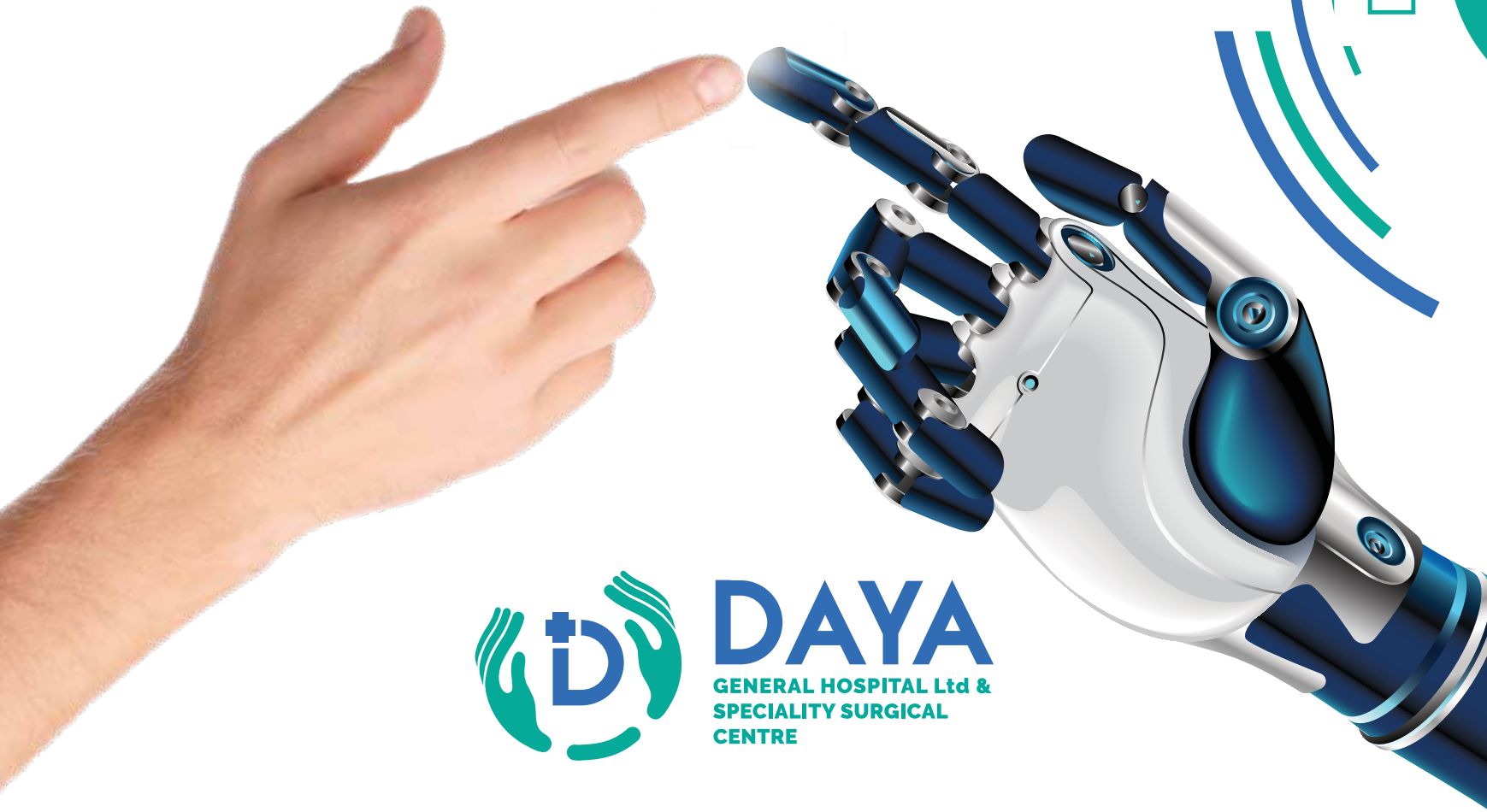


WHERE COMPASSION
MEETS INNOVATION



DAYA
GENERAL HOSPITAL Ltd &
SPECIALITY SURGICAL
CENTRE



The quintessence of care at Daya General Hospital, Thrissur is patient satisfaction, and the hospital ensures it with a blend of compassion and innovation. Combining excellent clinical expertise with leading-edge technology, cost-effective services and world-class facilities, the hospital promises an unmatched experience.

