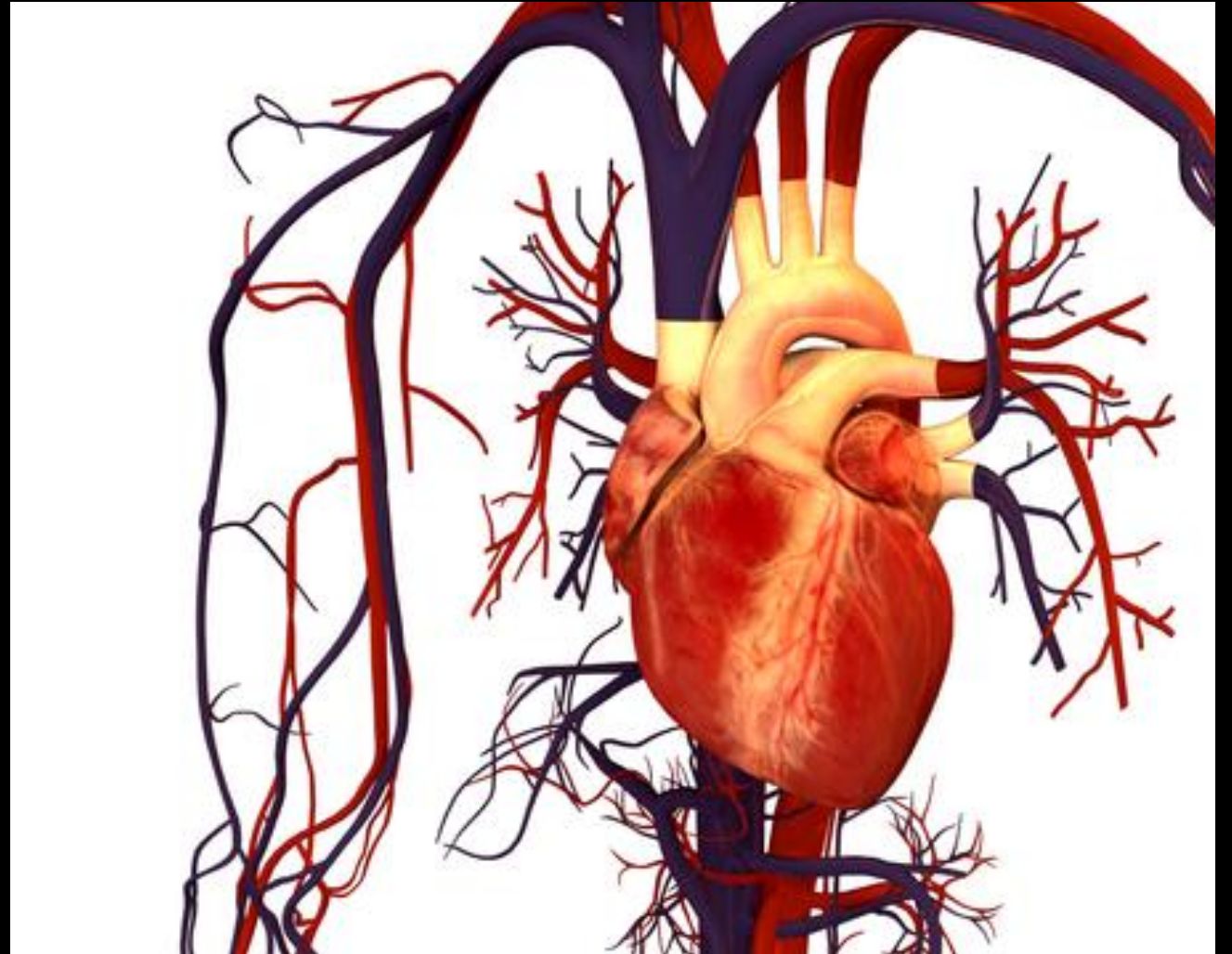


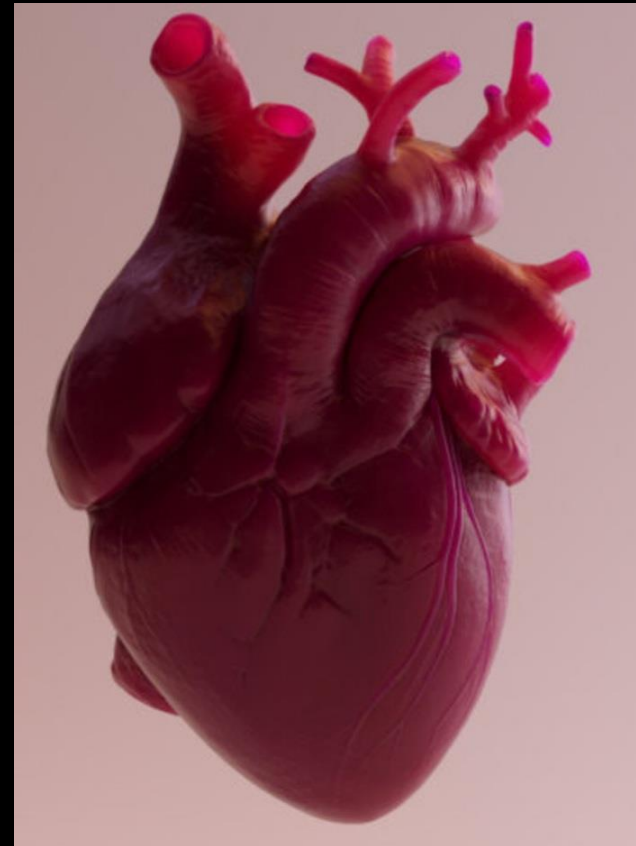
COOL FACTS ABOUT
THE CIRCULATORY
SYSTEM!!

