Renal Cell Carcinoma

Renal cell carcinoma, or RCC, is the most common type of kidney cancer, accounting for more than 140,000 deaths worldwide each year.

**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.

**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**: Tumor within kidney, <7 cm

**Incidence by Gender**

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

**Global Incidence**

Kidney cancer is the 16th most common cancer worldwide.

- **North America**: 67,400
- **Europe**: 136,500
- **Asia**: 149,000
- **Central America**: 5,400
- **South America**: 24,900
- **Africa**: 13,400
- **Australia & New Zealand**: 5,000

Source: Globocan 2018 & World Cancer Research Fund International

**Common RCC 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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