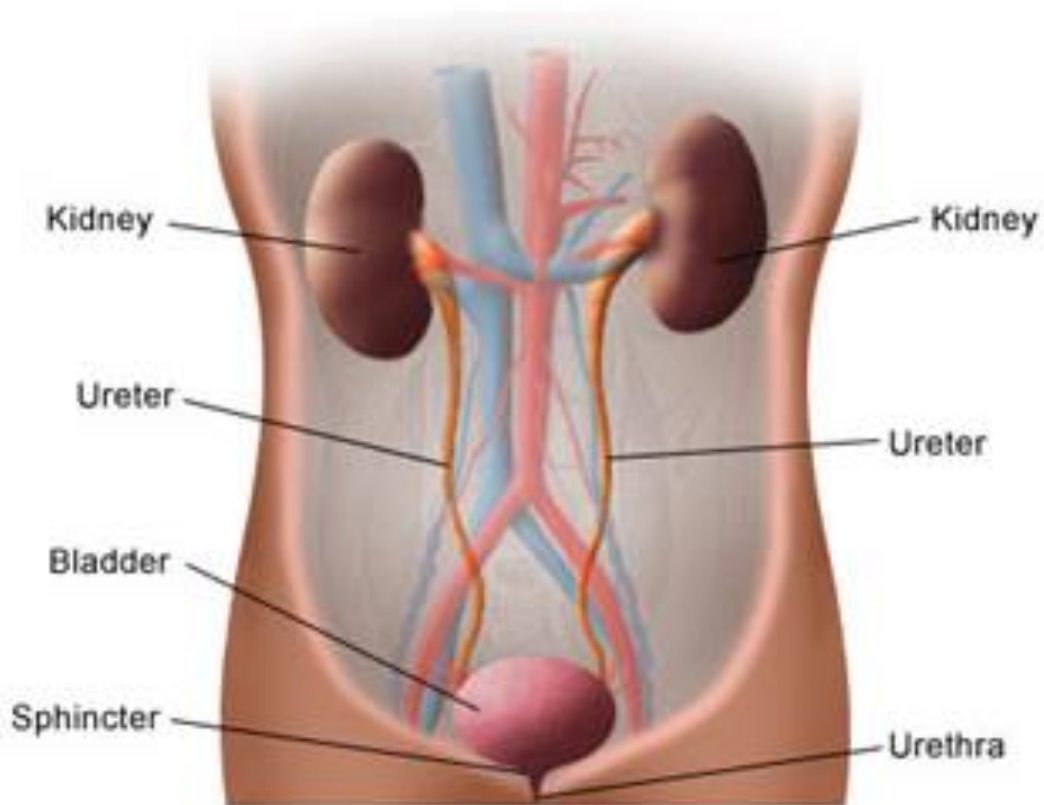


# Urinary System Lapbook



L-URIN

Written & Designed  
by  
Cyndi Kinney

Urinary System Lapbook  
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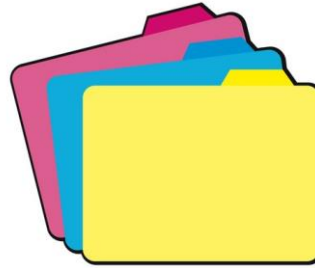
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Special thanks to Carrie Martin-Vegue. She is the author of the Study Guide that is included in this product. The Study Guide is being used with her permission and is now owned by Knowledge Box Central.

# How do I get started?

First, you will want to gather your supplies.