A Class Project!



WHY IS YOUR HEART TILTED SLIGHTLY TO THE LEFT?

Answer: because the heart's bottom left chamber is responsible for pumping oxygenated blood throughout the whole body.



By: Oscar,
Hailey and
Gabriella.



WHAT ARE THE THREE TYPES OF BLOOD CELLS

- There are three types of blood types because... Human blood types most likely came to exist to fend off infectious diseases.

Hailey, Gabriella and
Oscar





WHY DOES YOUR BODY GET HOT AND COLD? JULIANA, VIENNA, AND NICHOLAS

- Did you know if your body gets overheated it is called a hot flash, and if you feel cold it is called a cold flash.
- When you are hot you are usually stressed out and your face starts to get red including your ears. It also occurs if your room or outside temperature is hot. If it is none of those then you probably have a fever.
- If you are feeling cold you start to shiver, but if you are freezing cold your lips get blue mainly if you are in freezing water. Also, if you want to know if you are cold you will have goosebumps mainly on your arms and legs.



WHAT IS THE MOST IMPORTANT BODY PART IN THE BODY? JULIANA,
VIENNA, AND NICHOLAS.

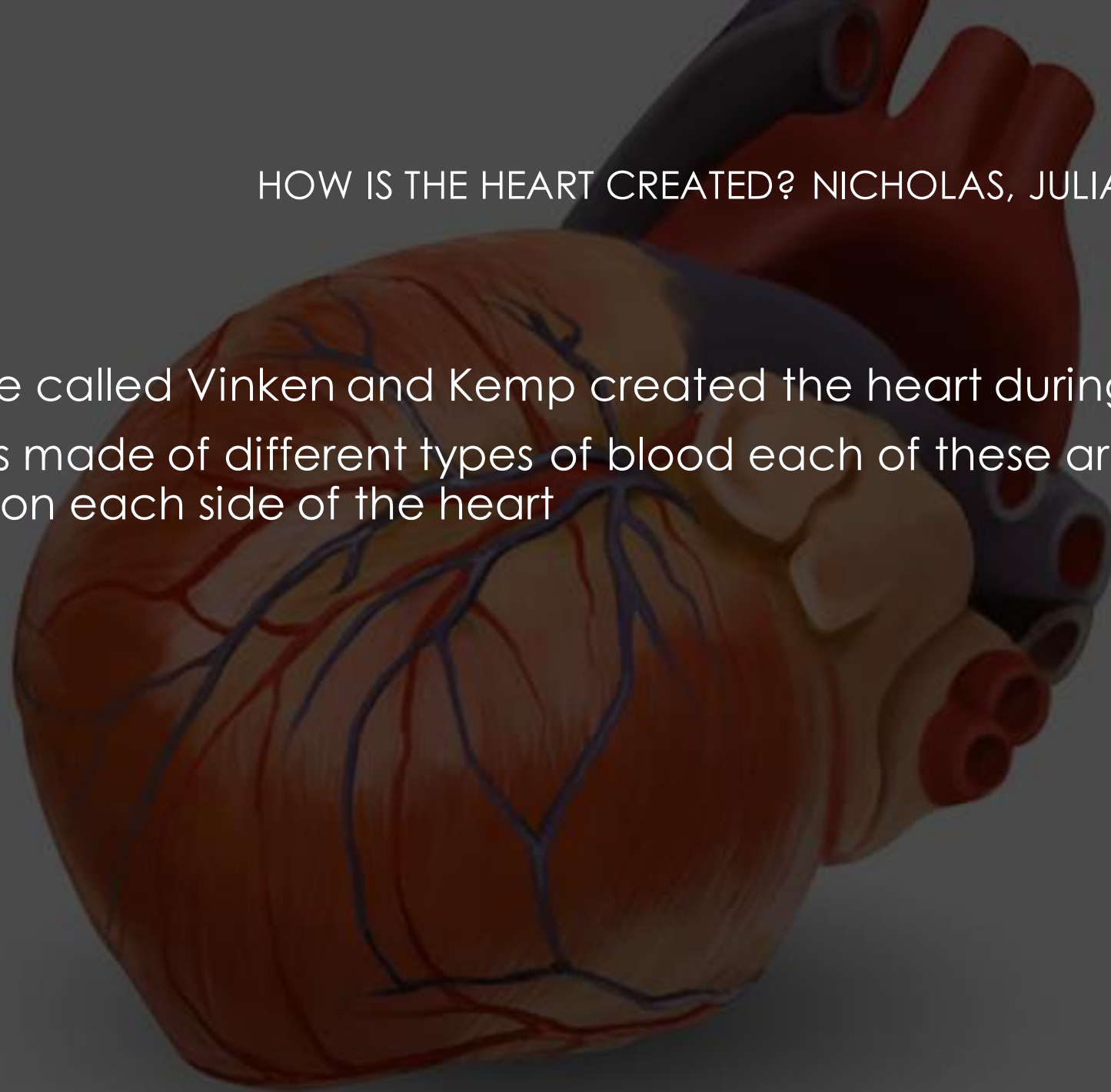
2ND SLIDE

- The most important body part in your body is the brain. The brain controls your whole body, makes your decisions, feels emotions and thinks. Did you know that the brain is protected by a thick skull that is called the cranium. The brain is also the most important organ in the body.

