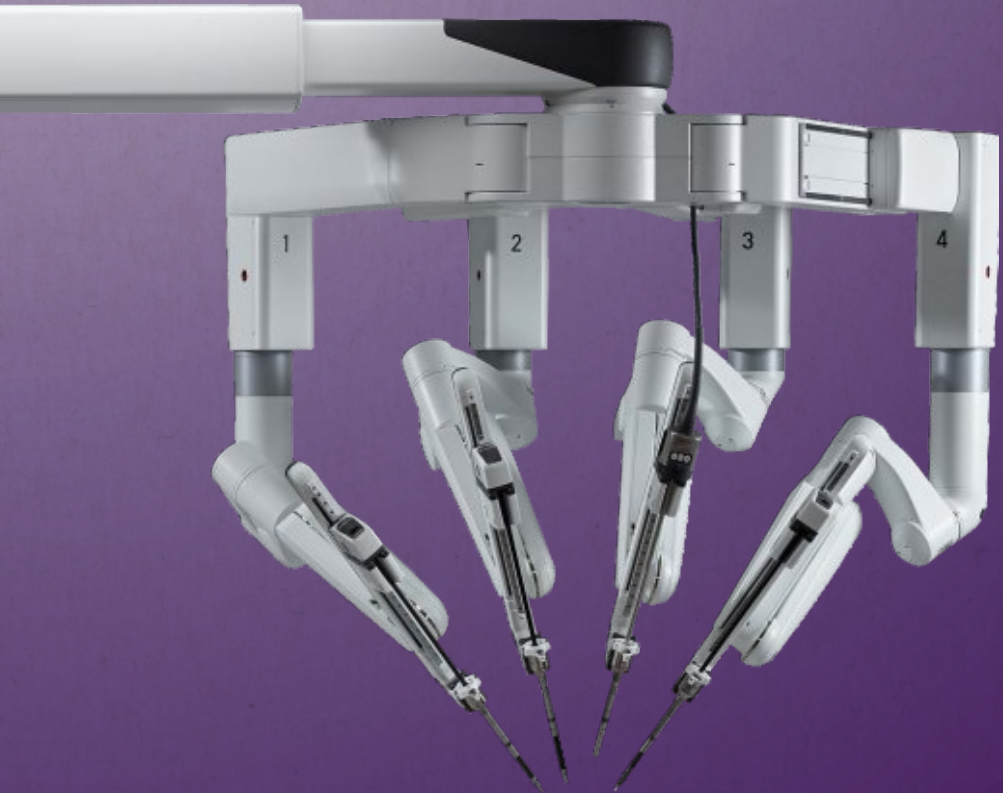


# THE ROBOTIC EDGE

*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



At Fortis Hospital, Bannerghatta Road, ERAS (Enhanced Recovery After Surgery) protocol was integrated with robotic urological surgery to optimize post-operative outcomes. Patients undergoing minimally invasive procedures experienced faster recovery, fewer complications, reduced hospital stays, and improved satisfaction. This evidence-based approach has now become a standard for high-risk urological surgeries, ensuring quicker, safer recoveries.

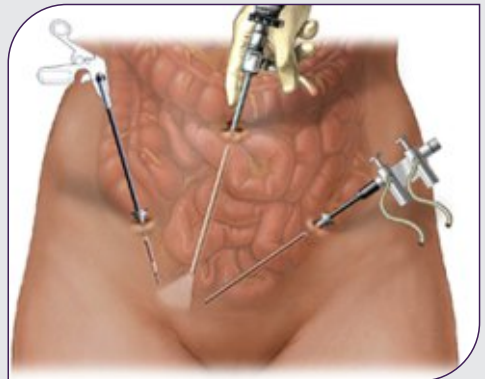
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### Dr. Shubha Charitha

**Consultant** - Anesthesiologist,  
Fortis Hospital, Bannerghatta Road

A 34-year-old woman with severe endometriosis underwent robotic endometriosis clearance, rectal adhesiolysis, butterfly peritonectomy, and ovarian cystectomy. The robotic approach ensured precise removal of diseased tissue with minimal trauma. She was discharged within 24 hours and is completely symptom-free at 3-month follow-up.

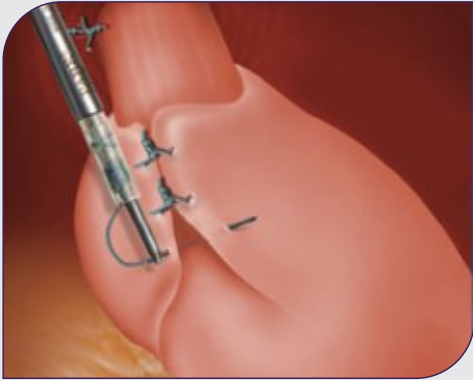


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### Dr. Rubina Shanawaz

**Senior Consultant** - Urogynaecology, Gynaec Oncology,  
Laparoscopic & Robotic Gynaecology,  
Fortis Hospital, Bannerghatta Road





Darshan, a young male from KGF, suffered from severe gastritis and acid reflux for over 4 years. With no relief from medications, he underwent laparoscopic fundoplication under Dr. Manish on January 11, 2022. Post-surgery, he experienced immediate relief and is now completely symptom-free and recovering well.