## \*\*\* Assembly:

**\*Folders:** We use colored file folders, which can be found at Walmart, Sam's, Office Depot, Costco, etc. You will need between 1 and 4 file folders, depending on which product you have purchased. You may use manila folders if you prefer, but we have found that children respond better with the brightly colored folders. Don't worry about the tabs...they aren't important. Within this product, you will be given easy, step-by-step instructions for how to fold and assemble these folders. *If you prefer, you can purchase the assembled lapbook bases from our website.*

**\*Glue:** For the folder assembly, we use hot glue. For booklet assembly, we use glue sticks and sometimes hot glue, depending on the specific booklet. We have found that bottle glue stays wet for too long, so it's not a great choice for lapbooking. For gluing the folders together, we suggest using hot glue, but **ONLY** with adult supervision. These things get **SUPER** hot, and can cause **SEVERE** burns within seconds.



**\*Other Supplies:** Of course, you will need scissors. Many booklets require additional supplies. Some of these include metal brad fasteners, paper clips, ribbon, yarn, staples, hole puncher, etc.



You may want to add decorations of your own, including stickers, buttons, coloring pages, cut-out clipart, etc. Sometimes, we even use scrapbooking supplies. The most important thing is to use your imagination! Make it your own!!



## **Ok. I've gathered the supplies. Now how do I use this product?**

Inside, you will find several sections. They are as follows:

1. **Layout and Pictures:** This section gives instructions and diagrams that will tell the student exactly how to assemble the lapbook base and where to glue each booklet into the base. Depending on the student's age, he or she may need assistance with this process, especially if you choose to allow the student to use hot glue.

2. **Student Instruction Guide:** This section is written directly to the student, in language that he or she can understand. However, depending on the age of the child, there may be some parent/teacher assistance needed. This section will also tell the student exactly what should be written inside each booklet as he or she comes to it during the study, as well as telling the student which folder each booklet will be glued into.

3. **Booklet Templates:** This section includes ALL of the templates for the booklets. These have been printed on colors that will help to improve retention of the information presented, according to scientific research on color psychology.

# Urinary System Lapbook

## Layout & Pictures

You will need 2 folders of any color. For each folder, you will fold both sides toward the original middle fold and make firm creases on these folds (Figure 1). Then glue the folders together along one flap (Figure 2).

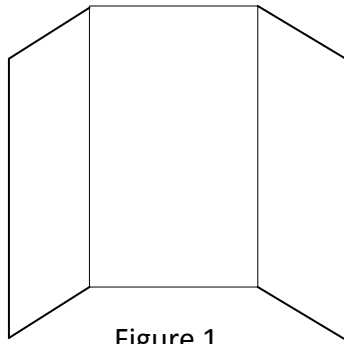


Figure 1

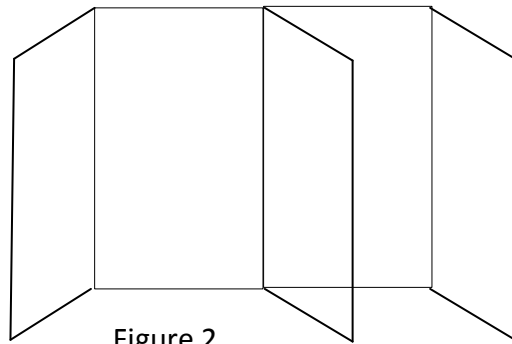
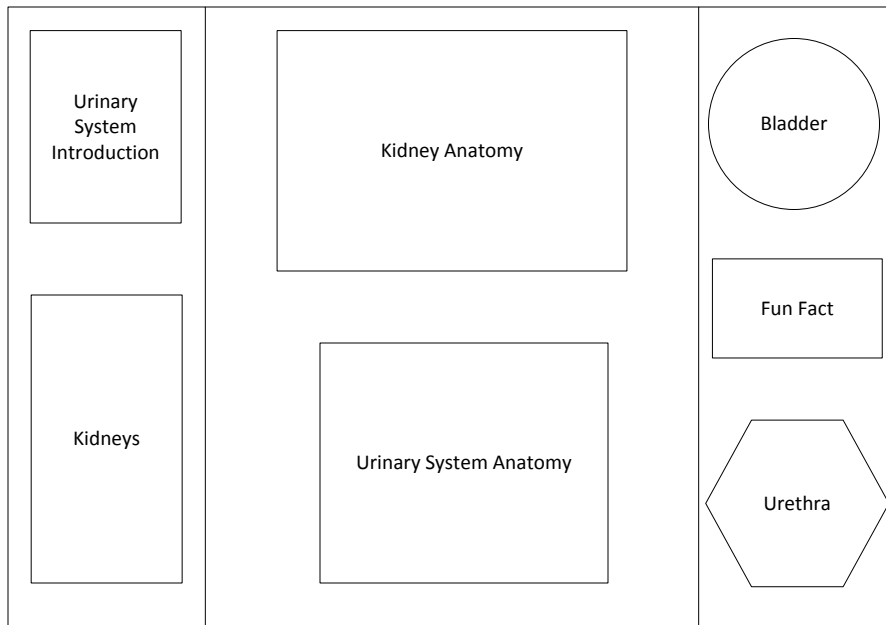