Daya has an efficiently planned infrastructure with 250 beds, 40 outpatient clinics, 14 operation theatres, 12 critical care beds, 18 bedded CVTS ICU, 15 bedded dialysis unit and comfortable in-patient rooms. The organization has 1000 employees, including 72 full-time doctors, with approximately 20,000 patients registering and performing more than 1500 surgeries every month. The wide range of services at the hospital includes General & Laparoscopic Surgery, Internal Medicine, Critical Care, Cardiology, Orthopaedics, Knee Replacement Surgery, Renal Transplantation, Gynaecologic Minimally Invasive Surgery, Cardiothoracic, Urology, Medical & Surgical Gastroenterology, Spine & Trauma Care Centre and Pain Management Clinics. Daya also offers a broader range of surgeries with the most advanced Robotic Surgical System.

Daya finds itself strategically located just an hour ride from Cochin International Airport and near to Thrissur Railway Station & KSRTC Bus Station. Situated in the heart of Thrissur, the hospital is well-connected to all parts of the town.

MAJOR MILESTONES

2001

A small 46 bedded hospital with limited specialities.

2007

Started operation in a new building with 200 beds.

2009

250 beds with 14 operation tables and 70 ICU beds; 85-90% occupancy rate in most months.

2016

Accredited with NABH certification for meeting all the quality standards advised by Quality Council of India.

2017

Recognized as first Centre for Quality Promotion by CAHO.

2018

Launched Medical and Gastroenterology Centre with tertiary care facility including two Operation Theatres and cutting-edge technologies.

2020

Appointed by Govt. of India to run Rajiv Gandhi Speciality Hospital, Agatti, Lakshadweep.

2020

As a need of the hour, a separate block was designed for COVID-19 patients named Mukundan Menon Memorial COVID Care Centre. The first COVID Centre to function under a PPP model and have treated more than 3500 COVID patients.

2022

- Launched Robotic Surgery System. First-of-its-kind in Thrissur.
- Partnered with Karkinos Healthcare, an oncology-focused healthcare platform to bridge cancer care gaps in Thrissur.
- Opened a new branch in Valappad, Daya Emergency Care Centre – a novel concept to the region aiming to bridge the medical facility and expertise gaps in the town.
- Daya Speciality Surgical & Laparoscopic Centre started at Palakkad – an economy centre providing quality treatment and care at an affordable cost.

GET EXPERT SURGICAL CARE

Although Daya General Hospital offers a comprehensive array of medical services, it is renowned as a pioneer in surgical services, performing 1500 surgeries a month. The hospital has also been recognized as the centre which conducts the maximum number of surgeries. Patients from different locations of Kerala often visit Daya, seeking medical support from the well-experienced and highly qualified surgeons at the hospital.

OUR SURGERY SERVICES:

- General and Laparoscopic Surgery
- Cardio Thoracic Vascular Surgery
- Vascular Surgery
- Dental and Maxillofacial Surgery
- Surgical Gastroenterology
- Neuro Surgery
- Orthopaedics and Joint Replacement Surgery
- Plastic, Aesthetic and Reconstructive Surgery
- Genito-urinary Surgery
- ENT, Head and Neck Surgery
- Surgical Oncology
- Renal Transplant
- Obstetrics and Gynaecology
- Robotic Surgery
- Ophthalmology





A PIONEER IN ROBOTIC SURGERY

Daya Hospital is the first hospital in Central Kerala to introduce an advanced Versius Robotic Surgical System. With the support of this system, the hospital offers robotic surgery in several specialities, including General & Laparoscopic Surgery, Gastroenterology, Gynaecology, Urology, and Oncology. Each procedure is performed by a highly experienced team of surgeons, nurses, and technicians who are professionally trained to use robotic surgical systems.

EVERYTHING TO KNOW ABOUT ROBOTIC SURGERY

Q. What is Robotic Surgery?

Many patients are skeptical about robotic surgery, assuming that it is a robot that does the decision-making during the surgery. But in reality, a robot is simply another tool for your surgeon. When a surgeon performs a procedure using a robotic system, the surgeon is in the same room as the patient. The surgeon uses a console to control the robot, and it gives him a three-dimensional view of the operating field. The robot only responds to the surgeon's precise hand and finger movements and will never malfunction because of the safety features.



Q. Should all surgeries be done robotically?

While the robot offers many advantages, it is critical that all patients are evaluated on an individual basis. Not all patients are candidates for robotic surgery. Every patient and surgeon must discuss the surgery goals, benefits, and hurdles before finalizing an approach.

