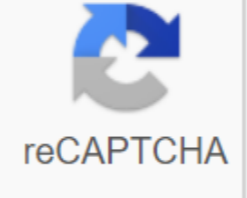




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Label the heart ppt

Keine Notizen für die Folie 1
REVIEW: LABELED HEART DIAGRAM
aorta pulmonary artery left ventricle left ventricle septum superior vena cava right atrium inferior vena cava right ventricle tricuspid valve pulmonary valve mitral valve aortic valve
REVIEW: TAGGED HEART DIAGRAM Full labeling of the heart February 7/8/11
2 The Heart Beat Systole - Heart Pumping Blood, Contracting musculature in the ventricles of the body or lungs
Diastole - Heart relaxing atrium fill with blood
Review the Heart Beat before the blood flow How can the heart control normal activity?
3 Ecg (or ECG) Electrocardiogram Measures for electricity passing through the heart at a given time Can be used to diagnose heart disease Each stage of the ECG shows a specific event happening in the heart. To conclude by measuring cardiac activity
4 P wave following ECG = atrial contractions P wave = atrium contraction QRS peak = ventricular contraction T wave = restoration of cardiac systole diastole
5 Circulation Through the Heart Review blood flow pathways in the heart, and students can be tracked by pencil.
6 Two circulatory pathways Head and arm Caklápial-váparisa Kshot Superior vena cava Pulmonary artery Aorta PULMONARY CIRCULATION Capillaries of the right lung of the left lung Capillaries The entire loops of the left lung from the heart systemic circulation Inferior vena cava Capillaries of the abdominal organs and legs
7 Blood vessels
8 Structure of blood vessels Art venous capillary connective tissue Smooth muscle Endothelium Valve Venule Arteriole structural layers, differences
9 Cross section through ErekKereszt sections
10 Arteries carry oxygen-rich blood away from the heart tissues of the body. Arteries carry a large amount of blood, which is under a lot of pressure from the beating of the heart, they are wide and thick. The capillaries are very narrow... they're just cell-wide. These very thin walls are made of overlapping flat cells called endothelium; the walls are thin, so oxygen and carbon dioxide can easily pass through them. The veins bring oxygen-poor blood back to the heart. In the capillaries, the de-oxygenated, waste-laden blood passes into the veins to make way back to the heart. Veins contain one-way valves to keep blood flowing towards the heart. Functions repeated
11 Blood pressure (BP) What is it? The strength of blood on the walls of the arteries. Blood pressure is recorded as two numbers, written as a ratio. For example, the 120/80 Mm Hg Upper number is SYSTOLIC BP, pressure in the arteries when the heart contracts. Lower number diastolic BP, pressure in the arteries when the heart rests
Type BP /
8/11 12 Blood pressure versus Heart Rate The number of times the heart beats per minute; pulse. There is no good connection between heart rate and Pressure. For cardiovascular health, know that BP! Emphasis on differences
8/11 In this interactive, you can tag parts of the human heart. Drag text labels to the fields next to the chart. Selecting or pointing to a field highlights areas of the chart. In this interactive, you can label parts of the human heart. Drag the text labels to the boxes next to the heart chart. If you want to enter the answer, click the field and the response will go back to the top so you can move it to another box. If you want to check the answers, use the Reset incorrect button. This only restores the incorrect answers. If you're satisfied with your selection, you can check them by using the Check Responses button. You can use Restore All to practice from the beginning. Selecting or pointing to a field highlights areas of the chart. To see the interactive function optimally, see the screen's default zoom setting (100%) and browser window view. Parts of the Heart Tags Description Vena cava carries oxygen-free blood from the body of the heart into crescent valve wings that prevent backflow of blood from left atrium to get oxygenated blood from the lungs Left ventricle region of the heart, that pumps oxygenated blood into the body Pulmonary artery Carries oxygenated blood from the lung right ventricle region Of the heart, that pumps oxygen-free blood into the lungs Lung vein carries oxygenated blood from the lungs Right atrium segment of the heart to receive oxygen-free blood Aorta The main artery carrying oxygenated blood from each part of the body FreeHeart Powerpoint presenting labeling heart sheet Free page Fill in the gap and summary sheet Can more Report the problem