

Circulatory System



Artery and Vein Arteries look hollow and round and have thick walls. The thick walls have layers of muscles for moving blood through the body. Veins have thinner walls than arteries. Arteries carry blood away from the heart. Veins carry blood toward the heart.

Blood The tiny red dots you see on the slide are red blood cells. The purple blobs are the nuclei of white blood cells. Red blood cells are tiny enough to fit into the smallest blood vessels. Red blood cells carry oxygen to body cells. White blood cells help your body fight diseases.

Heart The muscle fibers you see are cardiac muscles. They are from the heart. The heart is a strong muscle that pumps constantly without your thinking about it. It pumps blood to the lungs to collect oxygen and get rid of carbon dioxide. It pumps blood throughout the body to deliver oxygen to body cells and collect wastes.