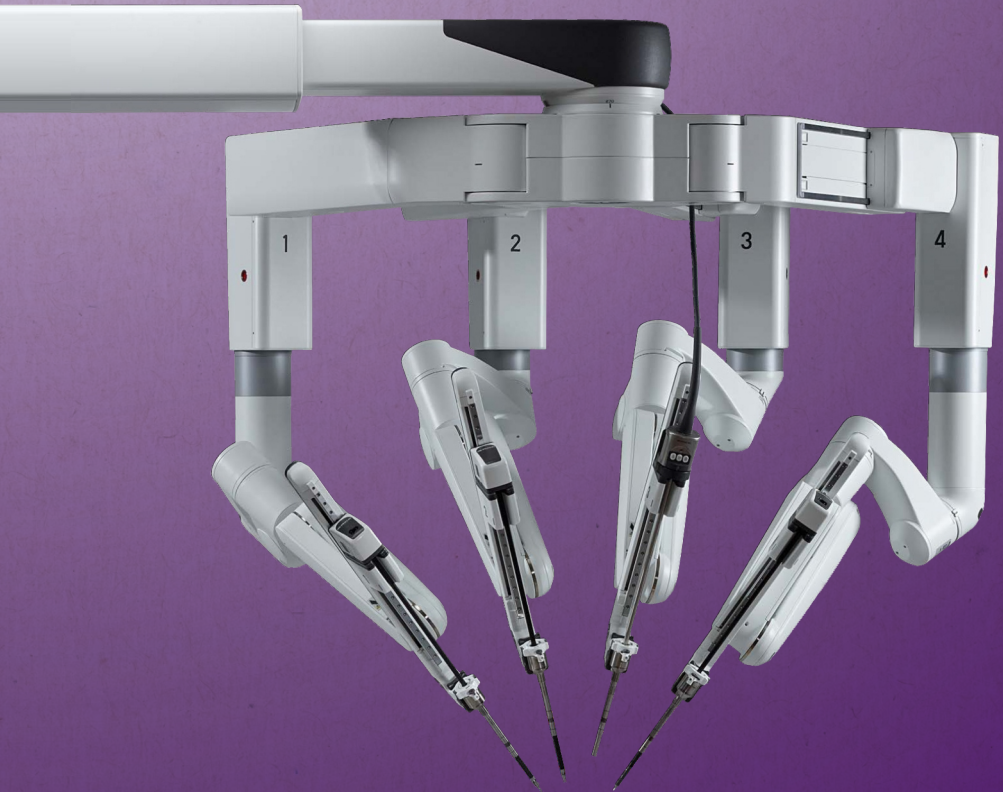


# THE ROBOTIC EDGE

*Pushing the  
boundaries of  
precision and care*

*Enhanced  
oncological &  
functional outcomes*



Showcasing unique and complex  
robotic surgeries from our expert surgeons \_\_\_\_\_

# FORTIS INSTITUTE OF ROBOTIC SURGERY

## Why Robotics at Fortis?

- Fortis Hospital, Bannerghatta Road is a leader in medical innovation with its Centre of Excellence in Robotic Surgery, redefining precision, patient care, and surgical outcomes.
- It is one of the very few hospitals in the country to house five advanced surgical robots (two Da Vinci Xi systems, Mako, Velys, and Cuviss) and only center in South India to have two Da Vinci Xi systems under one roof.

## CENTRES OF EXCELLENCE IN ROBOTIC SURGERIES



Urology, Uro-Oncology & Kidney Transplant



Orthopaedics



Surgical Oncology



Minimal Access Surgery



Gynaecology & Uro-Gynaecology



Cardiac Surgery

## Advanced Technology:

- Utilizes Da Vinci Xi for enhanced surgical precision in Specialities such as Urology, Oncology, Cardiac Surgery, Gynaecology, Minimal Access Surgery.
- Incorporates MAKO, VELYS, and CUVIS for robot-assisted orthopaedic procedures.

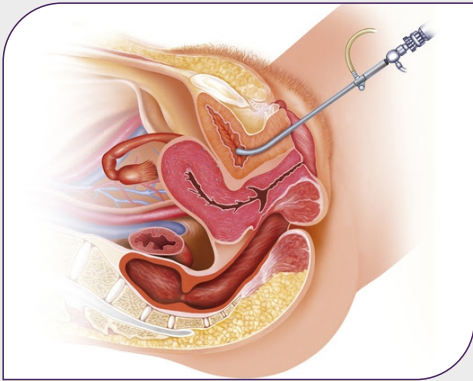
## Expert Surgical Team & State-of-the-Art Infrastructure:

- Highly experienced surgeons specializing in robotic-assisted techniques.
- Surgeries performed in advanced operating theatres equipped with cutting-edge technology to enhance recovery & minimise infection.

