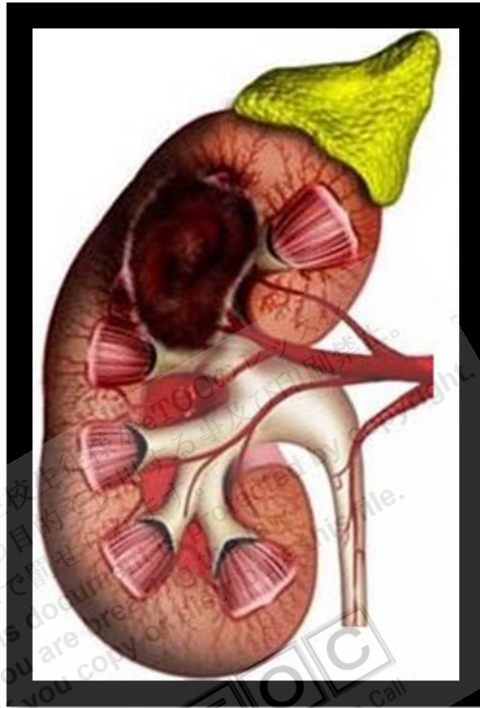


# Hypernephroma

Hypernephroma (medical condition): Any cancer involving the kidneys. Wilms' tumor, transitional cell cancer and renal cell cancer are examples of types



<http://www.hapche.bg/meditsinski-rechnik/hypernephroma>

## Kidney Cancer: Introduction

Kidney cancer is a relatively rare type of cancer that occurs when there is an uncontrolled growth of cancer cells that form a malignant tumor in the kidney. The most common form of kidney cancer is renal cell cancer.

The kidneys are a pair of bean shaped organs located in the abdomen. The function of the kidneys is to filter the blood of certain wastes creating urine. Normally, cells in the kidneys that are old or damaged will stop dividing and die before they can become cancerous. These cells are normally replaced by healthy young cells. Kidney cancer occurs when old or damaged cells continue to divide and multiply uncontrollably.

Kidney cancer is most treatable and curable if caught in the earliest stage of the disease. Untreated and/or advanced kidney cancer can spread from the kidney into surrounding tissues and into the lymph nodes, lungs, liver, bones and brain, where it can form another cancerous tumor. This is called metastasis.

People at risk for developing kidney cancer include those who smoke, are obese, or have certain rare genetic disorders, such as von Hippel-Lindau disease (VHL) or Birt Hogg Dube Syndrome (BHD). Other risk factors include having advanced kidney disease, a family member with kidney cancer, and/or exposure to certain toxic substances, such as asbestos, trichloroethylene, and cadmium. Kidney cancer is more common in men than in women.

Common symptoms of kidney cancer include hematuria (blood in the urine) and flank pain or back pain. However, there are often no symptoms in early stages of the disease. Kidney cancer can also cause serious complications. For more details on other key symptoms and complications, refer to symptoms of kidney cancer.

Diagnosing kidney cancer begins with taking a thorough personal and family medical history, including symptoms and risk factors for kidney cancer. Diagnosis also includes completing a physical examination.

A test on the urine, called an urinalysis, is performed to check for blood in the urine (hematuria) and to rule-out certain other conditions with similar symptoms, such as a bladder infection or kidney stones.

Kidney cancer can often be diagnosed with one or more imaging tests that create a picture of the kidney. Imaging tests can include CT scan, PET scan, ultrasound, intravenous pyelogram, ultrasound and/or MRI.

Rarely, a kidney biopsy may be necessary. A kidney biopsy involves removing a sample of cells from the kidney tumor with a very fine needle inserted through the skin. The sample of cells is then examined under a microscope for the presence of cancer cells to confirm a diagnosis.

Other diagnostic tests may be performed to rule-out or diagnose metastasis of kidney cancer to other parts of the body, such as the lungs, liver or brain.

The prognosis for people with kidney cancer varies depending on the stage of advancement of the cancer, the specific type of kidney cancer, and other factors. Treatment of kidney cancer may include surgery, radiation therapy, targeted therapy, immunotherapy and/or chemotherapy. For more details about treatment, refer to treatment of kidney cancer.

A diagnosis of kidney cancer can be missed or delayed because some symptoms of kidney cancer are similar to symptoms of other conditions and for other reasons. For more information about other diseases, disorders and conditions that can mimic kidney cancer, refer to misdiagnosis of kidney cancer.

**Kidney Cancer:** Any cancer involving the kidneys. Wilms' tumor, transitional cell cancer and renal cell cancer are examples of types of kidney cancer. Smoking and certain conditions such as diabetes, obesity and hypertension may increase the risk of developing kidney cancer.

## Symptoms of Kidney Cancer: Introduction

In the early stage of kidney cancer, there are often no symptoms. Kidney tumors can become very large before causing symptoms. When symptoms do occur, the most common one is blood in the urine (hematuria). There is generally no pain during urination.

Other common symptoms include mass or lump in the abdomen and back pain or flank pain. Less common symptoms include weight loss, fatigue, anemia, and fever.

Complications of kidney cancer can create additional symptoms. Complications can include kidney failure and spread the tumor into major veins, such as the renal vein and the inferior vena cava. Complications also include blood clots and metastasis of the kidney cancer into surrounding tissues and into the lymph nodes and other organs, such as the lungs, liver, bones and brain

## Symptoms of Kidney Cancer

The list of signs and symptoms mentioned in various sources for Kidney Cancer includes the 50 symptoms listed below:

No early symptoms  
Blood in the urine - often intermittently  
Kidney area lump  
Abdominal swelling  
No pain - there is not usually any kidney pain unless the tumor is very advanced

### Less common symptoms:

Fatigue	Blood in your urine
Loss of appetite	A lump in your abdomen
Weight loss	Unexplained weight loss
Recurrent fevers	Pain in your side
Side pain	General poor health
Malaise	Hypernephroma
High blood pressure	Polycythemia
Anemia	Night sweats
Symptoms of renal cell carcinoma:	Dark urine
Blood in urine	Brownish urine
Kidney pain	Vision problems
Pain in lower back	Excessive hair growth
Abdominal swelling	Constipation
Fever	Enlarged testicle
Weight loss	Lower back pain
Symptoms of transitional cell carcinoma:	Swollen ankles
Blood in urine	Swollen feet
Abdominal pain	Pain in the side
Hydronephrosis	Tiredness
Impaired kidney function	
Blood symptoms	
High blood calcium level	
Blood clots	
Congestive heart failure	

## List of causes of Kidney Cancer

Following is a list of causes or underlying conditions that could possibly cause Kidney Cancer includes:

Smoking  
Obesity  
High blood pressure  
Long term dialysis  
Von Hippel Lindau syndrome  
Exposure to asbestos and cadmium  
Family history

**Reference:** <http://www.rightdiagnosis.com/medical/hypernephroma.htm>

eTOC在校生徒様がeTOCのレッスンを  
以外の目的で使用すること及び印刷禁止。  
法律で罰せられます。  
This document is protected by copyright.  
You are breaking the law  
if you copy or distribute this file.

**eTOC**  
English Teachers On Call