Your heart pumps approximately 2000 gallons (7571 liters) of blood through its chambers every single day. It beats more than 100,000 times a day to achieve this incredible feat.
You take around 17,000 breaths a day on average, and don’t have to think about a single one of them. Yet if you want to stop breathing temporarily, you can voluntarily hold your breath. A typical pair of adult lungs can hold a huge six liters of air.
Your brain doesn’t stop working. It’s estimated that about 50,000 thoughts pass through it each day on average, although some scientists put the figure closer to 60,000. That is a whopping 35-48 thoughts every minute.
The cells in your stomach lining produce an alkaline substance every few milliseconds to neutralize stomach acid. If they didn’t do this, your stomach would digest itself because some of the acids are strong enough to dissolve metals.
You blink about 28,800 times every day, with each one lasting just a tenth of a second. This is a voluntary reflex the body uses to keep the eyes clean and moist, which is pretty crucial given that 90% of the information you process is visual, and you can weigh up any visual scene in just 0.01 seconds. Consider how many people and objects you look at every day – it’s remarkable!
Most of the body’s energy is expelled via heat. Your body produces the same heat as 25 light bulbs over the course of a single day.
Red blood cells literally shoot around the body, taking less than 60 seconds to complete a full circuit. This means that each of yours makes 1440 trips around your body every day, delivering oxygen and keeping your body energized. Each cell lives for about 40 days, before being replaced by a younger model. It’s no surprise their life span is short, having made 60,000 trips around the body, they must be exhausted!
Your hair (if you still have any) grows about half a millimeter per day, and the average adult with a full scalp has around 100,000 hairs on their head. So that’s a combined 50 meters of hair growth every, single day.
The glands in your mouth produce an incredible 1.5 liters of saliva every day. That’s a lot of dribble! If this didn’t happen, your mouth would dry up and become overrun with bacteria, and you wouldn’t be able to digest your food.
Each of your kidneys contains 1 million tiny filters that work together to filter an average of 2.2 pints (1.3 liters) of blood every minute – that’s 3168 pints (1872 liters) every single day, despite each kidney only being the size of a fist. If that wasn’t enough, they also expel an average of 2.5 pints (1.4 liters) of urine from your body every day too.
Your body works over time to digest your food and the process starts before it even hits the mouth. When you smell food, your mouth automatically produces more saliva to prepare the digestive system for work. It takes about 6-8 hours for food to pass through the stomach and two days to complete the digestion process. The average person will eat over 50 tonnes of food in his or her lifetime, which seems ridiculous!
And most amazing of all, your body cells are regenerating themselves every single day without any prompting. This means you have an entirely new set of taste buds every ten days, new nails every 6-10 months, new bones every ten years and even a new heart every 20 years.
So next time you think that your body is starting to creak, just think about all the incredible things that are happening inside it every day, because all of us really are a miracle!