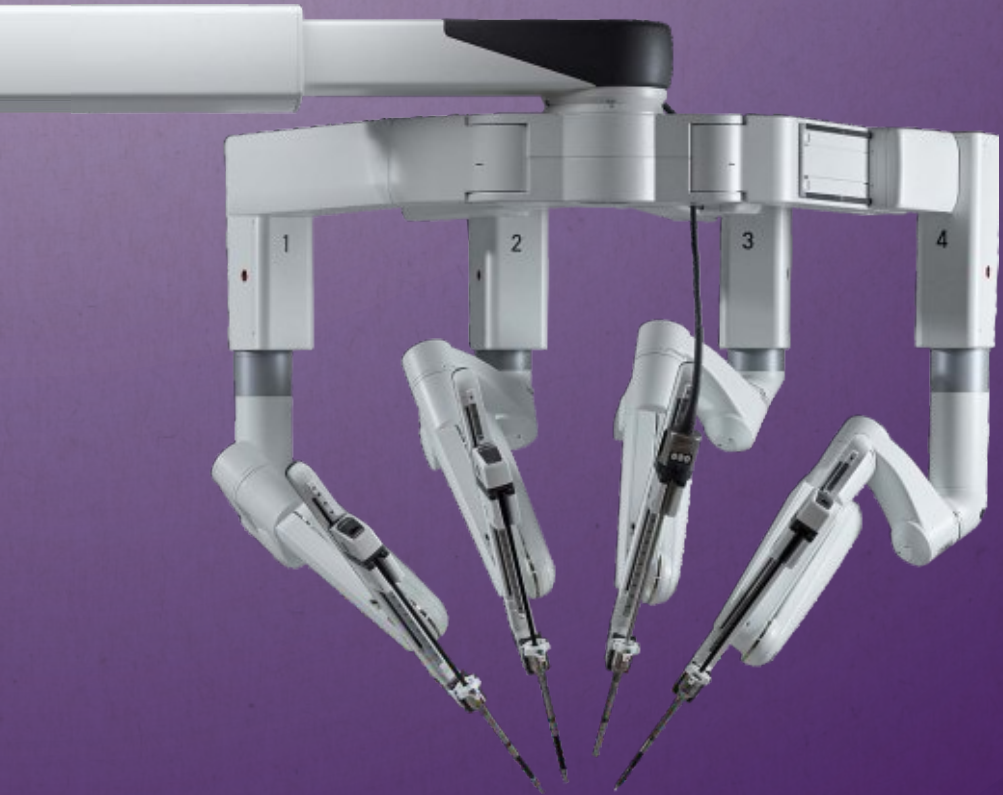


THE ROBOTIC EDGE

*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 160 kg adult with BMI 60 and severe obstructive sleep apnea on BiPAP since the COVID pandemic underwent robotic sleeve gastrectomy to address weight-related health issues. Using SureForm staplers with AI guidance, a precise, stable sleeve was created, confirmed leak-proof by methylene blue test. The minimally invasive procedure, with minimal anatomical modification, was safe and efficient. The patient recovered well and is now on the path to a healthier life.

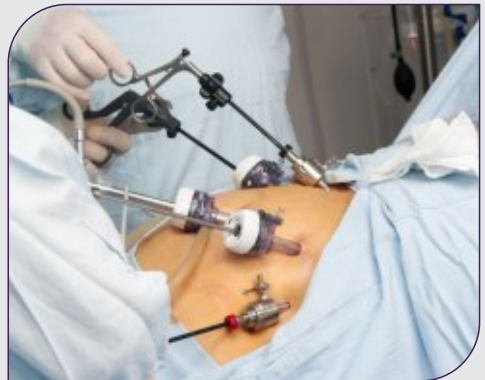
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Dr. Manish Joshi

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

A 42-year-old obese lady (130 kg), hypertensive and diabetic, suffered from heavy menstrual bleeding due to multiple fibroids, causing severe anemia and repeated transfusions. She also had two prior caesarean sections. Robotic surgery was performed with precision and minimal blood loss despite the complexity. Recovery was smooth with early bowel function, minimal pain, and short hospital stay. She was discharged quickly and is now doing well.

