

# 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.

## 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**  
Tumors spread beyond the kidney to the adrenal glands or other organs

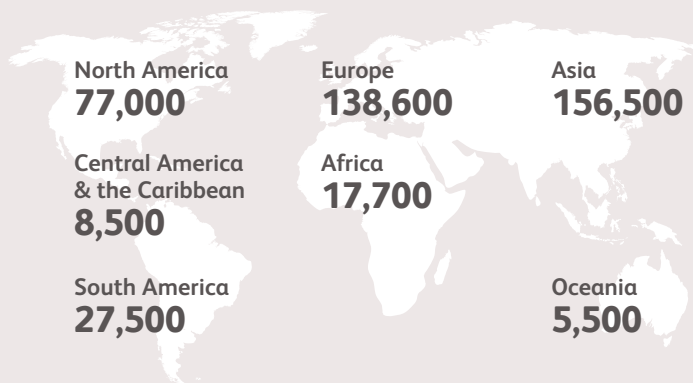
## Incidence by Gender

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



## Global Incidence

Kidney cancer is the **14th most common cancer** worldwide.



Source: GLOBOCAN 2020

## 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