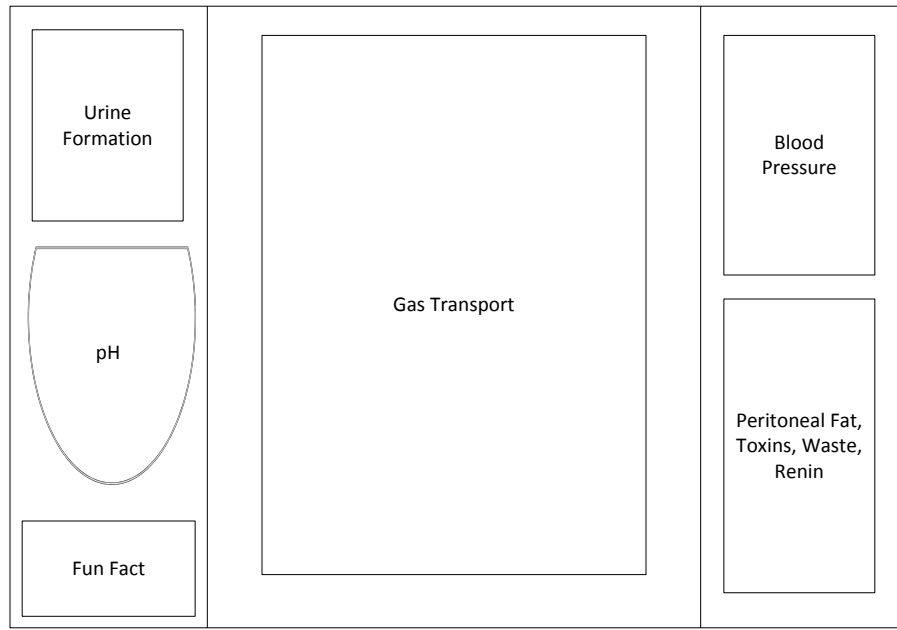
Figure 2

This is the "Layout" for your lapbook. The shapes are not exact on the layout, but you will get the idea of where each booklet should go inside your lapbook.