HOW IS THE HEART CREATED? NICHOLAS, JULIANA, AND VIENNA

3RD SLIDE

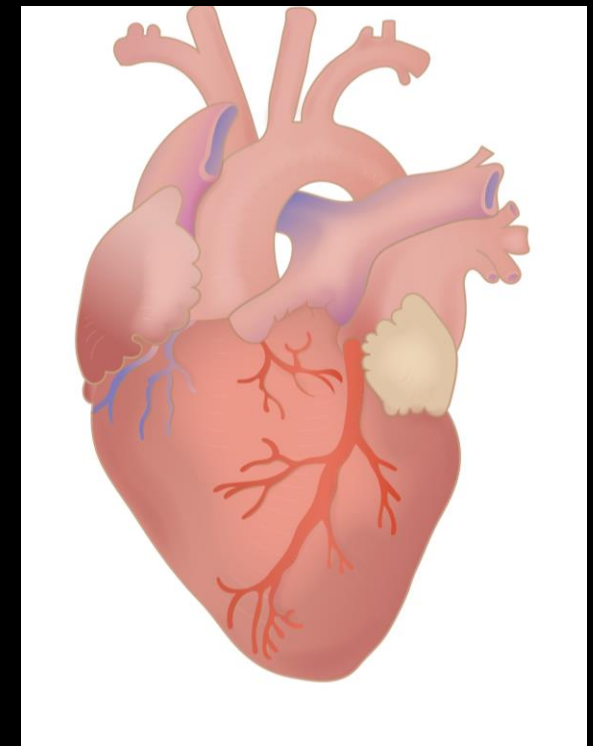
- Two people called Vinken and Kemp created the heart during middle ages.
- The heart is made of different types of blood each of these areas has two chambers on each side of the heart



HOW LONG WILL IT TAKE TO GAIN BACK ALL YOUR DONATED BLOOD?

It will take 2 days for the heart to regenerate a quarter of blood donated, and it will take 2 months for the heart to regenerate all the blood.

Rasul, Aanya and Miles



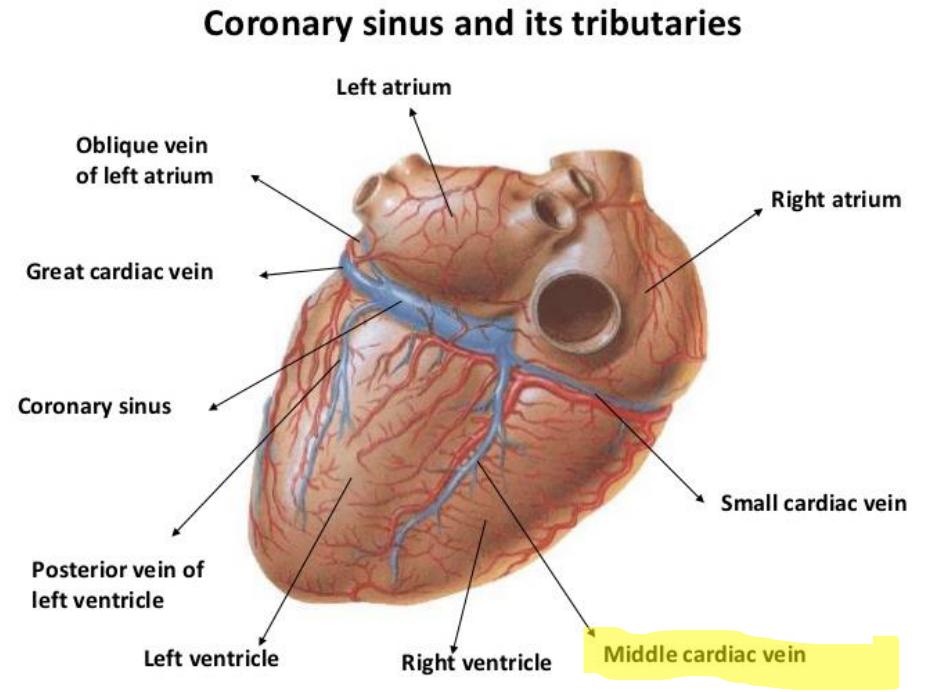
WHAT'S THE SMALLEST ORGAN IN THE HUMAN BODY?

- By Rasul, Miles and Aanya
- The smallest organ is the pineal gland.



What is the most important vein?

