

Robotic Cancer Surgery in Pune

Nowadays there are many choices in surgical procedures. In spite of this, Robotic surgery is becoming very popular.

[Dr. Lalit Banswal](#), Expert Robotic Cancer Surgeon in Pune offers the latest in surgical procedures for oncology.

Contrary to the popular myth that robots perform your surgery, the surgeon controls robotic arms with extreme precision.

Robotic surgery is consist of many benefits like minimally invasive surgery because it authorizes making very small incisions, so risk factors and recovery times are often greatly reduced compared to traditional open surgery.

Dr. Lalit Banswal, Expert Robotic Cancer Surgeon in Pune has clarified all the doubts you may have & gives the basic information about Robotic Surgery.

Dr. Lalit Banswal is an expert in performing **Robotic Cancer Surgery in Pune** and works at Precision Plus Superspeciality hospital, Undri, Pune provides Best Robotic Cancer Treatments.

What is robotic surgery?

Robot-assisted surgery utilizes specialized technology that improves the capabilities of your surgeon's hands. It allows surgeons to perform operations in hard-to-reach areas through small incisions. **Dr. Lalit Banswal**, the **best Robotic Cancer Surgeon in Pune** uses specialized technology which helps in precise movements and enhances magnification.

The technology consists of:

- **Surgical arms:** Surgical arm is with tiny instruments with wrists at the tip.
- **A special camera:** A special camera enable the surgeon to get enhanced magnified 3D views of the surgical area.
- **Surgical console** where surgeons sit & perform all the procedures by controlling instrument and camera's every move.



Who performs robotic surgery?

A surgeon who completes training in robotic-assisted surgery performs robotic surgery. Some surgeons pursue formal training through minimally invasive and robotic surgery fellowships. **Dr. Lalit Banswal is an expert in robotic cancer surgery in Pune.**

What types of robotic-assisted surgery are available?

Robotic surgery is appropriate for many types of procedures. It's frequently used by urologists, gynecologic surgeons, general surgeons, cardiothoracic surgeons, and colorectal surgeons.

Types of robotic procedures currently available include:

Gastrointestinal surgery

- Colectomy.
- Proctectomy.
- Gastrectomy.
- Pancreatectomy.
- Gastric bypass.
- General surgery

General surgery

- Appendectomy.
- Gallbladder removal.
- Hernia repair.
- Gynecologic surgery

Gynecologic surgery

- Endometriosis resection.
- Hysterectomy.
- Pelvic organ prolapse repair.
- Thoracic surgery

Thoracic surgery

- Lung resection.
- Mediastinal mass reduction.
- Thymectomy.
- Urologic surgery

Urologic surgery

- Cystectomy.
- Partial nephrectomy.
- Radical prostatectomy.
- Sural nerve graft.

How is robotic surgery different from traditional (open) surgery?

According to Dr. Lalit Banswal, an expert in **Robotic Cancer Surgery in Pune**, the techniques your surgeon uses to carry out your procedures are similar to open surgery. How your surgeon accesses the surgical site makes the difference.

- Small incisions are needed instead of large incisions.
- Surgical instruments need less space to do their job, which limits the need to push your muscle tissue and organs out of the way.

What happens during robotic surgery?

- First, your robotic surgeon makes one or more small incisions.
- Your surgeon places ports (thin tubes) through these incisions.
- The robot is connected to these ports and instruments are then put through them.
- A long thin camera (endoscope) is put through one of the ports. The camera delivers high-definition images in 3D during the surgery.
- Surgical instruments are put through the other ports, which allows the surgeon to do the procedure.
- Your surgeon manages the robotic arm while sitting at a console a few feet away from you.
- An assistant stays next to you to assist the surgeon by adjusting the instruments when needed.

What are the advantages of robotic surgery?

Compared to open surgery robotics offer many benefits to patients. One of the main advantages is that it allows surgery through smaller incisions.

Other advantages of robotic surgery include:

- **Greater precision:** The robotic arm's moves are more exact than a human hand. And their range of motion is greater. The arms rotate instruments in tight spaces in ways that aren't otherwise attainable.
- **Better visualization:** A sophisticated camera delivers magnified, high-definition views of the surgical area. It also has 3D capabilities for imaging that are best for the naked eye.
- **Ability to do surgery inside the body:** The small instruments authorize surgeons to perform steps of the operation inside your body when traditionally, they would have had to make a much larger incision to do that portion of the procedure outside of your body.

What are the disadvantages of robotic surgery?

Disadvantages of robot-assisted surgery are:

- Only available at the centers that can afford the technology and have specially trained surgeons.
- Your surgeon may have to convert to an open procedure with larger incisions if there are complications. These include scar tissue from previous surgeries that make it challenging for robotic technology to finish the procedure.
- There can be a risk of nerve damage and compression.

What is recovery from robotic surgery like?

Dr. Lalit Banswal who is a specialist in **Robotic Cancer Surgery in Pune** says that recovery is much shorter & it depends on the procedure type and your overall health, you may:

- Get out of bed soon after the anesthesia wears off.
- Be able to consume food within a few hours of surgery.
- Take discharge the same day of surgery or the next day.

What are common myths about robotic surgery?

- **Myth:** The robot performs the procedure.
- **Fact:** The robot doesn't perform the surgery on its own but the surgeon operates it completely. There are safety mechanisms in place to assure the robot doesn't move without the surgeon controlling it.
- **Myth:** I don't have to worry about complications as robots are so precise.
- **Fact:** Robotic-assisted surgery lowers the risk of certain complications. But they're still possible.
- **Myth:** Open surgery has a direct view of the surgical area so it is better than robotic surgery.
- **Fact:** With robot-assisted technology, surgeons have an improved view. A camera delivers real-time, high-resolution, magnified images with 3D capabilities.

Few Words From Dr. Lalit Banswal, an Expert Robotic Cancer Surgeon in Pune :

Robotic-assisted surgery allows you to receive sophisticated treatments with less recovery time. At **PrecisionPlus Superspeciality Hospital**, which best in **Robotic Cancer Surgery in Pune**, we have specially trained surgeons who utilizes robotic technology to operate through small incisions. Robotic surgery can be utilized to treat conditions impacting your heart, digestive system, bladder, prostate, and more. Benefits of robotic surgery include less blood loss, shorter hospital stays, and quicker recovery. Surgeons who have achieved a high volume of these procedures typically deliver optimal outcomes.