Heart Structure

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  | 6  T | R | I | C | U | S | P | I | D | 7  V | A | L | V | E |  |  |  |  | O |  | U |  |
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|  |  |  |  |  |  |  |  | 8  I |  |  |  |  |  |  | T |  | V |  | 9  S |  | U |  | 10  O |  |  | R |  | I |  |
|  |  |  |  |  |  | 11  A |  | N |  |  |  |  |  |  | V |  | E |  | U |  | M |  | X |  |  | Y |  | N |  |
|  | 12  M |  |  |  |  | O |  | F |  |  |  |  | 13  R |  | E |  | S |  | P |  |  |  | Y |  |  | V |  | J |  |
|  | I |  |  |  | 14  A | R | T | E | R | Y |  |  | I |  | N |  |  | 15  D | E | O | X | Y | G | E | N | A | T | E | D |
|  | T |  |  |  |  | T |  | R |  |  |  |  | G |  | T |  |  |  | R |  |  |  | E |  |  | L |  | F |  |
|  | R |  |  | 16  A |  | A |  | I |  | 17  V |  |  | H |  | R |  | 18  C |  | I |  |  |  | N |  |  | V |  | I |  |
|  | A |  |  | O |  |  |  | O |  | E |  |  | T |  | I |  | E |  | O |  |  |  | A |  |  | E |  | B |  |
|  | L |  |  | R |  | 19  C | A | R | D | I | O | V | A | S | C | U | L | A | R | S | Y | S | T | E | M |  |  | E |  |
|  | V |  |  | T |  |  |  | V |  | N |  |  | T |  | L |  | L |  | V |  |  |  | E |  |  |  |  | R |  |
|  | L |  | 20  T | I | S | S | U | E | S |  |  |  | R |  | E |  | S |  | E |  |  |  | D |  |  | 21  L |  | S |  |
|  | A |  |  | C |  |  |  | N |  |  |  |  | I |  |  |  |  |  | N |  |  |  |  |  |  | E |  |  |  |
|  | V |  |  | V |  |  |  | A |  |  |  |  | U |  |  |  |  |  | A |  |  |  |  |  |  | F |  |  |  |
|  | E |  |  | A |  |  |  | C |  | 22  P | U | L | M | O | N | A | R | Y | C | I | R | C | U | L | A | T | I | O | N |
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|  |  |  |  | V |  |  |  | V |  | 23  P | U | L | M | O | N | A | R | Y | V | E | I | N |  | 24  A | P | E | X |  |  |
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| --- | --- |
| **Across**  **2.** In a diagram, the top right chamber  **6.** Also called the atrioventricular valve  **14.** I take blood away from the heart to the parts of the body that need oxygen.  **15.** When the blood is not carrying oxygen it is called:  **19.** This system is made of the heart, veins, and arteries  **20.** Together they make up organs, but are made out of cells with the same purpose.  **22.** The heart pumps blood to the body reaching the toes and fingers. This is called:\_\_\_\_\_\_\_\_  **23.** Takes oxygenated blood from the lungs to the heart to be pumped to the rest of the body  **24.** The lower tip of the hear formed by the left ventricle  **25.** The artery that takes the blood from the heart to the lungs to get oxygen.  **26.** A teeny tiny blood vessel | **Down**  **1.** Also called the pulmonic valve  **3.** In a diagram, bottom left ventrice  **4.** The walls that divide the heart into chambers  **5.** the electrical work of the heart  **7.** These control and regulate the motion of blood while inside the heart  **8.** The large vein inferior to the heart  **9.** I am the large vein that takes in blood from the superior part of the body  **10.** When the blood carries oxygen it is called  **11.** The large artery superior to the rest of the heart  **12.** Regulates blood flow from the left atrium to the left ventricle  **13.** In a diagram, the top left chamber  **16.** This valve lies between the left ventricle and the aorta  **17.** I take blood towards the heart.  **18.** I contain organelles, and sometimes a nucleus, or several!  **21.** In a diagram, bottom right chamber |

   Tissues       Cells       CardiovascularSystem       Pulmonary Circulation       Vein       Artery       Capillary       Pulmonary Artery       Pulmonary Vein       Aorta       Superior Vena Cava       Inferior Vena Cava       Valves       Tricuspid Valve       Mitral Vlave       Pulmonary Valve       Aortic Valve       Oxygenated       deoxygenated       Right Atrium       Left Atrium       Left Ventricle       Right Ventricle       Purkinje Fibers       Apex       Septum