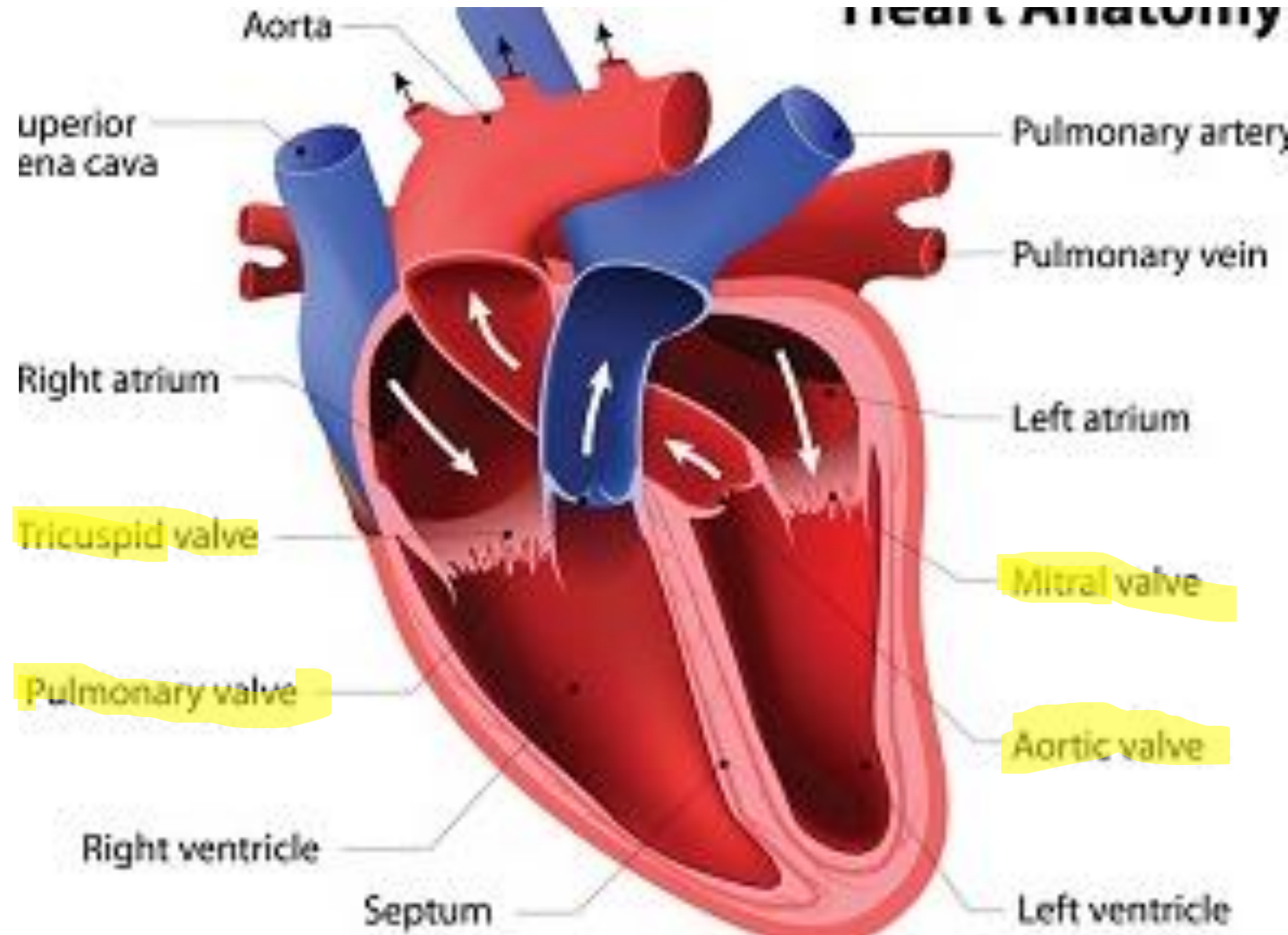
- The most important vein is called the middle Cardiac vein. The middle Cardiac vein also known as the posterior and drains the old blood of the heart.
- Natalie, Olivia, Cameron



Why does a heart have a pulse?

The heart pulses because the valves in the heart open and close to pump blood through the body.

