

DR. ABHAY KUMAR

Consultant - Urology

Qualification

MBBS | MS | DNB (Urology) | SR (Uro-Oncology, TMH- Mumbai)

Overview

Dr. Abhay Kumar is a distinguished senior consultant with over 15 years of experience in the fields of urology, uro-oncology, and robotic surgery. With a stellar track record of performing numerous successful surgeries, he has earned widespread recognition as one of the leading experts in his field. His expertise lies in offering cutting-edge treatments and pioneering innovative surgical procedures, ensuring the best possible outcomes for his patients. Dr. Kumar holds a Master of Surgery (MS) in General Surgery and a Diplomate of National Board (DNB) in Genito-Urinary Surgery. His educational journey was further enriched with training in kidney transplantation and uro-oncology, which he undertook at some of India's most renowned medical institutions. He completed his DNB in Genito-Urinary Surgery at the esteemed Jaslok Hospital & Research Centre in Mumbai, a center renowned for its excellence in medical care and surgical expertise. He also received advanced training in uro-oncology at the Tata Memorial Hospital, Mumbai, one of the foremost cancer research and treatment centers in Asia. These experiences shaped his deep knowledge and comprehensive understanding of both urological surgery and cancer

treatment, enabling him to offer the highest standards of care to his patients. Dr. Abhay Kumar is particularly well-known for his pioneering contributions to the field of Neo-bladder surgery (artificial bladder). This highly specialized procedure is typically used to treat bladder cancer and requires considerable expertise in urological surgery. Dr. Kumar is the first surgeon in Eastern India to establish Neo-bladder surgery as a treatment option for bladder cancer patients, significantly improving their quality of life. This advanced procedure involves constructing a new bladder from a section of the patient's intestine after the original bladder is removed, offering a life-changing solution for patients who would otherwise face lifelong dependence on external urinary devices. The expertise required for Neo-bladder surgery involves precision and an intimate understanding of both urological and gastrointestinal surgery. Dr. Kumar's skills in this area have transformed the lives of many patients who were previously faced with limited options, making him one of the foremost authorities in this specialty. Another key aspect of Dr. Kumar's career is his expertise in robotic surgery, which has revolutionized the way urological and oncological surgeries are performed. Robotic surgery allows for advanced, minimally invasive techniques that reduce patient recovery times and minimize surgical risks. Dr. Kumar has played a crucial role in introducing robotic surgery in Eastern India, making it accessible to a broader group of patients. Robotic surgery involves the use of robotic arms, controlled by a surgeon via a console, to perform delicate and intricate surgeries with enhanced precision. These techniques are especially advantageous in complex urological procedures, where precision is crucial. With robotic surgery, Dr. Kumar has achieved excellent outcomes in surgeries that involve difficult-to-reach areas, such as the bladder, kidneys, and prostate, all while offering patients faster recovery times and smaller incisions. Dr. Kumar’s areas of expertise span a wide range of urological conditions and treatments, including both benign and malignant conditions. His skills extend to the treatment of: Bladder Cancer Treatment: Dr. Kumar is an expert in the

surgical management of bladder cancer, focusing on early detection and comprehensive treatment options. He employs a combination of traditional surgery, robotic surgery, and advanced therapies to provide optimal care for bladder cancer patients. Surgical Oncology: As a surgical oncologist, Dr. Kumar specializes in the treatment of cancers within the urological system. He uses minimally invasive techniques to remove tumors and manage cancers of the prostate, kidneys, and bladder, all while ensuring the preservation of organ function wherever possible. Hematuria (Blood in Urine): Blood in the urine can be an indication of underlying urological conditions such as infections, stones, or cancers. Dr. Kumar's expertise allows him to accurately diagnose and treat hematuria, ensuring patients receive timely intervention for any serious conditions. Enlarged Prostate (BEP): Benign enlargement of the prostate (BEP) is a common issue in older men. Dr. Kumar provides comprehensive treatment options, including medication and minimally invasive surgical techniques, to manage symptoms and improve the quality of life for these patients. Laser Surgery for Prostate: In cases of benign prostatic hyperplasia (BPH), Dr. Kumar employs advanced laser surgery techniques that offer patients a quick recovery and reduced risk of complications compared to traditional methods. Kidney Surgery: Dr. Kumar is an expert in various kidney-related procedures, including the removal of cysts and tumors. His expertise extends to partial nephrectomy, a technique that preserves kidney function while removing tumors, providing patients with a better long-term quality of life. Partial Nephrectomy: This advanced surgical technique allows Dr. Kumar to remove tumors from the kidney while sparing as much healthy tissue as possible. It is particularly beneficial for patients with kidney cancer who wish to preserve kidney function. All Types of Urological Problems and Malignancies: Dr. Kumar treats a wide range of urological problems, from infections and stones to complex cancers and reconstructive surgeries. His holistic approach to urological health ensures that patients receive comprehensive care tailored to their individual needs.

