The Support of Intelligent Technology

Our extensive surgical expertise is supported by the most sophisticated robotic surgical device in use today—the da Vinci® Si Surgical System. The da Vinci Si offers powerful 10x magnification and a high-definition 3D view, giving surgeons an extraordinarily detailed look at the operating site. The 520-degree wrist-like instrumentation, scaling of motion and ability to use four arms increases the surgeon’s dexterity and operational control. These features provide our surgeons with increased ability to operate with pinpoint precision, avoiding tiny blood vessels, nerves, and other structures to minimize trauma and improve patient outcomes.

NYU Langone currently has four da Vinci Si robots, all equipped with dual consoles and near-infrared fluorescence imaging capabilities, the most of any hospital in the region. Each robotic system is housed in its own dedicated operating suite and built with the latest features, including drop-in technology such as Doppler and ultrasound, allowing our surgeons maximum physician guidance.
Dear Colleague:

Welcome to the Robotic Surgery Center at NYU Langone.

Our surgical team consists of leaders in cardiac, gynecologic, urologic and thoracic surgery, as well as experts in gastroenterologic, gynecologic and urologic oncology. Our team is renowned in minimally invasive surgery and applying robotic techniques. Their unmatched skill and years of experience, coupled with the most advanced intelligent robotic technology available, distinguish our program as the resource for physicians who wish to refer patients for specialized procedures.

Our team is pushing the boundaries of what is now considered to be traditional robotic surgery by introducing new technology and developing new techniques to improve surgical outcomes. This spirit of innovation drives us to continuously expand the minimally invasive surgical options available for all patients.

Consider us a resource for your most complex—or routine—cases. We look forward to partnering with you and your patients in the future.

Sincerely,

Michael D. Stifelman, MD
Director, Robotic Surgery Center

NYU Langone — A Worldwide Leader

With more than 1,200 procedures performed each year, the Robotic Surgery Center is one of the most experienced and multi-specialty programs of its type. NYU Langone Medical Center is one of the premier centers for excellence in cardiac care. Cardiovascular research and medical education.

By expanding minimally invasive surgery options for conditions that were once thought untreatable solely with open surgery, we are extending the surgical eligibility for patients. Patients treated at NYU Langone can expect excellence and a world-class level of care at every stage of their experience.

NYU Langone Medical Center is listed on the Honor Roll and named one of the best hospitals in the U.S. by U.S. News & World Report’s “Best Hospitals 2015-2016.” Additionally, NYU Langone ranked #14 in the nation in cardiology and heart surgery and #20 in the nation in urology, and ranked one of the best hospitals in New York for gynecology.

A World-Renowned Team

Among the first to adopt robotic technology as it emerged in the field of minimally invasive surgery, our surgeons have led the development of cutting-edge robotic procedures, including:

• the introduction of robot-assisted nephron-sparing surgery, robot-assisted complex urinary reconstruction, and the development of near-infrared interoperative imaging for selective clamping to preserve maximum kidney function, by Michael D. Stifelman, MD
• the first robot-assisted coronary artery bypass in 1998 and the pioneering use of robotic techniques for mitral valve repair, by Didier F. Loulmet, MD
• the integration of nerve- and fertility-sparing surgeries, a full range of procedures for lung cancers requiring resection, as well as the treatment of gastrointestinal malformations, by Darrick K. Loumet, MD

Today, the Robotic Surgery Center includes more than 20 NYU Langone surgeons across five specialties who are masters in robotic surgery and are committed to optimizing outcomes. The center is supported by a dedicated team of anesthesiologists, nurses and technicians devoted exclusively to robotic surgery.

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Extending Our Reach

As academic leaders of robotic surgery, we are further impacting the field by educating residents, fellows and other surgeons from academic medical centers and community hospitals around the globe. We provide a dynamic teaching process through our high-definition operating theater that allows real-time surgical observation and learning via interactive HD video simulcasts. We offer more courses than any other institution in New York, and monthly live case transmissions are evidence of our commitment to sharing our experience and furthering robotic techniques worldwide.