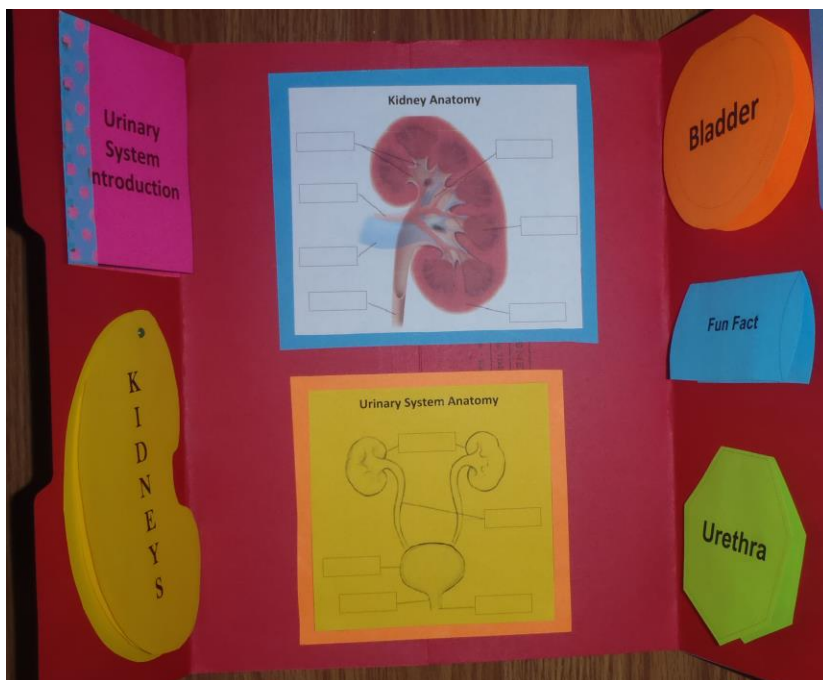
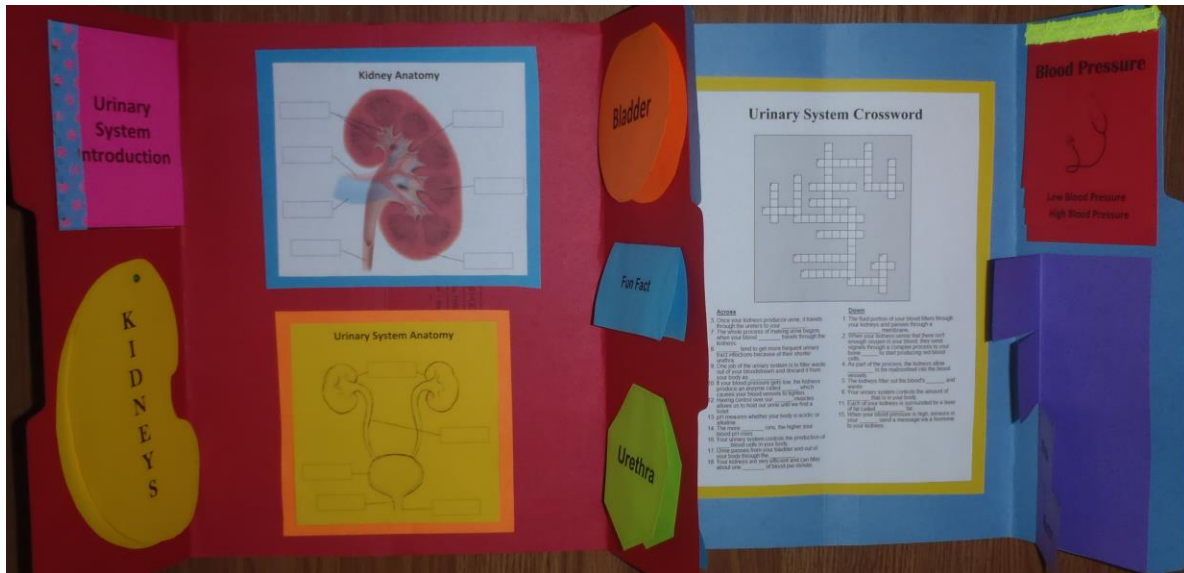