## BENEFITS OF ROBOTIC SURGERY

- Reduced pain and discomfort
- Lesser blood loss
- Lower risk of infections
- Shorter length of hospital stay
- Faster recovery and return to normal lifestyle
- Improved oncological & functional outcomes

## CLINICAL CASES



A 53-year-old woman presented with urinary frequency, urgency, and leakage. CT imaging showed a bladder lesion, and TURBT confirmed high-grade muscle-invasive urothelial carcinoma. She underwent robotic radical cystectomy with orthotopic ileal neobladder reconstruction. The minimally invasive approach enabled precise surgery and smooth recovery, demonstrating that neobladder reconstruction in women is safe and effective with proper selection and expertise.

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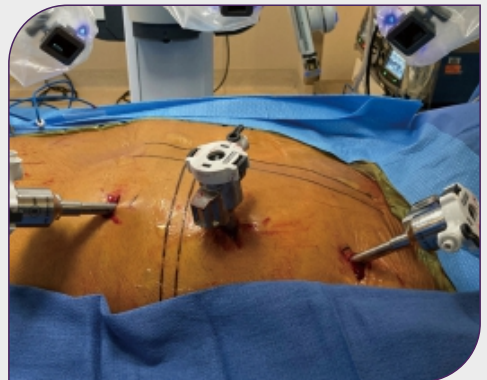


### Dr. Karthik Rao

**Additional Director** - Urology, Uro-Oncology, Uro-Gynaecology, Andrology, Kidney Transplant & Robotic Surgery  
Fortis Hospital, Bannerghatta Road

A 56-year-old US-based NRI with critical coronary artery blockage underwent a robot-assisted minimally invasive coronary artery bypass (MIDCAB) using LIMA. The procedure restored blood flow through small keyhole incisions, avoiding open-heart surgery. He recovered well and was discharged in stable condition within five days.

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### Dr. Sudarshan G T

**Director and Clinical Lead** - MICS and Robotic Cardiac Surgery  
Fortis Hospital, Bannerghatta Road





Dr. Mohit Sharma, Senior Surgical Gastroenterologist from Amritsar, completed the week-long “Robotic Surgery – Basic Proficiency” certification at the Robotic Centre of Excellence, Fortis Hospital, Bannerghatta Road, Bengaluru. The training included extensive live surgical observation and hands-on simulator practice on the Da Vinci Xi system, strengthening his skills in advanced minimally invasive robotic surgery.

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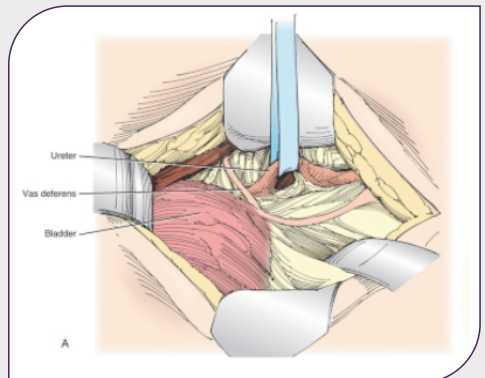


### Dr. Manish Joshi

**Director & Chief** - Surgical Gastroenterologist, Bariatric & Robotic Surgeon  
Fortis Hospital, Bannerghatta Road

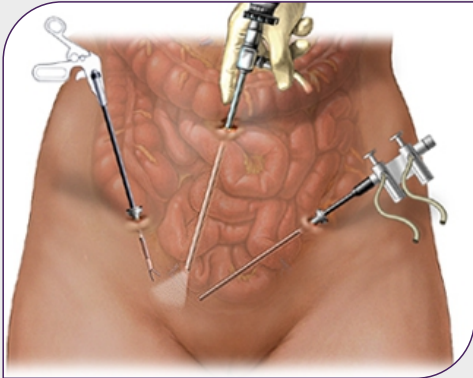
A 43-year-old woman developed continuous urinary leakage per vagina following total laparoscopic hysterectomy for a cervical fibroid. CT IVU showed contrast leak near the left ureterovesical junction extending to the vaginal stump, confirming a ureterovaginal fistula. Early diagnosis enabled timely referral and highlights the need for high clinical suspicion and multidisciplinary care.

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### Dr. Nagendra Tripathy

**Consultant** - Urology, Uro-Oncology, Andrology, Kidney Transplant & Robotic Surgery  
Fortis Hospital, Bannerghatta Road



A 33-year-old police officer with severe urinary symptoms was diagnosed with a 9 cm cervical fibroid compressing the bladder. A robotic myomectomy was performed successfully, allowing precise removal with minimal blood loss. She was discharged the next day and returned to duty with complete symptom relief.

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### Dr. Rubina Shanawaz

**Additional Director** - Urogynaecology, Gynaec Oncology,  
Laparoscopic & Robotic Gynaecology  
Fortis Hospital, Bannerghatta Road

A 46-year-old man with severe abdominal pain and weight loss was diagnosed with an ileocecal stricture due to tuberculosis. As symptoms persisted despite treatment, he underwent a totally robotic right hemicolectomy with intracorporeal anastomosis. The minimally invasive procedure enabled faster recovery, and he was discharged on postoperative day three.

