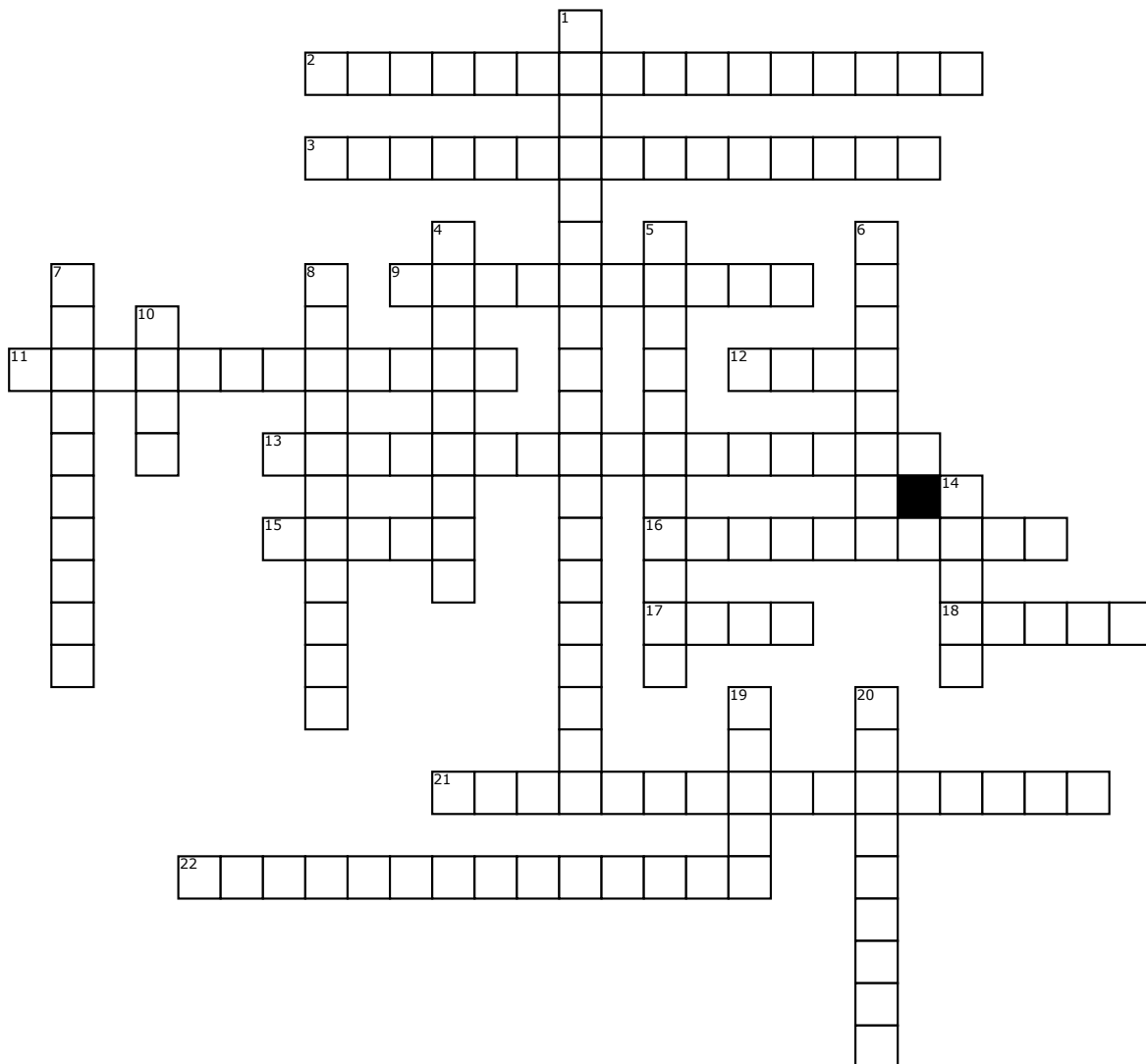


# The Cardiovascular System



## **Across**

- 2.** small muscles within the heart that anchor the heart valves  
**3.** blood direction through the rest of the body  
**9.** three half moon shaped cusps  
**11.** bacterial infection of endocardium  
**12.** top part of the heart that is broad  
**13.** when the valves become stiff  
**15.** receive blood coming into the heart

**16.** cardiac muscle, thick layer of the heart

- 17.** the pointed end of the heart that rests on the diaphragm  
**18.** muscular pump that continually replaces the cells surrounding environment so that waste can be removed and nutrients can be supplied  
**21.** blood direction towards the lungs  
**22.** What is the right AV node called?

## **Down**

**1.** outer layer of serous that forms part of pericardium

**4.** valves that act to stop blood flow back into the ventricles

- 5.** irregular heart beats  
**6.** where are the atria located  
**7.** eject blood from the heart  
**8.** space between the lungs where the heart lies  
**10.** How many hollow chambers does the heart have?  
**14.** which side of the heart receives oxygen poor blood from the veins  
**19.** how many flaps does the tricuspid valve have  
**20.** the right AV valve, consist of three flaps