Q. Are there any known side effects Post-Robotic Surgery?

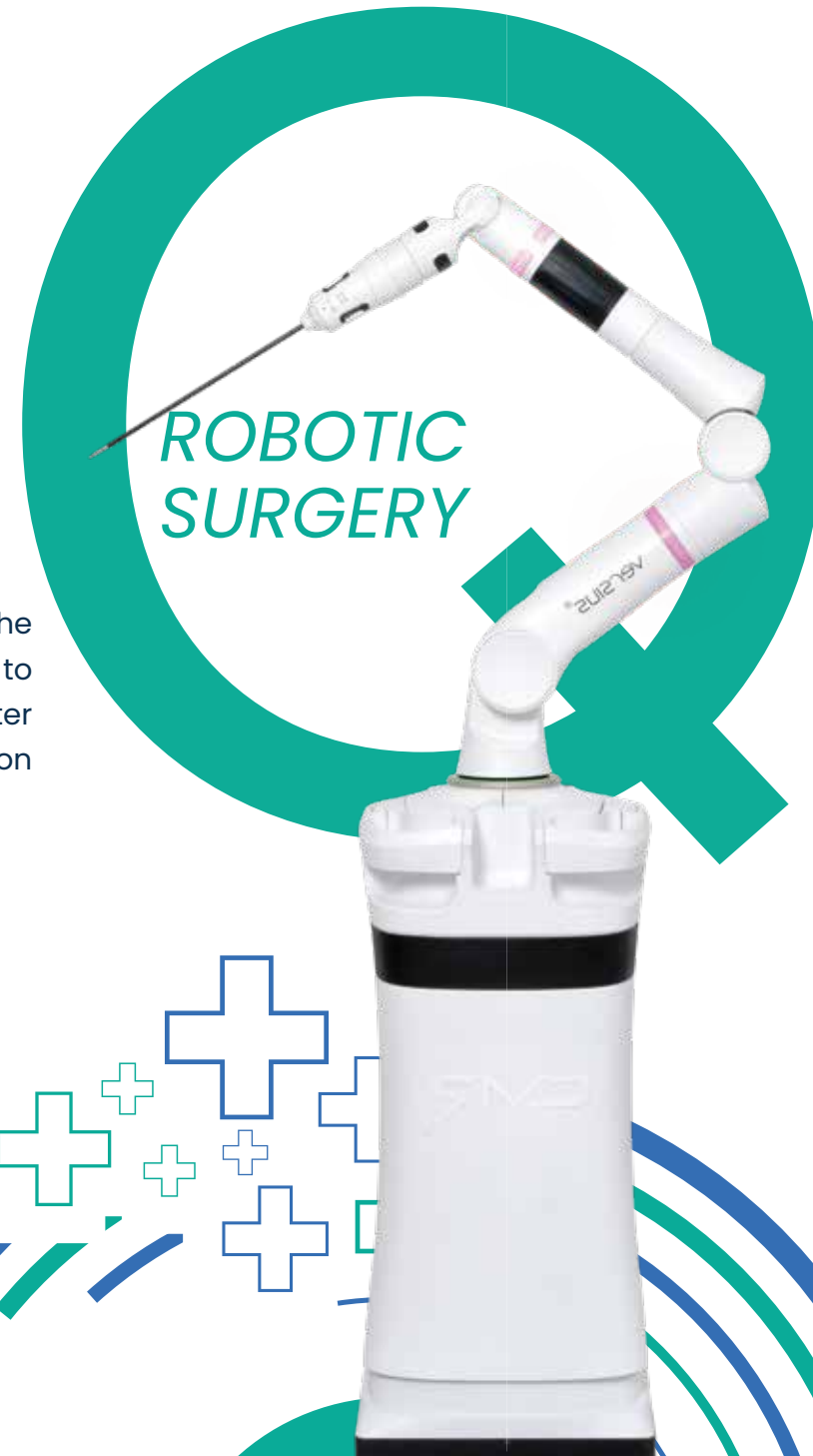
They do not have any side effects because it is similar to laparoscopic surgery. Robotic surgery is an apt solution for complex procedures, and it reduces the risk of infection and bleeding.

Q. Is Robotic Surgery safe?

More than 10,00,000 surgeries have been performed by surgeons over the years. The robot has advanced features where the prime focus is to ensure the safety of patient. It enables the surgeon to have a better high-definition image of the anatomy and will never malfunction because of the unique safety features.