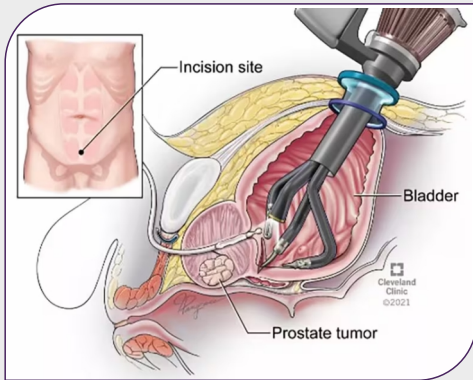
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### Dr. Saurabh Misra

**Director** - Minimal Access,  
Bariatric and Robotic Surgery  
Fortis Hospital, Bannerghatta Road





Robotic oncologic surgery can be safely performed in selected high-risk cardiac patients with careful planning. A 56-year-old underwent combined robotic coronary bypass and prostatectomy, while an 83-year-old with severe cardiac dysfunction (EF 25%) also successfully had robotic prostatectomy. These cases highlight its safety and faster recovery.

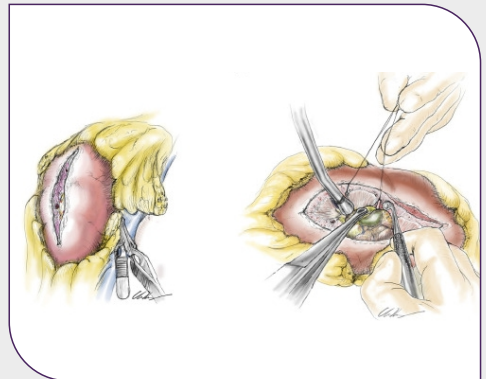
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### Dr. Karthik Rao

**Additional Director** - Urology, Uro-Oncology, Uro-Gynaecology, Andrology, Kidney Transplant & Robotic Surgery  
Fortis Hospital, Bannerghatta Road

A patient with a completely endophytic renal tumor underwent robotic partial nephrectomy at Fortis Hospitals, Bengaluru. Using advanced 3D visualization and robotic ultrasound, the surgical team precisely removed the tumor while preserving healthy kidney tissue. The procedure achieved complete removal with minimal blood loss and preserved kidney function.

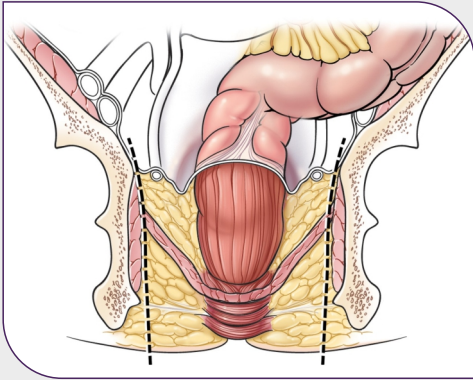


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### Dr. Basavaraj Neelagar

**Additional Director** - Urology, Uro-Oncology, Uro-Gynaecology, Andrology, Kidney Transplant & Robotic Surgery  
Fortis Hospital, Bannerghatta Road





Rectal cancer is a common malignancy affecting both older and younger individuals. Early detection and advances in radiation, medical oncology, and robotic surgery have improved outcomes. In a case of locally advanced rectal cancer involving the prostate, robotic surgery enabled removal of the rectum and part of the prostate while preserving the urinary bladder, reducing surgical morbidity.

[Read More](#)

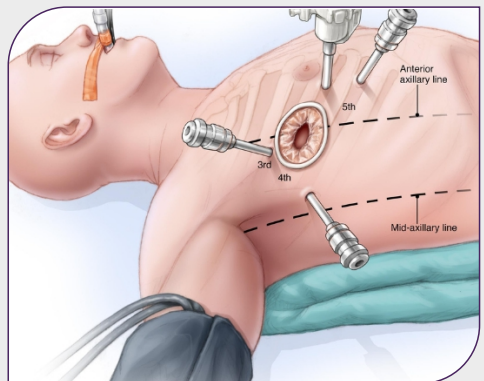


### Dr. Sarat Chandra

**Additional Director** - Surgical Oncology  
Fortis Hospital, Bannerghatta Road

A patient with full-thickness rectal prolapse and persistent bowel symptoms underwent robotic-assisted posterior rectopexy. The procedure allowed precise dissection and secure fixation of the rectum with minimal tissue trauma. The patient recovered well, was discharged on postoperative day two, and showed significant symptom improvement.

[Read More](#)



### Dr. Shashikiran B D

**Consultant** - Surgical Gastroenterologist,  
GI oncology, Bariatric & Robotic surgeon  
Fortis Hospital, Bannerghatta Road





FORTIS HOSPITAL, BANNERGHATTA ROAD  
THE DESTINATION FOR

**ROBOTIC SURGERIES**

5000

SUCCESSFUL  
ROBOTIC SURGERIES

**AND COUNTING...**

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