Dr. Abhay Kumar currently serves as a Senior Consultant and Head of the Department of Urology, Surgical Oncology, and Robotic Surgery at Medica Superspecialty Hospital in Kolkata. Throughout his 15 years of experience, he has performed countless successful surgeries and treated patients with a diverse range of urological and oncological conditions. His leadership at Medica Superspecialty Hospital has helped establish the institution as a center of excellence in robotic surgery and advanced urological care. Dr. Kumar is not only a skilled surgeon but also a compassionate healthcare provider. He is deeply committed to ensuring that his patients receive the highest standard of care, utilizing the latest medical technologies and techniques. Dr. Kumar understands the anxiety and challenges that patients face when dealing with complex urological and cancer-related conditions, and he prioritizes clear communication and emotional support to guide them through their treatment journey. In addition to his clinical work, Dr. Kumar is dedicated to continuous learning and research. He actively participates in medical conferences, workshops, and seminars to stay abreast of the latest advancements in his field. This commitment to professional development ensures that he remains at the forefront of medical innovations, offering his patients access to the most advanced treatments available. Dr. Abhay Kumar holds several prestigious memberships in leading medical organizations, including: Lifetime Member of the Indian Urological Society: A recognition of his expertise and commitment to advancing the field of urology in India. Lifetime Member of the Indian Association of Surgeons: Reflecting his standing within the broader surgical community. Member of the Robotic Urology Forum: A forum that connects specialists in robotic urology, enabling them to share knowledge and advancements in the field. Dr. Abhay Kumar is a distinguished urologist and surgical oncologist who has made significant contributions to the fields of urology, uro-oncology, and robotic surgery. His pioneering work in Neo-bladder surgery and robotic techniques has transformed the landscape of urological treatment in Eastern India. With over 15 years of experience, Dr.

Kumar remains committed to providing the highest standard of care to his patients, ensuring they receive the most innovative and effective treatments available. His compassion, expertise, and dedication to advancing medical science make him one of the leading figures in his field.

Fellowship & Membership

- Lifetime Member of the Indian Urological Society
- Lifetime Member of the Indian Association of Surgeons
- Member of the Robotic Urology Forum

Field of Expertise

- Bladder Cancer Treatment: Comprehensive care using open, laparoscopic, and robotic techniques.
- Uro-Oncology: Specialized in cancers of the urinary system (kidney, prostate, bladder).
- Neo-Bladder Surgery: First in Eastern India to perform this complex reconstructive surgery.
- Robotic Surgery: Expert in performing advanced robotic procedures for urological malignancies.
- Hematuria Management: Accurate diagnosis and treatment of blood in urine caused by stones, infections, or cancer.
- Benign Prostatic Hyperplasia (BEP): Offers medical therapy and minimally invasive options.
- Laser Prostate Surgery: Advanced, efficient, and low-risk surgical solutions for prostate enlargement.
- Kidney Surgery & Partial Nephrectomy: Tumour and cyst removal with emphasis on organ preservation.
- Comprehensive Urological Care: Manages a wide range of urological problems, including complex malignancies and

reconstructive needs.

Languages Spoken

- Oriya
- Bengali
- Hindi
- English
- Marathi

Awards & Achievements

- One of the Intuitive certified proctors for Robotic Surgery in Urology.
- Largest volume centre for Bladder Cancer and Neobladder surgeries.
- Started Bladder Cancer Support Group from last 3 years.
- Invited Speaker at many National/International conferences

Talks & Publications

- Bakshi G, Tongaonkar H, Addla S, Menon S, Pradhan A, Kumar A, et al. Expert survey on the management of prostate cancer in India: Real-world insights into practice patterns. Indian Journal of Cancer [Internet]. 2022 Mar.
- Rajesh Ahlawat, Khera R, Gautam G, Kumar A. Robot-Assisted Simultaneous Bilateral Radical Inguinal Lymphadenectomy Along with Robotic Bilateral Pelvic Lymphadenectomy: A Feasibility Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. 2016 May
- Rajiv Y, Kumar A, Poonam Y. Bilateral simultaneous robot-

assisted pyelolithotomy for large (>6 cm) kidney stones: technique and review of literature. Journal of Robotic Surgery. 2015 Jul