Folder 1

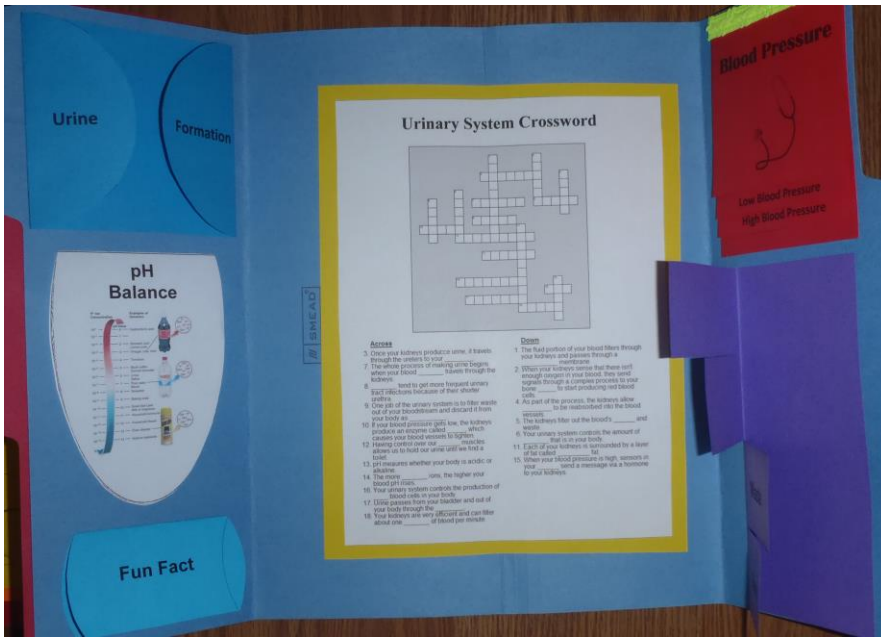
Folder 2



Below is a picture of a completed lapbook!!! This should help in figuring out how to assemble the booklets and then how to put it all together!



Folder 1



Folder 2 ←



# Urinary System Lapbook

## Student Instruction Guide

### **Booklet 1: Urinary System Introduction**

**Assembly Instructions:** Cut out along the outer black line edges of each page of the booklet. Stack so that the title is on the front. Secure along the left side with a staple.

**Completion Instructions:** Inside this booklet, tell about the different jobs of the urinary system. Also, tell about its major parts. Glue into folder #1 (see layout).

### **Booklet 2: Kidneys**

**Assembly Instructions:** Cut out along the outer black line edges of each page. Stack so that the title is on top. Punch a hole through the top, and secure with a metal brad fastener.

**Completion Instructions:** Inside this booklet, tell what you have learned about the kidneys. Glue into folder #1 (see layout).

### **Booklet 3: Kidney Anatomy**

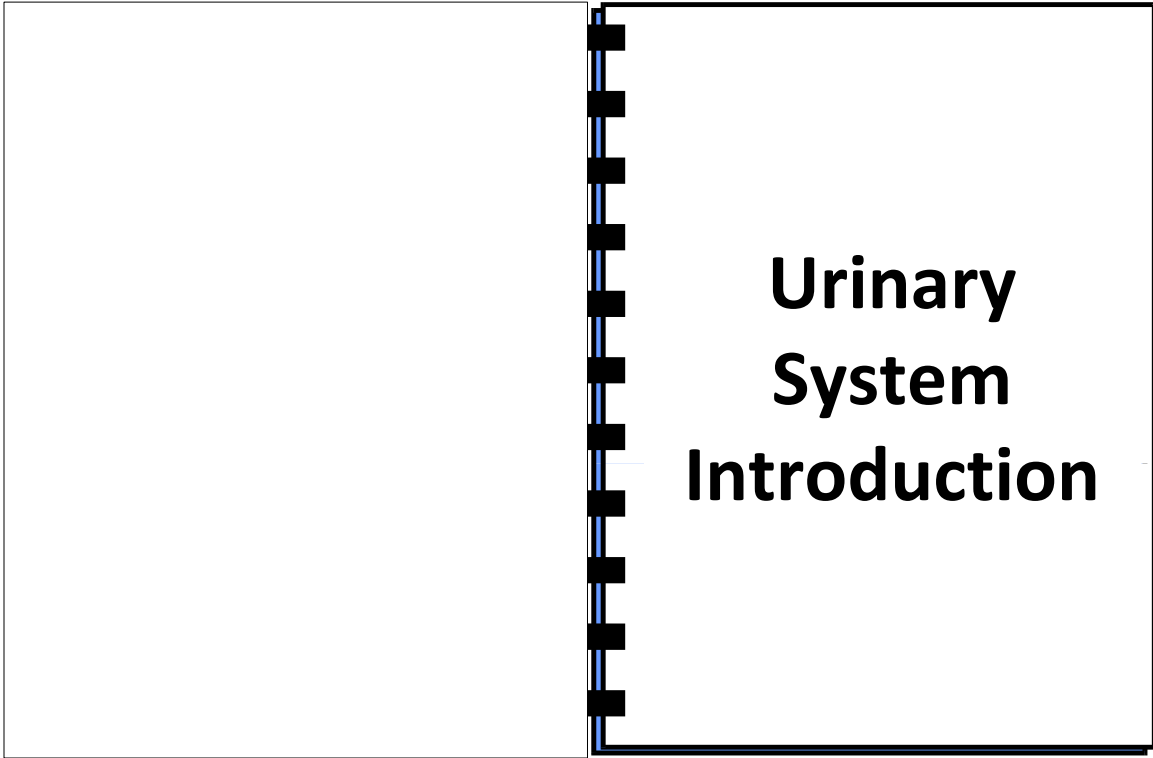
**Assembly Instructions:** Cut out along the outer black line edges of this one-page booklet. Glue to another piece of paper of a different color. Trim around the edges to create a small border.

