

Your doctor is one of a growing number of surgeons providing innovative surgical treatments like *da Vinci* Surgery.

*da Vinci* Surgery is setting a new standard for the treatment of **kidney cancer**.

For more information on *da Vinci* Surgery, please visit:  
**[www.daVinciSurgery.com](http://www.daVinciSurgery.com)**



# Facing Kidney Cancer?

Learn why *da Vinci*® Surgery may be your best treatment option



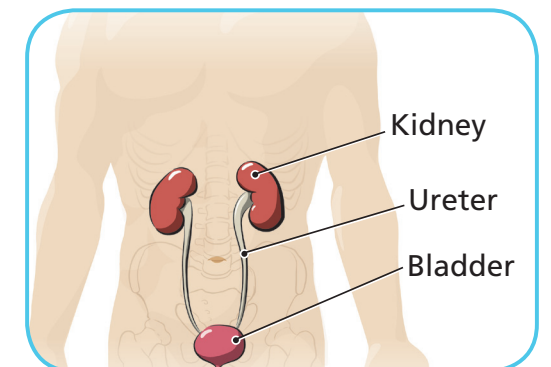
**da Vinci** Surgery  
for kidney cancer

## Kidney Cancer

The kidneys are two small, fist-sized organs located behind the abdomen on each side of the spine. Their function is to produce urine, which is then stored in the bladder until it is emptied. By producing urine, kidneys remove toxic by-products and excess fluids from the body. This process helps to maintain a critical balance of salt, potassium and acid.

Each year, 54,000 Americans are diagnosed with kidney cancer and more than 13,000 die from this disease.<sup>1</sup> Overall, kidney cancer is slightly more common in men and is usually diagnosed between the ages of 50 and 70 years. The most common kidney cancer is renal cell carcinoma.

Fortunately, with early diagnosis and treatment, kidney cancer can be cured. If found early, the survival rate ranges from 79 to 100 percent.<sup>2</sup>

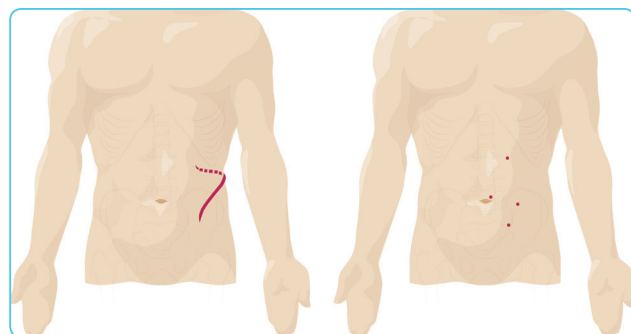


## Treatments

Kidney cancer is relatively resistant to non-invasive treatments like radiation and chemotherapy.<sup>3</sup> As a result, the *gold standard* treatment for localized kidney cancer is surgery.<sup>3</sup>

Kidney surgery is traditionally performed using an open approach, which requires a large abdominal incision. Another approach, conventional laparoscopy, is less invasive but limits the doctor's precision, visualization and control compared to open surgery.

*da Vinci* Surgery for kidney cancer uses the best techniques of open surgery and applies them to a robotic-assisted, minimally invasive approach.



Open Kidney Surgery  
Incision

*da Vinci* Surgery  
Incisions\*

The precision, vision and control of the *da Vinci* Surgical System allows your surgeon to provide a precise, minimally invasive treatment for kidney cancer. It may also provide your surgeon the means to preserve your kidney by removing the tumor and not the entire kidney.

Preserving your kidney can help prevent future kidney disease and even dialysis.

\*In certain cases, your doctor may need to remove the entire kidney. If so, he/she will enlarge one incision for removal.

*da Vinci* Surgery  
for Kidney Cancer:

## A Less Invasive Approach

If you have been diagnosed with kidney cancer, you may be a candidate for a very effective, minimally invasive approach — *da Vinci* Surgery.

*da Vinci* Surgery uses state-of-the-art technology to help your doctor perform a more precise operation as compared to conventional surgery. It offers numerous potential benefits over open surgery, including:

- › Significantly less pain<sup>4</sup>
- › Less blood loss & fewer transfusions<sup>5</sup>
- › Less risk of infection<sup>6</sup>
- › Less scarring<sup>4</sup>
- › Shorter hospital stay & recovery time<sup>6</sup>
- › Increased potential to preserve the kidney in certain cancer operations<sup>7</sup>
- › Better clinical outcomes, in many cases<sup>6</sup>

As with any surgery, these benefits cannot be guaranteed, as surgery is patient and procedure-specific.



Though it is often called a “robot,” *da Vinci* cannot act on its own. Instead, the surgery is performed entirely by your doctor.

Together, *da Vinci* technology allows your doctor to perform complex procedures through just a few tiny openings. As a result, you may be able to get back to your normal activities faster — without the long recovery that usually follows open surgery.

The *da Vinci* System has been used successfully worldwide in hundreds of thousands of procedures to date.