Q. What are the major benefits of Robotic Surgery?

Robotic surgery offers countless benefits. From a surgeon's perspective, it allows him to operate in small or hard-to-reach areas that would be difficult or not possible to operate. The robot allows for more precise vision, instrument control, and dexterity, making it ideal for the procedures. The benefits for patients include reduced pain, faster recovery time, reduced blood loss, minimal scarring, and shorter hospitalization.



Q. Difference between Laparoscopic and Robotic Surgery?

Both surgeries are similar in terms of incision of the ports. What sets them apart is the ability of the surgeon to visualize and perform the surgery with better tools. Robotic Surgery also overcomes some of the shortcomings of conservative laparoscopic or endoscopic techniques, such as the assistant-dependent unstable video camera platform, two-dimensional view, restricted ergonomics of the surgeon, instruments with limited degrees of freedom, and the absence of wrist gear.

Q. Is it originally the robot that is doing the surgery?

No. The complete control of the surgery is given to the surgeon. The robot is a tool for the surgeon and only move according to the surgeon's hand movement. The surgeons manipulate the movement of the robotic hands.

Q. In which all specialities robotic surgery is commonly carried out?

The potential application areas of robotic surgery are growing constantly. At Daya we use robotics application in General & Laparoscopic Surgery, Gastroenterology, Gynaecology, Urology and Oncology with smaller scar and short hospital stay.

Advantages of Robotic Surgery

BENEFITS TO PATIENTS

- Shorter hospitalization
- Reduced pain and discomfort
- Faster recovery time and return to normal activities
- Smaller incisions, resulting in reduced risk of infection
- Reduced blood loss and transfusions
- Minimal scarring

BENEFITS TO THE SURGEON

- Greater visualization
- Enhanced dexterity
- Greater precision
- Better surgical outcomes



UROLOGY

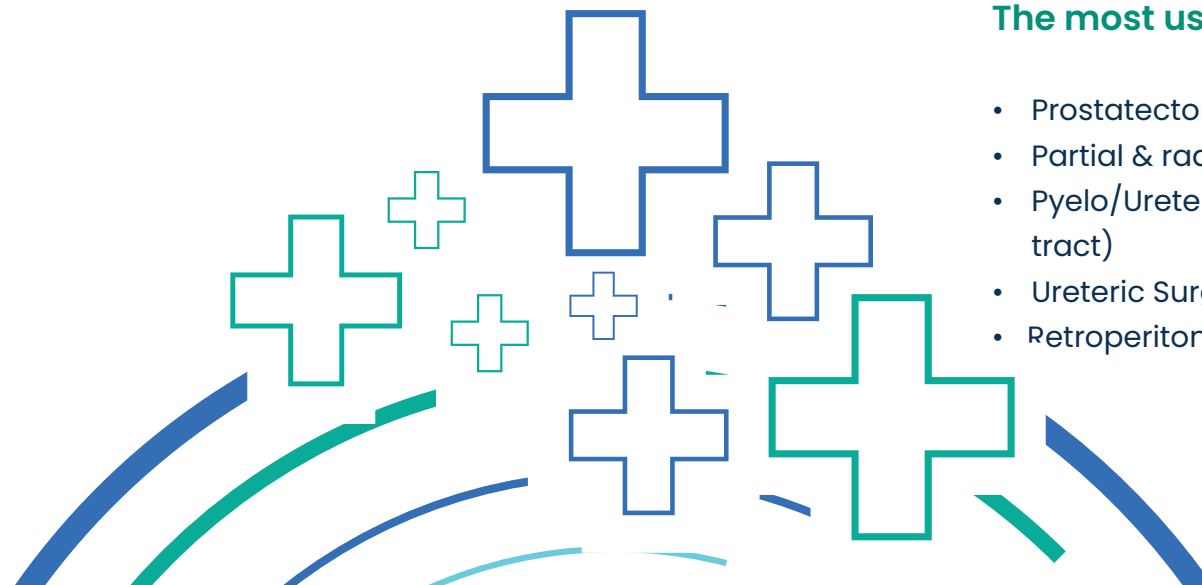
The advent of robotic surgical systems in the past years has led to urologists becoming the world leaders in the use of robotic technology. It is believed that robotic system was specially designed for Urology Department considering its vast range of application.

The magnified three-dimensional vision and articulated wrist movement have allowed for complex urological surgeries to be performed in a minimally invasive fashion without compromising oncological or functional outcomes. Smaller incision, earlier recovery, reduced blood loss, and lower complication rates are the advantages when compared to the open counterparts.