**Completion Instructions:** Label the parts of the kidney, as found in your Study Guide. Glue into folder #1 (see layout).

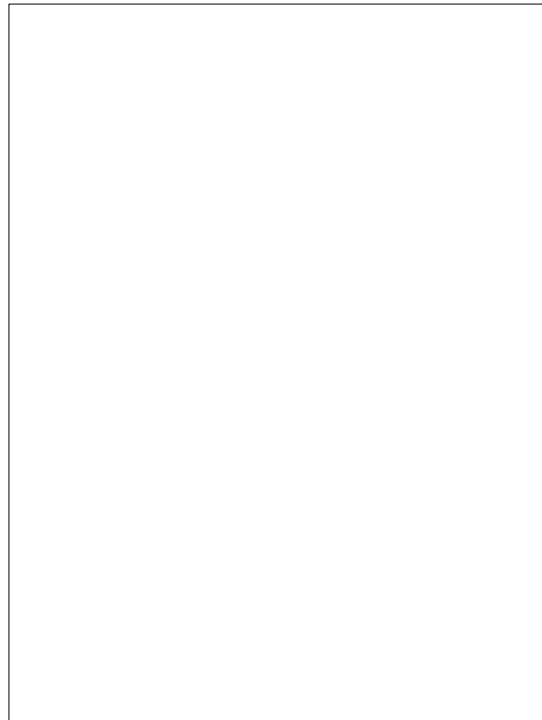
### **Booklet 4: Urinary System Anatomy**

**Assembly Instructions:** Cut out along the outer black line edges of this one-page booklet. Glue to another piece of paper of a different color. Trim around the edges to create a small border.

**Completion Instructions:** Label the parts of the urinary system, as found in your Study Guide.



**Jobs of the  
Urinary System**



**Urinary System  
Parts**

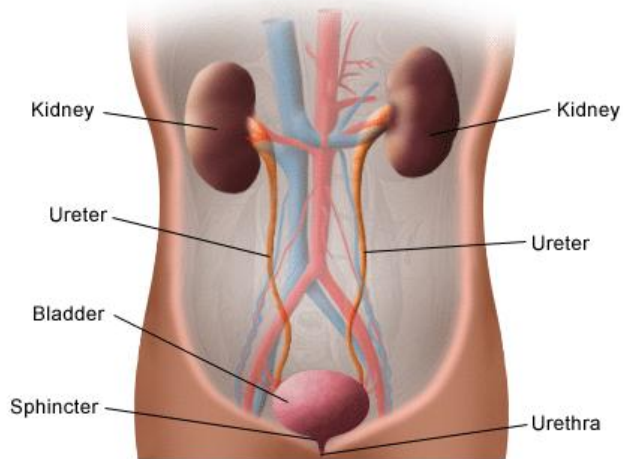
**K  
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# *The Urinary System*

