perinatal conditions treated include hydronephrosis, posterior urethral valves, ureteropelvic junction obstruction, vesicoureteral reflux and multicystic dysplastic kidneys. Surgical repairs of common genitourinary anomalies such as hydroceles, undescended testis, hypospadias and chordee are routinely performed during the first year of life. Endoscopic treatment of ureteral reflux allows for ambulatory surgical correction. The Center offers the latest minimally invasive treatments, including robotic assisted surgery for major reconstructive procedures.





MICHAEL A. DIEFENBACH, PhD

Associate Professor of Urology

Director of Behavioral Health

Doctoral Education: The University of Wisconsin-Madison; Rutgers/
The State University of New Jersey

Post-Doctoral Training: Rutgers/The State University of New Jersey;
Fox Chase Cancer Center (fellowship)

CLINICAL INTERESTS: TREATMENT DECISION MAKING AND QUALITY OF LIFE

Dr. Diefenbach is a nationally known social/health psychologist who specializes in improving patient treatment decision making, health communication, and quality of life through patient and family-focused programs. Using new technologies, he develops and evaluates innovative approaches to patient education, working with physicians to integrate these programs into medical practice. He is the co-developer of the Prostate Interactive Education System (PIES), an interactive multimedia computer program designed to educate prostate cancer patients about their disease and treatment options. Dr. Diefenbach maintains an active research program that is funded by the National Cancer Institute and the Department of Defense. He has published extensively on psychosocial aspects of prostate cancer, serves on several funding review panels, and is a member of the Board of the Society of Behavioral Medicine.

PATIENT EDUCATION AND BEHAVIORAL RESEARCH

A hallmark of Mount Sinai Urology Associates is the direct involvement of patients in their care. While in some medical situations the course of action may be clear, more often than not there are several available treatment options. In addition to spending time discussing the pros and cons of various procedures, our physicians encourage patients to become as knowledgeable as possible about their condition. In the area of prostate cancer, deciding between different surgical approaches, radiation techniques, or expectant management (otherwise known as watchful waiting) presents men and their loved ones with a difficult decision. The Prostate Interactive Education System (PIES), available exclusively at Mount Sinai, takes men through a virtual health center featuring physician interviews describing various treatment options, a library of materials about prostate cancer, and support group videos. Behavioral research with PIES is creating a valuable body of knowledge about treatment decision making and the issues that motivate patients to choose one type of treatment over another.



MEN'S HEALTH PROGRAM

The Men's Health Program is an innovative multidisciplinary approach to men's health that views the male patient as a whole and recognizes the direct relationship between urological health and other conditions, such as cardiovascular disease, diabetes, osteoporosis and depression. For example, erectile dysfunction can be a symptom of an underlying heart condition. Many patients who suffer heart attacks report they began experiencing erectile dysfunction about three years prior to the onset of chest pain. Patients with low testosterone find themselves at high risk for developing diabetes, heart disease and brittle bones. Our providers are board-certified in urology, fertility medicine, internal medicine, nutrition-support, endocrinology, diabetes and bone diseases. We provide care for men with low testosterone, erectile dysfunction, infertility, osteoporosis, hypogonadism, metabolic syndrome, and many other urologic and metabolic conditions.



THE MOUNT SINAI MEDICAL CENTER

The Mount Sinai Medical Center includes The Mount Sinai Hospital, one of the nation's oldest and most-respected tertiary-care facilities, and Mount Sinai School of Medicine, internationally recognized for ground-breaking research and innovative approaches to medical education. Mount Sinai physicians are highly regarded as leaders in their fields. In addition to expertise and skill, Mount Sinai physicians have access to advanced diagnostic and therapeutic treatments, many of which were developed at Mount Sinai.

Mount Sinai's Faculty Practice Associates is an affiliated group of more than 700 physicians associated with the Mount Sinai School of Medicine, who are committed to providing their patients tomorrow's medicine today within a sensitive and caring environment. These physicians advance the art and science of medicine by training the next generation of doctors and scientists and by leading scientific investigations. Faculty Practice Associates physicians are consistently recognized by their peers and consumers in regional and national surveys as among the best in New York and the country.



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