RENAL CELL CARCINOMA BY THE NUMBERS

RENAL CELL CARCINOMA, OR RCC, IS THE MOST COMMON TYPE OF KIDNEY CANCER ACCOUNTING FOR MORE THAN 100,000 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.

5-YEAR SURVIVAL RATES

<table>
<thead>
<tr>
<th>Stage</th>
<th>Survival Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>81%</td>
</tr>
<tr>
<td>II</td>
<td>74%</td>
</tr>
<tr>
<td>III</td>
<td>53%</td>
</tr>
<tr>
<td>IV</td>
<td>8%</td>
</tr>
</tbody>
</table>

Source: American Cancer Society 2016

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

Images adapted from Urologist.com

KIDNEY CANCER IS THE 13TH MOST COMMON CANCER WORLDWIDE.

ESTIMATED 2012 CASES

- NORTH AMERICA: 63,822
- CENTRAL AMERICA: 4,492
- SOUTH AMERICA: 15,681
- EUROPE: 115,252
- ASIA: 123,402
- AUSTRALIA & NEW ZEALAND: 4,168

Source: Globocan 2012

COMMON RCC RISK FACTORS

- SMOKING
- FAMILY HISTORY
- OBESITY
- HIGH BLOOD PRESSURE
- ASBESTOS EXPOSURE

A PATIENT’S TREATMENT OPTIONS ARE LARGELY DEPENDENT ON THE STAGE OF THE DISEASE.

Surgery, Targeted Drug Therapy, Chemotherapy, Radiation Therapy, Immunotherapies