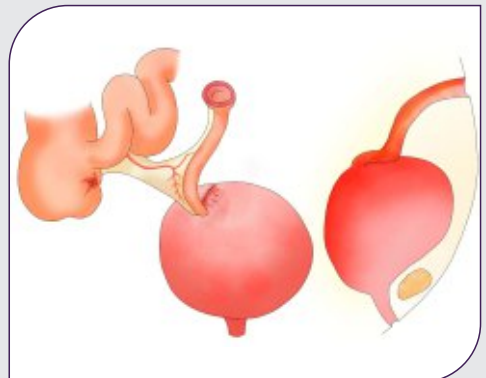
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### Dr. Manish Joshi

**Additional Director** - GI, Minimal Access & Bariatric Surgery,  
Fortis Hospital, Bannerghatta Road

A 4-year-old boy with posterior urethral valve, awaiting renal transplant, had difficulty emptying his bladder due to prior surgeries. He underwent a left nephrectomy with ureteric Mitrofanoff procedure to create a catheterisable stoma. This helped reduce infection risk, improved bladder drainage, and eased pre-transplant care. He is now stable and doing well.

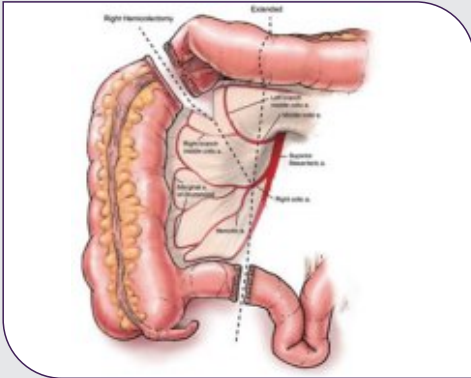


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### Dr. Karthik Rao

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





An 81-year-old woman presented with weakness, anemia, and loss of appetite. Evaluation revealed a right colon tumor, confirmed as colonic adenocarcinoma. She underwent robotic-assisted right hemicolectomy. Post-surgery, she recovered well without complications and resumed normal activities. No further treatment was needed due to early-stage disease and favorable tumor features.

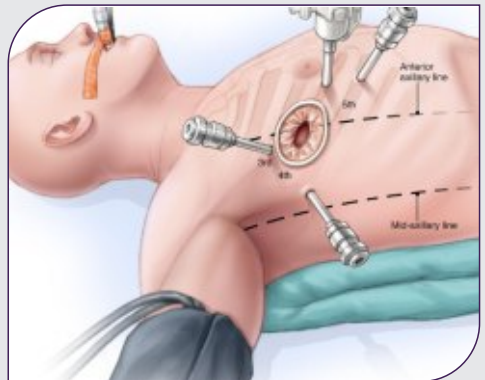
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### Dr. Sarat Chandra

**Senior Consultant** - Surgical Oncology,  
Fortis Hospital, Bannerghatta Road

A 54-year-old male with coronary artery disease underwent robotic-assisted coronary bypass surgery using the TECAB approach. The procedure enabled precise grafting with minimal invasion, leading to reduced pain, blood loss, and faster recovery. Post-surgery, the patient showed excellent improvement and was discharged within days. He is now recovering well without complications.

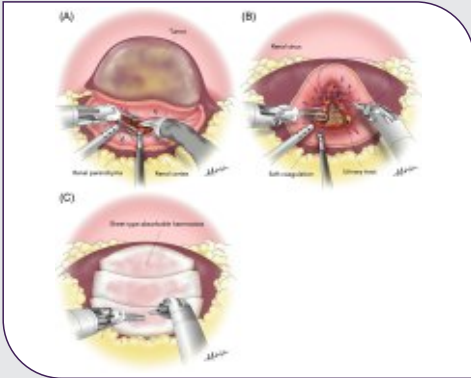


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### Dr. Sudarshan G T

**Senior Consultant** - Cardio Vascular & Thoracic Surgery  
Fortis Hospital, Bannerghatta Road





A 32-year-old male with no comorbidities was incidentally found to have bilateral renal masses on a CT scan. Further evaluation with Ga-68 FAPI PET CT revealed three lesions in the right kidney and one in the left, with no signs of metastasis.

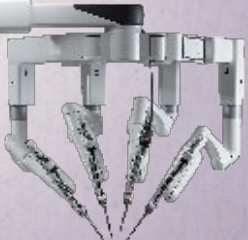
He underwent cystoscopy, bilateral retrograde pyelography, DJ stenting, and robot-assisted laparoscopic bilateral partial nephrectomy. The procedure was uneventful, and the patient recovered well, getting discharged three days post-surgery.

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### Dr. Basavaraj Neelagar

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



FORTIS HOSPITAL, BANNERGHATTA ROAD  
THE DESTINATION FOR

**ROBOTIC SURGERIES**

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1

SUCCESSFUL  
ROBOTIC SURGERIES

**AND COUNTING...**

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