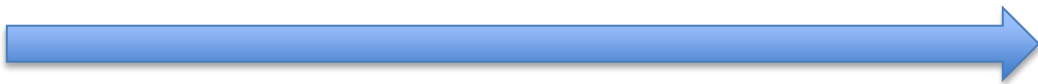


# Heart Dissection Lab Report

**PURPOSE:** We dissected a heart in order to visually understand the parts of the heart, what it's made of, how it works, and what it looks like in real life. By examining a heart we can learn many different things like for example, how all of its parts work together in order to make the circulatory system work, which is one of the most important and complex systems in our body. We can also learn how the heart complements other organs and at the same time complements itself.

## **PROCEDURE:**

1. Place the heart on the tray with its front facing upwards.
2. Observe the pericardium, and the blood vessels on top, which look like small tubes.
3. With your finger, touch the blood vessels placed on the top part of the heart. These are called the pulmonary trunk, aorta, superior vena cava, and the pulmonary vein.
4. Carefully cut around the heart until there are two pieces. On the larger piece you will be able to identify some of the parts of the body like the right and left atrium, the right and left ventricle and the septum. These will be the first you'll see.
5. Feel free to stick your finger into the blood vessels and see how they connect to different heart parts.
6. With your scissors, cut some heart muscles, and explore the valves in the blood vessels and other parts of the heart.
7. Clean up and make sure you wash all of the tools you used to help you explore the heart and the area around you so that there is no blood around the place.



**DATA:**

**RESULTS:** In this lab we had a lot of fun and we learned a lot. The hardest part was cutting around the heart because it was slippery so it was hard to hold it without it moving. Our heart was bigger than I expected it to be and it also looked like raw meat.

In my group we were able to identify two big blood vessels, like the aorta and another one which I'm not pretty sure how it is called. We also identified the atriums and the ventricles. The scissors were not very useful and we only ended up using the scalpel and our finger for everything. We were able to complete all of the steps in the procedure because we identified most of the parts of the heart and we cut the heart with no problems and without damaging anything inside it.

### **QUESTIONS:**

**CONCLUSION:** In this lab we explored the heart. Specifically, we dissected a heart, opened it and explored its different parts and functions. I really understood where the Aorta, the atriums and the ventricles are located. I also really understood the purpose of us during this lab. I am still confused about what all of the heart parts are used for and why is each one important for our hearts. This topic can be related to my life because by dissecting the heart we were able to understand how an organ is like a machine, with many different parts that work together for one purpose. The purpose of this lab was entirely achieved because we got to not only understand the heart but also to perfectly picture it in our minds and to realize that it is way more complex than what it seemed.