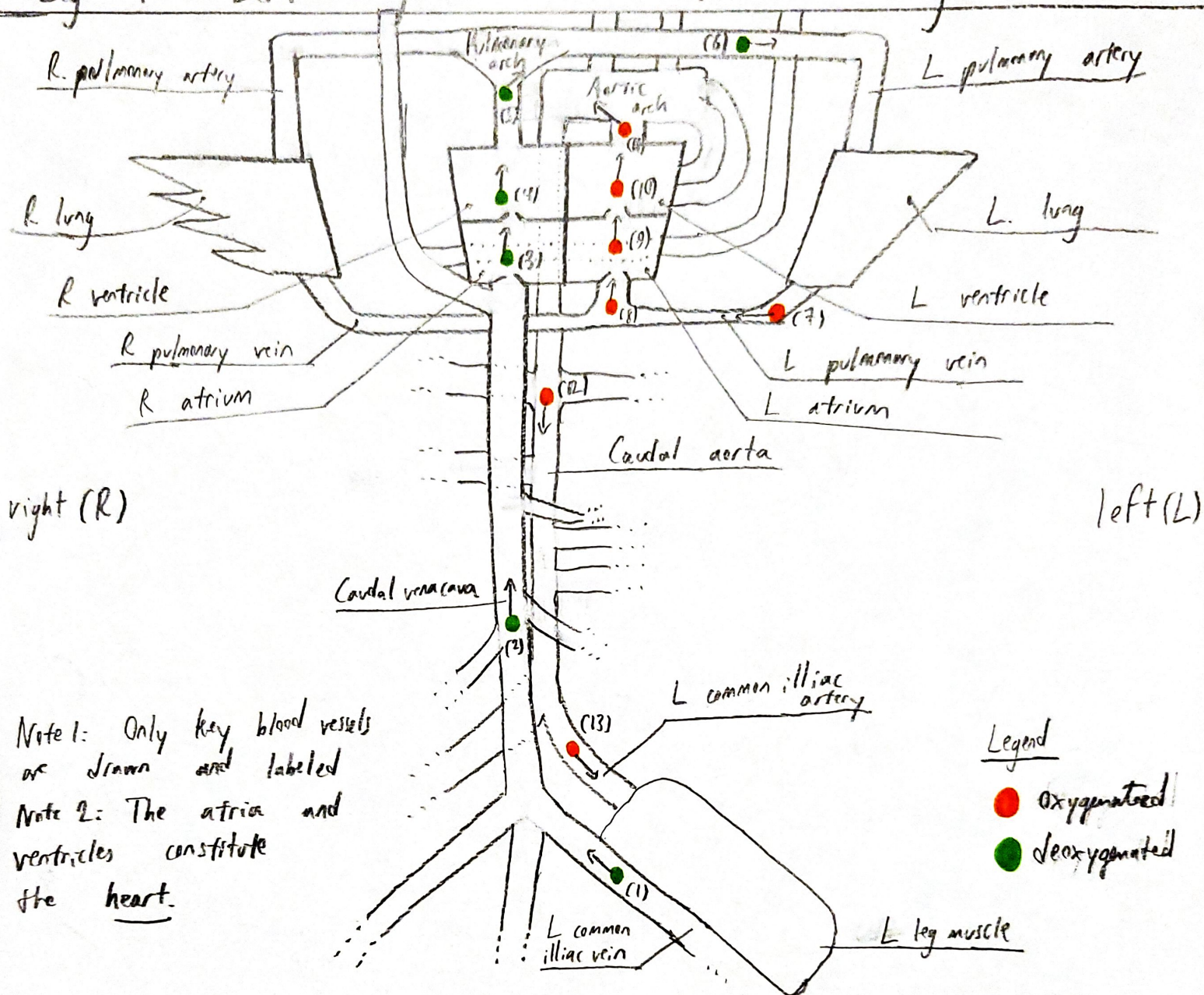


Figure 1: Path of Deoxygenated red Blood Cell from Left Leg to Left Lung and Back to Left Leg



Note 1: Only key blood vessels are drawn and labeled  
 Note 2: The atria and ventricles constitute the heart.

(1) The deoxygenated red blood cell (dORBC) is carried from the left (L) leg muscle by the L common iliac vein. (2) The dORBC passes through the caudal vena cava. (3, 4, 5, 6) The dORBC enters the heart through the R atrium, passes through the right ventricle into the pulmonary arch, where it so happens to enter the L lung via the L pulmonary artery. (7, 8) The dORBC is oxygenated by the L lung, becoming an oxygenated red blood cell, and is returned to the R atrium via the L pulmonary vein. (9, 10, 11) The ORBC passes through the L atrium, L ventricle, and aortic arch. (12, 13) It so happens that the ORBC is sent down the caudal aorta and the L common iliac artery, where it is finally returned to the L leg muscle.