Renal Cell Carcinoma

Renal cell carcinoma, or RCC, is the most common type of kidney cancer, accounting for more than 179,000 deaths worldwide each year.

**Staging**

There are four stages of kidney cancer. Patients with advanced forms of the disease have lower survival rates.

- **Stage I**
  - Tumor within kidney, <7 cm

- **Stage II**
  - Tumor within kidney, >7 cm

- **Stage III**
  - Tumor within kidney and in surrounding lymph nodes or fatty tissue

- **Stage IV**
  - Tumors spread beyond the kidney to the adrenal glands or other organs

**Incidence by Gender**

RCC is approximately twice as common in men as in women.

**Diagnosis**

Physicians use a number of tests to diagnose RCC, including examination of medical history, lab tests and imaging studies. At diagnosis, up to 30% of patients present with metastatic or advanced RCC.

**Global Incidence**

Kidney cancer is the 14th most common cancer worldwide.

- **North America** 77,000
- **Europe** 138,600
- **Asia** 156,500
- **Central America & the Caribbean** 8,500
- **Africa** 17,700
- **South America** 27,500
- **Oceania** 5,500

**Common Risk Factors**

- Obesity
- Family History
- Tobacco Use
- High Blood Pressure
- Asbestos Exposure

**Treatment Options**

A patient's treatment options are largely dependent on the stage of the disease and can include:

- Surgery
- Targeted Therapy
- Radiation Therapy
- Immunotherapy

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