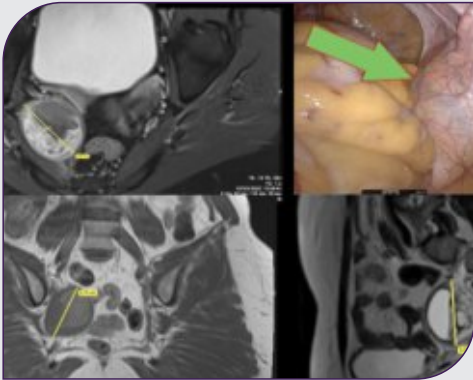


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Dr. Gayathri Dinesh Kamath

Additional Director - Obstetrics & Gynaecology
Fortis Hospital, Bannerghatta Road





A 77-year-old obese woman presented with right leg pain and limp. MRI done for radiculopathy incidentally showed a right adnexal mass, suspected malignancy. Intraoperatively, a retroperitoneal mass in the right obturator space was identified and excised using a robotic approach, enabling safe dissection near vital structures. Histopathology confirmed benign schwannoma. She recovered well, was discharged on day 1, and walked home without her preoperative limp.

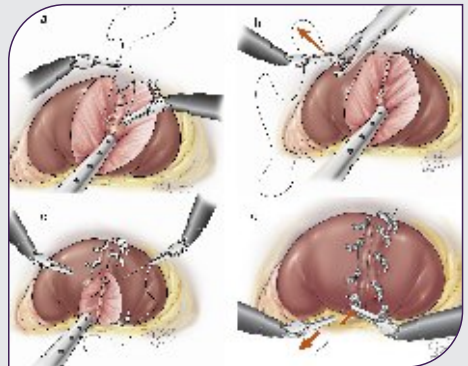
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Dr. Rubina Shanawaz

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

Mrs. Nandini Srinivasan, 45 years, with hypothyroidism and metastatic RCC (rhabdoid + sarcomatoid, IMDC intermediate risk), had received multiple treatments including pembrolizumab + lenvatinib, SBRT, and nivolumab (last dose 27/7/25). DTPA renogram showed preserved bilateral renal function; FDG PET revealed a right renal lesion (22×25×30 mm, SUV 3.4). She underwent cystoscopy with right DJ stenting followed by successful robot-assisted right partial/radical nephrectomy and was discharged in stable condition.

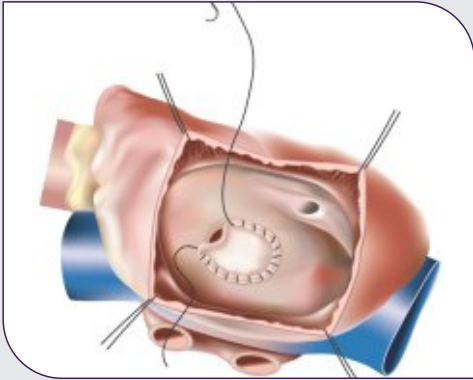


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Dr. Karthik Rao

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





Mrs. D Uma, a 34-year-old woman, was incidentally found to have a large 39 mm atrial septal defect (ASD) during pregnancy, with dilated right atrium/ventricle and mild tricuspid regurgitation. She underwent robotic ASD closure using a native pericardial patch on August 5, 2025. The procedure was uneventful, and postoperative echocardiogram showed intact patch and preserved LV function (LVEF 55–60%). She recovered well and was discharged in stable condition.

[Read More](#)



Dr. Sudarshan G T

Additional Director - Cardio Thoracic & Vascular Surgery
Fortis Hospital, Bannerghatta Road

Mrs. Bhanu, 52 years, with a history of complicated hysterectomy followed by failed uretero-ureterostomy and Boari flap uretero-cystostomy, presented with abdominal pain and tenderness. A prediabetic (HbA1c 6.4%) with no other comorbidities, she underwent a challenging robotic surgery after three prior laparotomies. Postoperative recovery was smooth—she was ambulated on day 1, started orally within 24 hrs, drain removed at 48 hrs, and discharged in stable condition.



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Consultant - OBGYN, Laparoscopic, Fertility & Robotic Surgeon
Fortis Hospital, Bannerghatta Road

Dr. Usha B R





FORTIS HOSPITAL, BANNERGHATTA ROAD
THE DESTINATION FOR

ROBOTIC SURGERIES

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SUCCESSFUL
ROBOTIC SURGERIES

AND COUNTING...

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