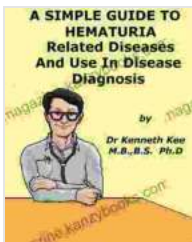


# Simple Guide to Hematuria-Related Diseases and Its Use in Disease Diagnosis

Hematuria, the presence of blood in the urine, can be a symptom of a wide range of underlying medical conditions. While some causes of hematuria are benign and self-limiting, others can be serious and even life-threatening. As such, it is important to be able to recognize the different types of hematuria and to understand when to seek medical attention.

## Types of Hematuria

There are two main types of hematuria:



## A Simple Guide to Hematuria, Related Diseases and Use in Disease Diagnosis (A Simple Guide to Medical Conditions) by Kenneth Kee

★★★★★ 5 out of 5

Language	: English
File size	: 327 KB
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Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 74 pages
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\* **Gross hematuria:** This refers to blood in the urine that is visible to the naked eye. It can range in color from pink to bright red. Gross hematuria is a sign of significant bleeding and should always be evaluated by a doctor. \*

**Microscopic hematuria:** This refers to blood in the urine that is only visible under a microscope. It is typically diagnosed during a urinalysis and can be a sign of a number of different medical conditions.

## **Causes of Hematuria**

The most common causes of hematuria include:

\* **Urinary tract infection (UTI):** This is a bacterial infection of the urinary tract. UTIs can cause inflammation and bleeding of the urinary tract, which can lead to hematuria. \* **Kidney stones:** These are hard deposits that can form in the kidneys. Kidney stones can irritate the urinary tract and cause bleeding. \* **Enlarged prostate:** This is a condition in which the prostate gland becomes enlarged. An enlarged prostate can put pressure on the urethra, which can lead to hematuria. \* **Bladder cancer:** This is a type of cancer that can develop in the bladder. Bladder cancer can cause bleeding, which can lead to hematuria. \* **Kidney cancer:** This is a type of cancer that can develop in the kidneys. Kidney cancer can cause bleeding, which can lead to hematuria.

## **Symptoms of Hematuria**

The symptoms of hematuria can vary depending on the underlying cause. However, some common symptoms include:

\* Red, pink, or brown urine \* Painful urination \* Frequent urination \* Urgent urination \* Fever \* Chills \* Nausea \* Vomiting

## **Diagnosis of Hematuria**

The diagnosis of hematuria is based on a physical examination and a urinalysis. A urinalysis is a test that checks the urine for blood, bacteria,

and other substances. If the urinalysis shows that there is blood in the urine, your doctor may Free Download additional tests to determine the cause of the bleeding. These tests may include:

\* Cystoscopy: This is a procedure in which a thin, lighted tube is inserted into the urethra and bladder. A cystoscopy can help your doctor visualize the urinary tract and look for any abnormalities. \* Ultrasound: This is a procedure that uses sound waves to create images of the urinary tract. An ultrasound can help your doctor identify any kidney stones or other abnormalities. \* Computed tomography (CT) scan: This is a type of X-ray that uses a computer to create detailed images of the urinary tract. A CT scan can help your doctor identify any tumors or other abnormalities.

## **Treatment of Hematuria**

The treatment of hematuria depends on the underlying cause. In most cases, hematuria is treated with antibiotics, pain relievers, and rest. However, if the hematuria is caused by a more serious condition, such as cancer, surgery or other treatments may be necessary.

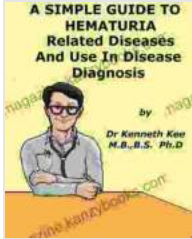
## **Prevention of Hematuria**

There is no sure way to prevent hematuria, but there are some things you can do to reduce your risk of developing this condition. These include:

\* Staying hydrated by drinking plenty of fluids \* Eating a healthy diet \* Avoiding alcohol and tobacco \* Exercising regularly \* Getting regular checkups

Hematuria is a common condition that can be caused by a variety of underlying medical conditions. While some causes of hematuria are benign

and self-limiting, others can be serious and even life-threatening. As such, it is important to be able to recognize the different types of hematuria and to understand when to seek medical attention.



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