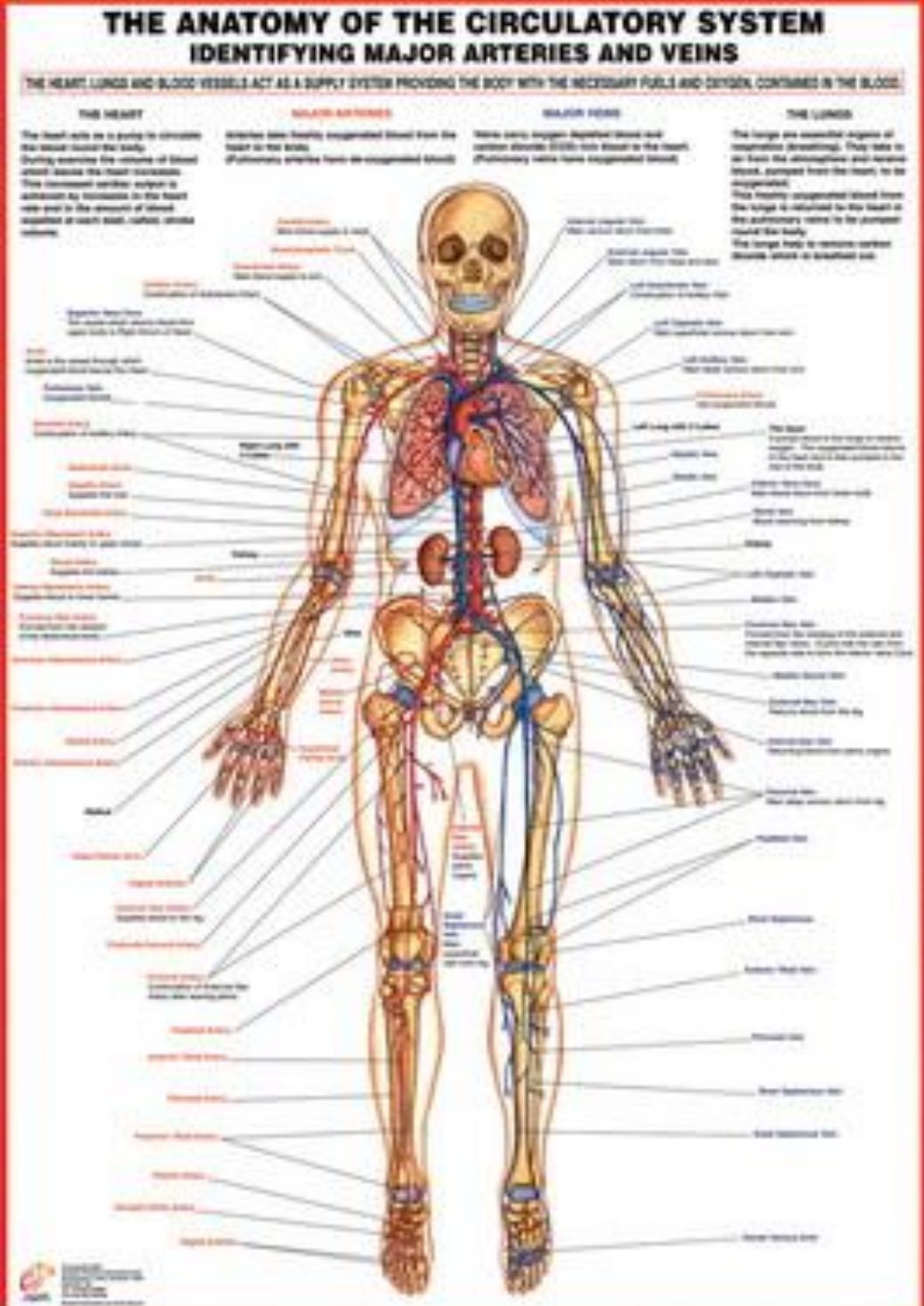


## Anatomy of Circulatory System Chart– CT077

<p><b>Description</b></p>	<p>◆ This chart is illustrated in full colour, laminated and shows how the heart, lungs and blood vessels act as a supply system providing the body with necessary fuels and oxygen contained in the blood. All the major arteries and veins are clearly shown and named making this chart a valuable reference source for schools and colleges as well as students studying anatomy and physiology.</p>
<p><b>Details</b></p>	<p>1. Dimension: A1 Size</p>
<p><b>Image</b></p>	 <p><b>THE ANATOMY OF THE CIRCULATORY SYSTEM</b> <b>IDENTIFYING MAJOR ARTERIES AND VEINS</b></p> <p>THE HEART, LUNGS AND BLOOD VESSELS ACT AS A SUPPLY SYSTEM PROVIDING THE BODY WITH THE NECESSARY FUELS AND OXYGEN CONTAINED IN THE BLOOD.</p> <p><b>THE HEART</b> The heart acts as a pump to circulate the blood round the body. During exercise the volume of blood pumped increases. This movement enables oxygen to be delivered to muscles in the heart and rest in the amount of blood pumped at each beat, called stroke volume.</p> <p><b>MAJOR ARTERIES</b> Arteries take freshly oxygenated blood from the heart to the body. (Pulmonary arteries have de-oxygenated blood)</p> <p><b>MAJOR VEINS</b> Veins carry oxygen depleted blood and carbon dioxide (CO<sub>2</sub>) rich blood to the heart. (Pulmonary veins have oxygenated blood)</p> <p><b>THE LUNGS</b> The lungs are essential organs of respiration (breathing). They take in air from the atmosphere and remove carbon dioxide from the body to be exhaled. This freshly oxygenated blood from the lungs is returned to the heart in the pulmonary veins to be pumped round the body. The lungs help to remove carbon dioxide which is exhaled out.</p>