Renown Institute for Robotic Surgery

KIDNEY CANCER

If you are facing kidney cancer, early diagnosis and treatment can be critical. When found early, the survival rate can be as high as 80 percent. Kidney cancer is often resistant to non-invasive treatments like radiation and chemotherapy, leaving surgery an option to consider.

Surgery to remove your kidney is known as a nephrectomy. When surgeons remove only the tumor and leave the healthy portion of your kidney, it’s called a partial nephrectomy.

You have options when it comes to surgery, including:

- **Open surgery:** requires a large incision, allowing doctors to see and touch your organs as they operate.
- **Laparoscopic surgery:** your surgeon operates through a few small incisions with long-handled surgical instruments and a camera as a guide during the procedure. This option is minimally invasive.
- **da Vinci Surgery:** this minimally invasive surgical option is for patients facing partial nephrectomy. Surgeons make a few small incisions, similar to laparoscopy. The da Vinci System features a magnified 3D HD vision system and wristed instruments that bend and rotate far greater than the human wrist. In certain cases, your doctor may need to remove the entire kidney. If so, one incision will be enlarged for removal. If you have been told you need kidney surgery, ask your doctor about minimally invasive da Vinci.

For most patients, da Vinci Surgery can offer numerous potential benefits, including:

- Precise removal of cancerous tissue and precise kidney reconstruction
- Excellent chance of preserving the kidney
- Low rate of operative complications
- Shorter operation
- Less blood loss
- Shorter hospital stay

For more information call 775-982-4900 or visit renown.org/daVinci

The following surgeons are trained da Vinci Robotic Surgeons for nephrectomy and credentialed to perform procedures at Renown Medical Center. Surgeons are listed alphabetically and are not employed by Renown.

John Freeman, MD
Urology Nevada

Angelo Kanellos, MD
Urology Nevada

Matthew McCormack, MD
Urology Nevada