



da VINCI ROBOTICS

What is the da Vinci Surgical System?

The da Vinci Surgical System is a computer-enhanced surgical tool consisting of three main components:



The **InSite** Vision System which provides the surgeon with a true minimally invasive 3-D view of the surgical field.

The Surgical Cart that includes the **EndoWrist** Instruments. The **EndoWrist** Instruments are designed to mimic the movement of the human hands, wrists and fingers.

The Surgeon Console which contains the master controls that the surgeon uses to manipulate the **EndoWrist** Instruments.

What is my surgeon's role if the "robot" is operating?

Dr. Mendoza is highly skilled in the area of Robotic Surgery. The robot doesn't perform the operation, the surgeon does. The surgeon manipulates the robotic arms of the da Vinci Surgical System to execute the necessary steps of the procedure. Your surgeon will sit at the console right next to you and manipulate the ergonomically designed controls that move the robotic arms.

What are the benefits of using this robotic surgical system?

There are many benefits to using the da Vinci Surgical System. For the surgeon, the ability to perform complex minimally invasive procedures as if they were performing open surgery procedures without the fatigue experienced in a long procedure. For the patient, numerous benefits common in existing laparoscopic procedures including reduced bleeding, less pain, smaller risk of internal scarring, shorter hospital stay and faster recovery are possible.

The controls are ergonomically designed, reducing fatigue during long procedures. The InSite® Vision System magnifies the operating area and provides 3-D visualization, improving your surgeon's visual field. Also, the mechanical arms have a greater range of motion than the human wrist, which make their movements more precise.

These technical advances can help with your post-operative recovery. By reducing blood loss and creating smaller incisions, you may experience less post-operative pain and scarring, as well as a shortened hospital stay and quicker recovery.