Cameron, Olivia,
Natalie

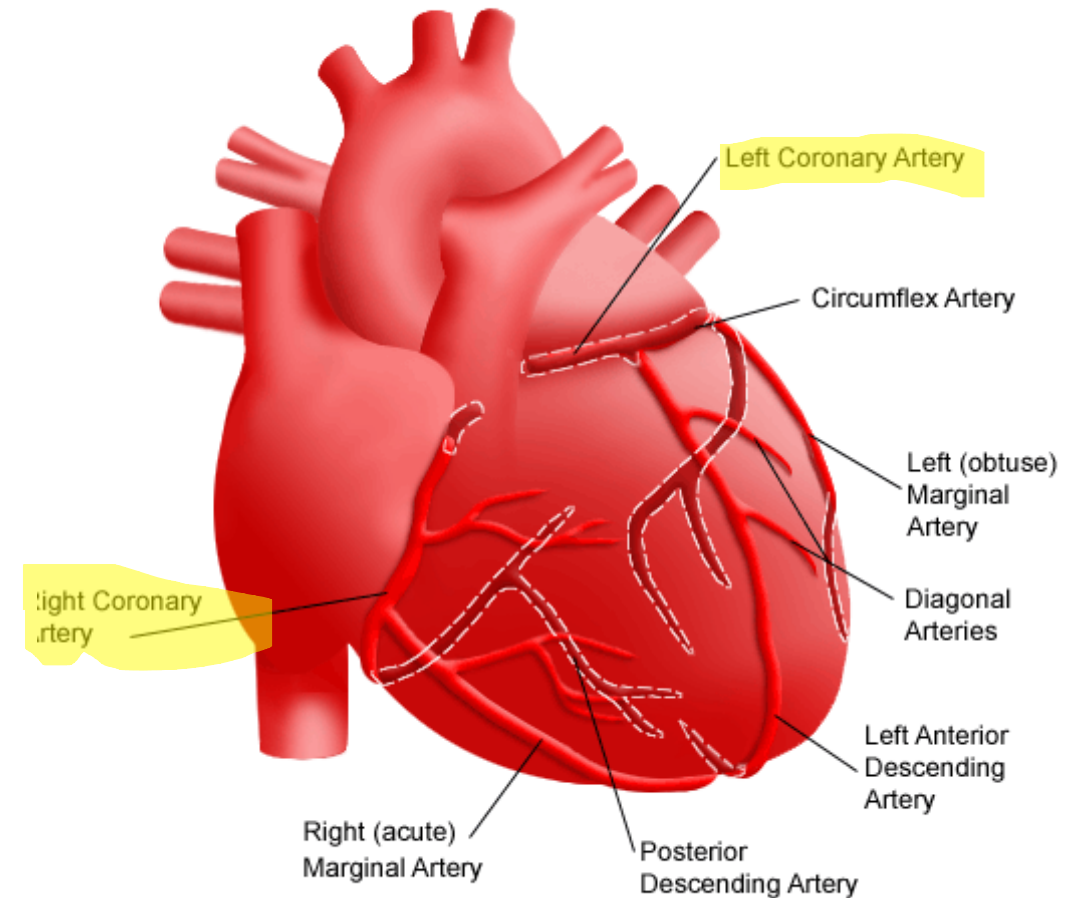


What causes a Heart Attack?

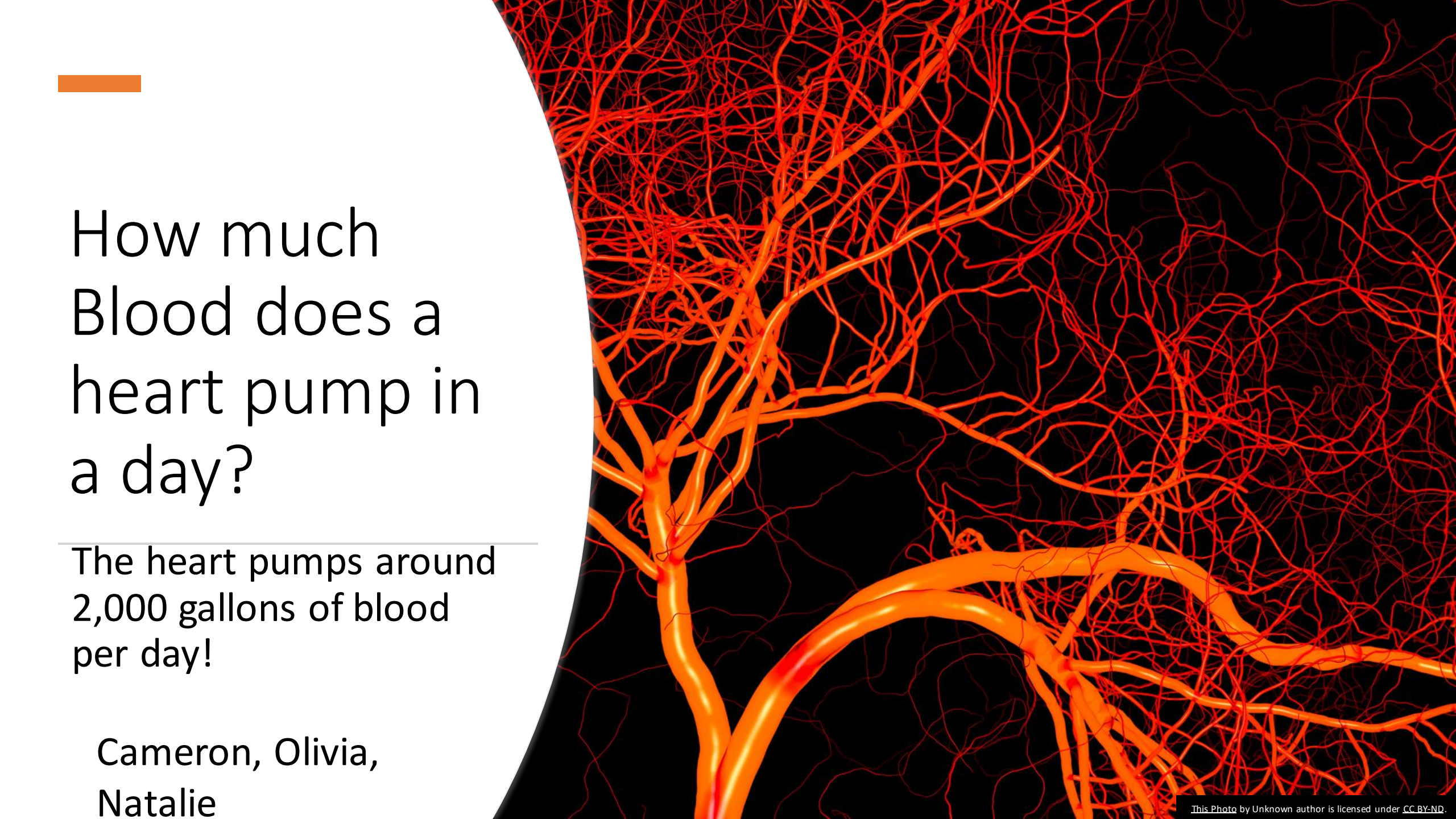
- A heart attack is caused when one or more of your coronary arteries is blocked. Over time a buildup will happen and then you will have a heart attack.

Cameron, Olivia,
Natalie

Coronary Arteries of the Heart



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How much
Blood does a
heart pump in
a day?