In Urology, robot assisted system is used to treat a variety of conditions such as bladder-kidney prostate cancer, other non-cancerous conditions of these organs.

The most used robotic procedures in Urology are:

- Prostatectomy (removal of prostate)
- Partial & radical nephrectomy (removal of part or all of the kidney)
- Pyelo/Ureteroplasty (removal and reconstruction of part of the urinary tract)
- Ureteric Surgeries
- Retroperitoneal lymph node dissection





ONCOLOGY

In cancer treatment, patients are benefitted by minimal scar, reduced blood loss, early recovery, minimum wound-related complications, reduced hospital stay and complete clearance.

Robotic application is used in cancer affecting prostate, bladder, kidney, rectum, endometrium, cervix, oesophagus, mediastinal tumour, small wedge excision, metastasectomy, and lobectomy of lungs. The advantage of robotic surgery is three-dimensional (3D) vision with magnification and stable operating field which aid the surgeon to visualize complex anatomical area and dissect carefully to minimize injury to critical structures to improve functional outcomes. Also enhanced dexterity and endo-wrist movement make dissection and lymphadenectomy better. Scaling of motion and improved ergonomics make prolonged procedures safe with improved accuracy. Because of these reasons, the patient will have better post-op recovery, improved functional outcomes without compromising the oncological principles.



General Surgery & Gastroenterology

In General Surgery and Gastroenterology specialities, the robotic applications are extensive and have contributed to the enrichment based on advantages such as increased surgeon control and autonomy, superior instrument dexterity and tissue handling, improved three-dimensional visualization enabling high levels of precision and wristed articulation when compared to conventional laparoscopic surgeries.

In the field of gastrointestinal cancer, robotic surgery is performed using a robot-assisted surgery system. It is widely used in Oesophageal Cancer, Gastric Cancer, Pancreatic Cancer and Rectal Cancer.

The most used robotic procedures in Gastroenterology are:

- Hernia Repair (Incision, Umbilical, Inguinal, Hiatal, Diaphragmatic)
- Colon and Rectal Resection (Left, Right, Sigmoid, Total, Rectum)
- Colectomy (removal of the large intestine usually due to cancer)
- Rectopexy (for rectal/pelvic organ prolapse)
- Gastrectomy (removal of all or part of the stomach usually due to cancer)
- Adrenalectomy
- Appendectomy
- Cholecystectomy
- Distal Pancreatectomy
- Gastrectomy
- Heller Myotomy
- Rectal Prolapse (Rectopexy)
- Lysis of Adhesions
- Nissen Fundoplication
- Pancreatectomy
- Small Bowel Resection
- Splenectomy



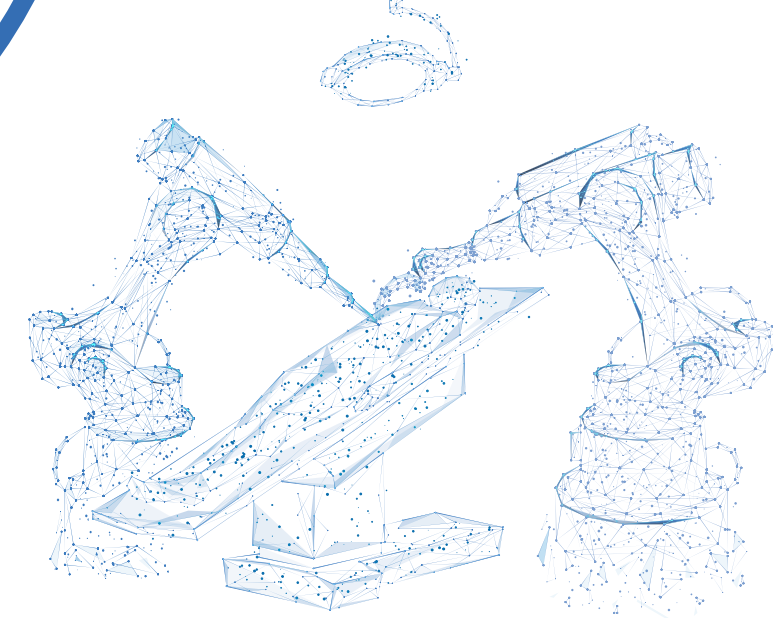


GYNAECOLOGY

Robotic platform allows a Gynaec surgeon to perform more complex cases precisely with better surgical outcome. The main challenge during gynaecological surgery is to preserve the reproductive organ and its function without compromising the quality of the surgery along with the concept of femininity. Precision is the indisputable quality of a robotic surgery. This will help us in achieving the desired result we are looking for in surgery.

