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# Robotic Surgery is Getting Popular Among Urologist

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PRESS RELEASE

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## Robotic Surgery is Getting Popular among Urologist

***Medical and healthcare sector in recent times have been witnessed to a spate of technologies for treating of various ailments, robotic and computer assisted surgery being one of them. This surgery is becoming very popular throughout the world for the treatment of kidney and urological diseases.***

Urological diseases involve the malfunctioning of urinal system among men by causing tremendous amount of discomfort to them. This disease often leads to prostate cancer. Earlier, with traditional or open surgeries this problem was treated where the prostate would be removed by making a large incision in the lower abdomen. The entire process was very painful and also with side effects.

But with the advent of robotic surgery both patients and surgeons have been hugely benefitted as numerous complicated diseases could be treated effectively with the robotic surgery. Due to robotic surgery or if we can say Da Vinci Robot has made the surgical process much simpler and its other benefits include:

- Small incision
- Less Complication during operation
- Low blood loss
- Less Scarring
- Minimal chances of infection
- Faster Recovery
- Less expensive - since staying in hospital will be for a shorter period of time as the patient will recover much faster compared to traditional surgeries.

Though the surgery is performed by the robot but it's actually the surgeon who is controlling the entire operation process. The surgeon sits behind the console and provides instructions to the robot with the help of the camera and monitors every movement of the robot very minutely. With its pencil-thinned four arms, the robot holds camera in one hand and the instruments/scalpel to carry out the surgery in another three arms. With the surgeon's instruction the robot makes small incision in the patient's abdomen and operates in the affected area to remove the problem causing urological diseases.

This is not a simple process as very well trained person is required who can control the operations of the robot and provides effective inputs to carry out the surgery effectively. Though there are some studies indicating that robotic surgeries may not have a long span because it is expensive but factors such as shorter period of stay in the hospital and less period of stay in hospital are able to compensate the costs of surgery. Because post-surgical recovery process is hardly any, since incision done is low combined

with very low rate of blood loss, patients are able to get back to their routine lives within a short period of time. For kidney and any type of urological disease this Da Vinci assisted robotic surgery is becoming the best option.

Though the popularity of this surgery still has a long way to go but it will sure make an impact in the lives of both patient's and surgeons. As when they will weigh the pros & cons of both traditional surgery and robotic surgery, the benefits of the latter will definitely be more effective. Less pain and blood loss will motivate patients to opt for robotic surgery for urological diseases - and the doctors will also prefer them due to its fewer complications.

## **ABOUT “CENTRE FOR ROBOTIC SURGERY”**

Center for Robotic Surgery (CRS) is the Super Specialty Urological Hospital. It is an initiative of Muljibhai Patel Urological Hospital (MPUH), popularly known as 'Nadiad Kidney Hospital' or just 'Nadiad Kidney'. We are the first hospital in India devoted entirely to Nephrology and Urology.

MPUH-CRS is started with the vision to provide the best facility with advance technology to fulfill patient's need of minimal hospital stay and also reduce the morbidity rate. Our motto "Every life deserves the world class care" and, we provide the best treatment with top class technology.

Dr. Mahesh Desai is the Medical Director & Managing Trustee of MPUH - CRS. He is also a Director of JPAC, a world class center of academic excellence for Urology and Nephrology. current president of Endourology Society and immediate past president of Society International d'Urologie (SIU). Dr. Desai received several national and international awards for his services at MPUH.

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