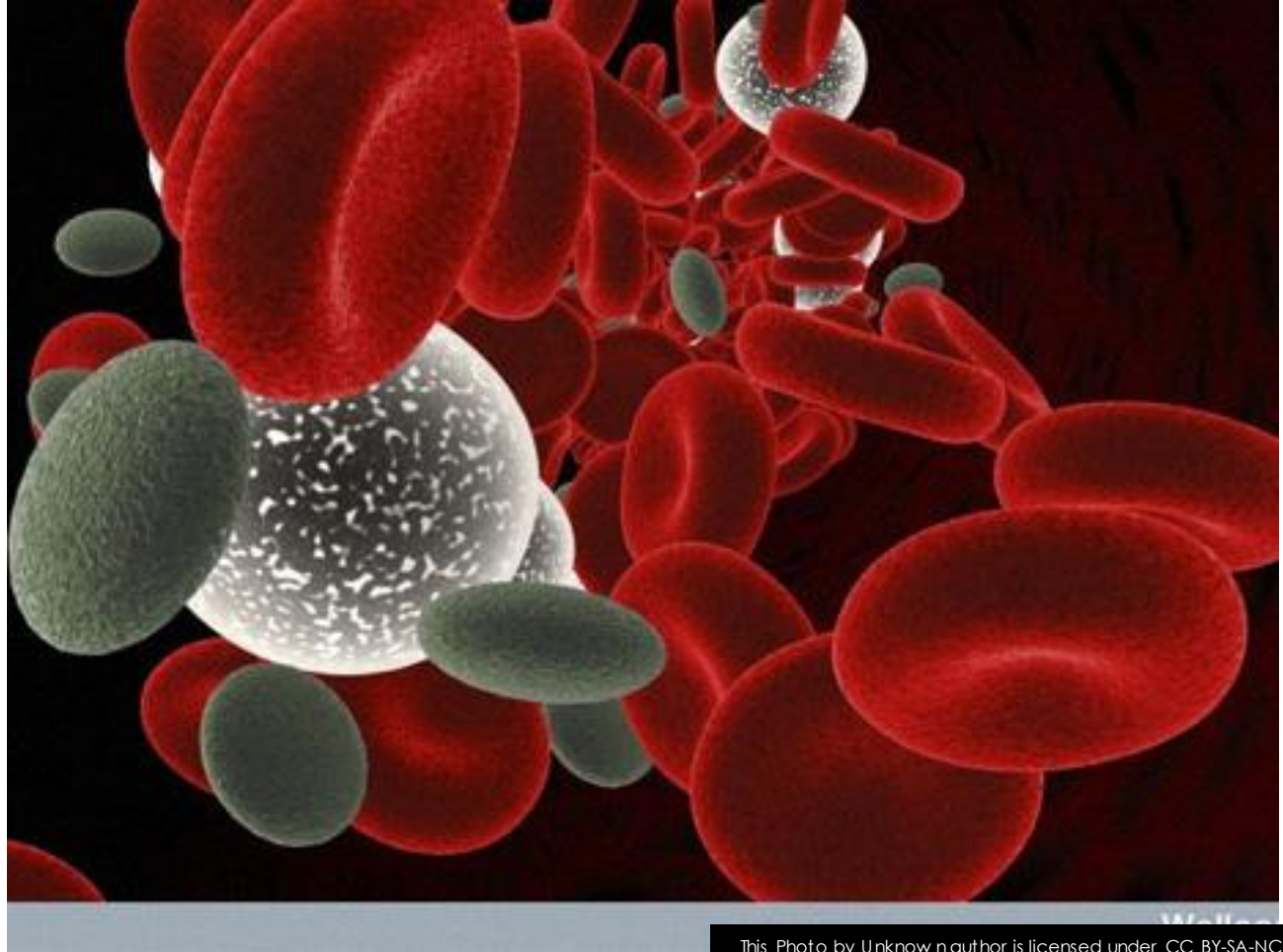
The heart pumps around
2,000 gallons of blood
per day!

Cameron, Olivia,
Natalie

HOW MUCH BLOOD DO YOU NEED TO STAY HEALTHY?

MAYA, JOSEPH, ETHAN

- ADULT= an adult body with a weight of 150- 180 pounds will contain about 4.7 to 5.5 liters of blood in their body.
- CHILD= for an 80-pound child will have about 2,650 mL of blood in their body.
- BABY= for a baby that weighs about 8 pounds, they will probably have about 270 mL of blood in their body.