## *Lapbook*

### **Teacher's/Study Guide**

#### **Front View of Urinary Tract**



[http://medicalcenter.osu.edu/patientcare/healthcare\\_services/urinary\\_bladder\\_kidney/anatomy\\_urinary\\_system/pages/index.aspx](http://medicalcenter.osu.edu/patientcare/healthcare_services/urinary_bladder_kidney/anatomy_urinary_system/pages/index.aspx)

### **Introduction**

When the urinary system comes up, it is often talked about with embarrassment or disgust. After all, your mom taught you from an early age that you shouldn't talk about pee, and you always need to wash your hands after using the bathroom.

However, your urinary system plays a very significant part in your body's health. Without it you would die. And it works each and every day to keep you happy and healthy without your putting any thought or work into it.

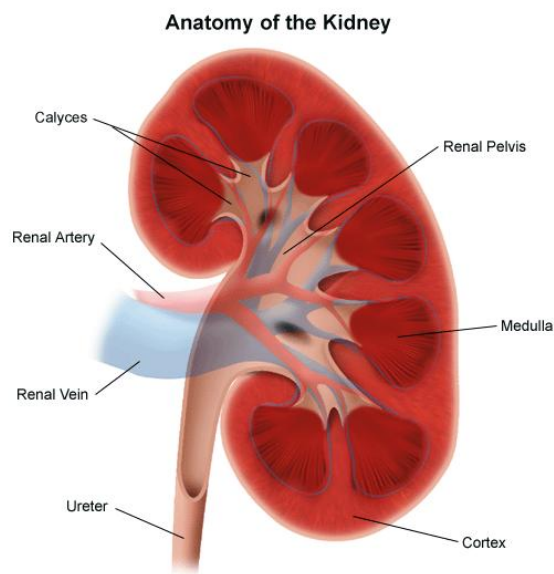
Your urinary system does quite a bit for you. Of course, the one job that this important system performs and everyone knows about is that it filters waste out of your bloodstream and discards it from your body in your urine. But that's not the only thing it does.

Your urinary system also controls the amount of water that is in your body, which in turn impacts your blood pressure. Your urinary system also controls the production of red blood cells in your body.

There are many different parts that play a role in these fascinating processes. The kidneys, ureters, bladder, and urethra all work together.

You have two kidneys, one on each side of your body toward your back. Think about a kidney bean. That is roughly the shape of your kidneys. The ureter is a long tube that connects your kidneys to your bladder. There is one ureter for each kidney. The bladder, of course, holds the urine until you're ready to get rid of it. The bladder is a muscle that you have control over so that you can decide when the appropriate time is to release the urine. Finally, the urethra is a tube that leads from your bladder to the outside of your body.

While the kidneys are small organs, they do play a very important role in the health of your body. As your heart is pumping your blood throughout your body, about 20% of your blood supply is sent to your kidneys to be filtered.



[http://medicalcenter.osu.edu/patientcare/healthcare\\_services/urinary\\_bladder\\_kidney/anatomy\\_urinary\\_system/pages/index.aspx](http://medicalcenter.osu.edu/patientcare/healthcare_services/urinary_bladder_kidney/anatomy_urinary_system/pages/index.aspx)

## **Kidneys**

Each of your kidneys is surrounded by a layer of fat called peritoneal fat. This fat is very important because it holds the kidneys in their respective places. When you're running or jumping, you don't want your kidneys flopping around! At the very least, it would be uncomfortable, and at the worst, the ureters could get