

What about Love

Try It Out

This model of the **human heart** opens up! Feel free to take a look at the complex structure that keeps you alive.

What's the Big Deal?

With each beat, your heart pumps about 4 tablespoons of blood. The right side pumps blood into your lungs, where it picks up oxygen. Then the left side pumps the oxygenated blood into the rest of your body to feed all your hungry and hard-working cells. Take a gander at a few other bits of heart trivia:

- It beats about 100,000 times per day
- It pumps around 2,000 gallons of blood per day
- The blood flows in approximately 60,000 miles of blood vessels
- The heart even has its own electrical supply, which means it can continue to beat even when it is separated from your body

(Source: Cleveland Clinic)

Women in Science

Dr. Helen Brooke Taussig is one of the founders of pediatric cardiology. In 1944, she helped to develop an operation to correct the congenital heart defect that causes anoxemia, or "blue baby"



syndrome. Taussig used fluoroscopy, a new x-ray technique, to establish that babies suffering from anoxemia had a leaking septum. Over the years, the operation she first proposed has prolonged thousands of lives and was a key step in the development of adult open heart surgery. Dr. Taussig also helped to avert a thalidomide birth defect crisis in the United States by testifying to the Food and Drug Administration on the terrible effects of the drug. (Source: NLM)

Wonder While You Walk...

The cells in your heart are so busy that they have little time to divide and create new cells. This has one benefit. Can you guess what it is?



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