Preservation of uterus and its function is easier with the help of the robot especially in gynaec surgeries like:

- Myomectomy (for fibroid uterus)
- Sacrohysteropexy (for uterine prolapsed)
- Ovarian cystectomy (for endometriotic and adnexal cyst)
- Recanalization and salpingoplasty (for reversal of tubal sterilization and tubal diseases)



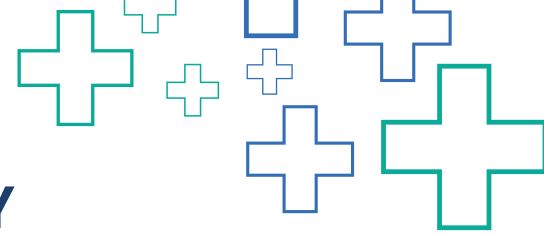
Conservative approaches on gynaec surgeries are much more effective with this technology.

It can even be helpful in preserving the ovary and uterus in patients during the early stages of malignancy. It is also widely used for:

- Hysterectomy for adenomyosis and uterine fibroid
- Hysterectomy with pelvic mesh repair for prolepted uterus
- Oophorectomy for adnexal masses
- Hysterectomy with oophorectomy and lymphadenectomy for gynaec malignancies

Using this advanced surgical technology we ensure complete clearance of gynaecological diseases with uterus safety.

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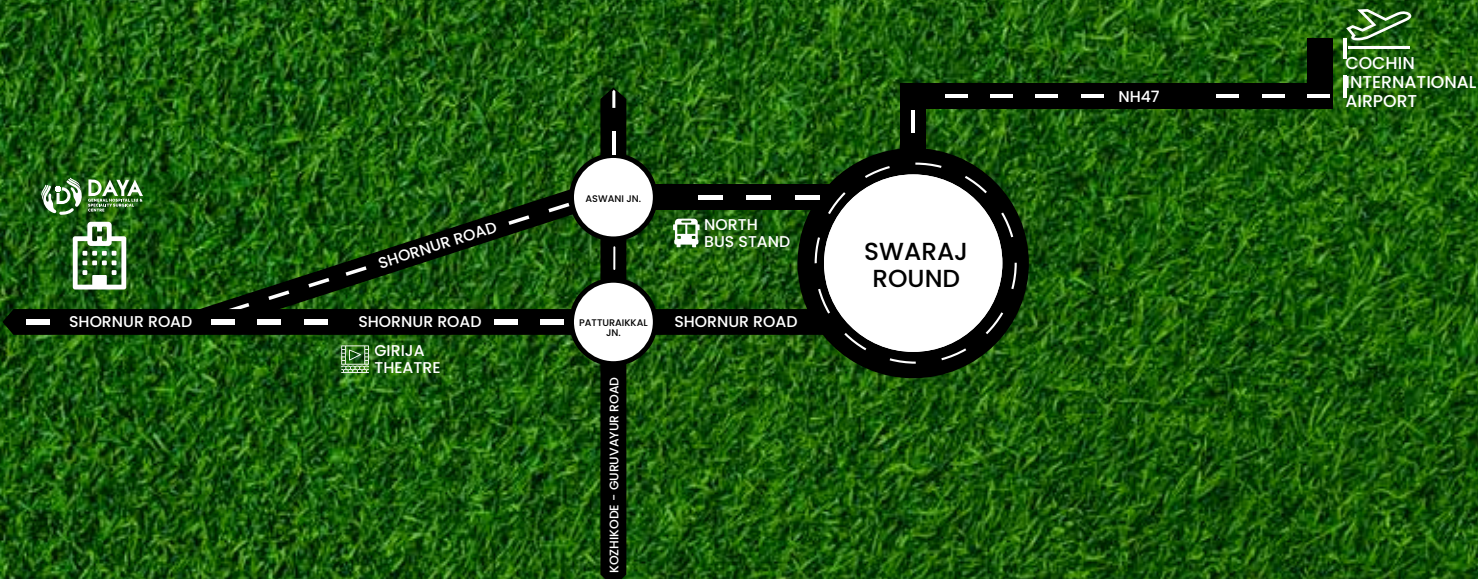


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