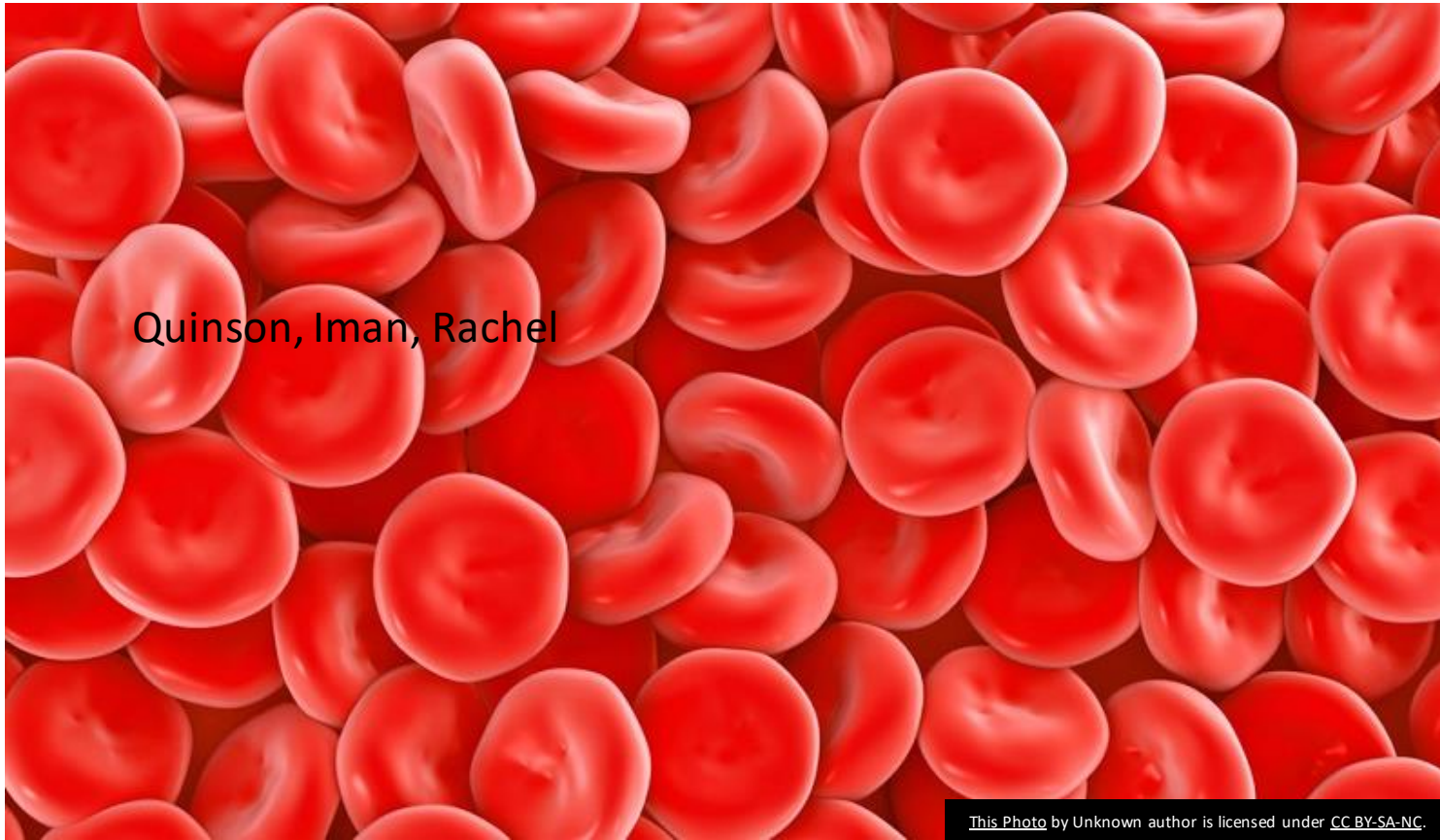
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WHAT IS THE MOST COMMON BLOOD TYPE?

The most common blood type is type O+. It is a universal blood type which means that blood donors with type O+ can have their blood given to any blood type.

| | |
|-----|-------|
| O+ | 37.4% |
| A+ | 35.7% |
| B+ | 8.5% |
| O- | 6.6% |
| A- | 6.3% |
| AB+ | 3.4% |
| B- | 1.5% |
| AB- | 0.6% |

By: Joseph, Maya and eThAn



Quinson, Iman, Rachel

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What type of blood are
you???

If your parents, blood
is: Yours might be:

A and A

A or O

A and B
or O

Any of A, B, AB,

A and AB

A, B Or AB

A and O
O

A or

B and B

B Or O

B and AB

A or B AB

B and O

B Or O

AB and AB

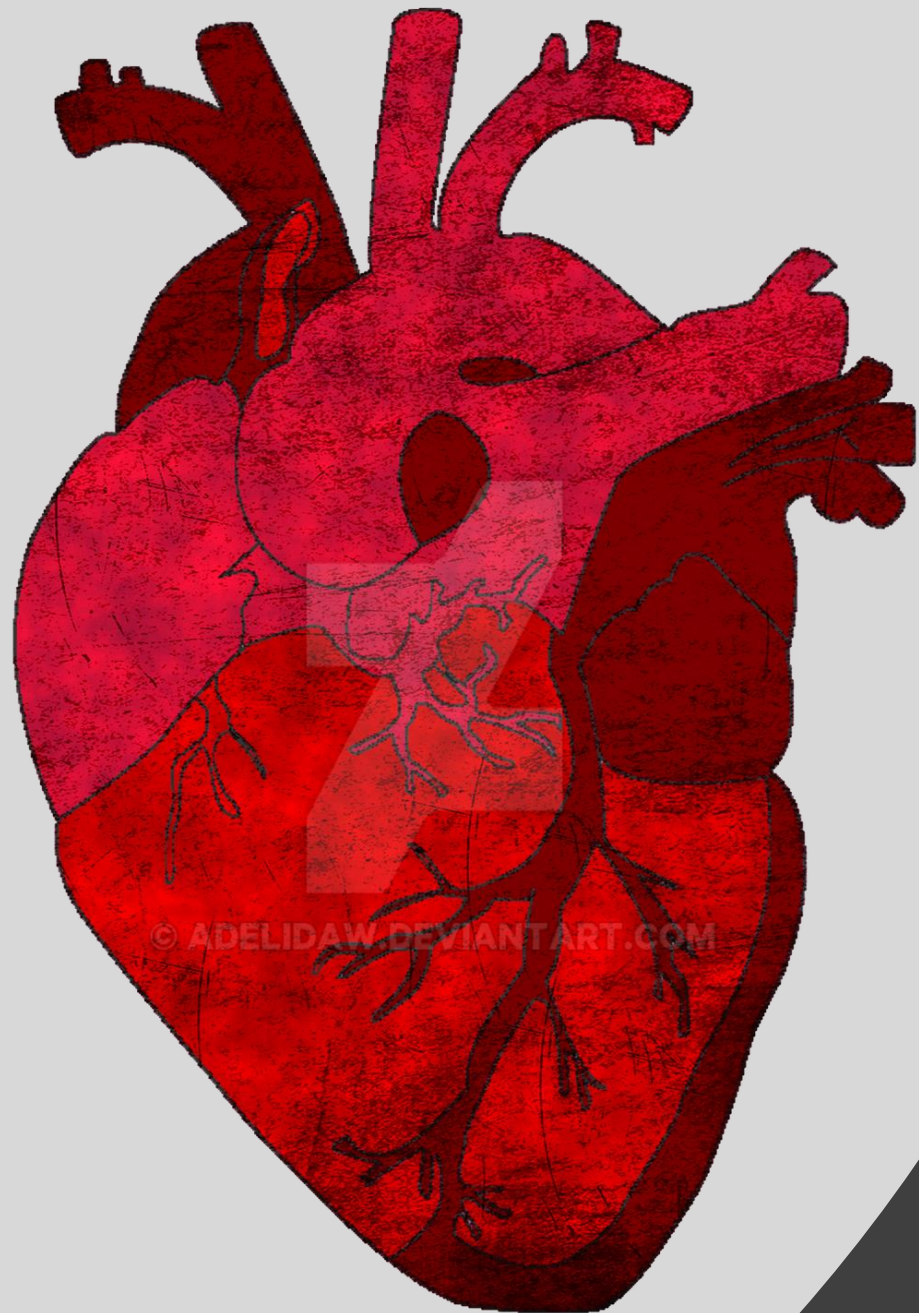
A or B or AB

AB and O

A or B

O and O

O



How much
blood does your
heart pump in
a minute?

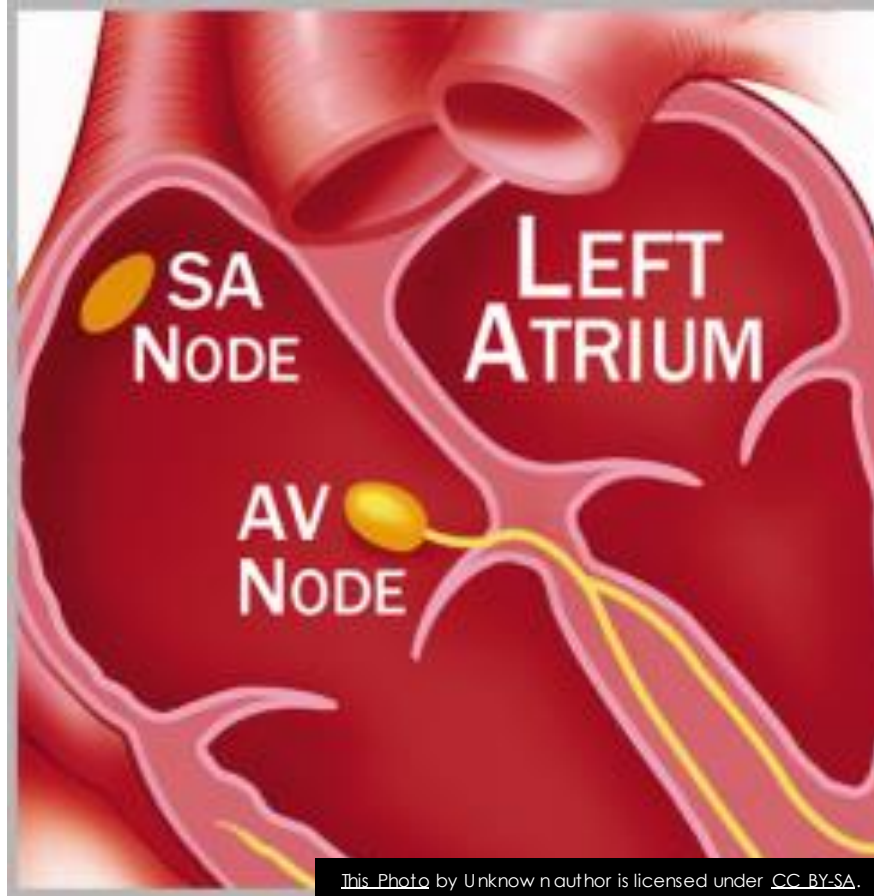
Your heart pumps about five or six
quarts of **blood** each **minute**

HOW DO BLOOD CELLS WORK??

Your blood carries oxygen to all of the cells in your body. Blood cells also control bleeding.

BY ELION, SHAYLA AND BRODIE!





WHAT IS THE LEFT ATRIUM??

THE LEFT ATRIUM IS A PART OF YOUR BODY THAT RECEIVES FRESHLY OXYGENATED BLOOD.

BY ELION, SHAYLA AND BRODIE

OLIVIA, KINGSTON, PRINCETON

- Where do hearts produce blood from?
 - Are there different types of blood cells?
 - Are hearts evolving?
 - Is your heart really the size of your fist?
 - How much blood can your heart contain?
 - How do we know what type of blood we have?
- Will anything affect your heart if your vein gets hurt?
- How long will you live if your heart gets cut?
- What will happen if you don't get enough oxygen
- What will happen if your heart gets too much blood?
- What is the most delicate organ in the body?
- What's the most expensive organ in your body?