

Human Heart

The human heart is an organ that pumps blood throughout the body via the vessels of the circulatory system, supplying oxygen and nutrients to the tissues and removing carbon dioxide and other wastage. Human heart is myogenic, its mean human heart beats itself. The adult human heart weighs around 250-350 g. It is located in the front of your chest. It sits slightly behind and to the left of your sternum (breastbone) and ribcage protects heart. Generally human heart beats 72 times per minute. Beating of heart for 72 times per minute is called heart rate.

Human heart is made up of four chambers. Two atria (right atrium and left atrium) and two ventricles (right ventricle and left ventricle), junction between atrium and ventricle called atrioventricular junction, there are two atrioventricular junctions in heart, one is right atrioventricular junction and another is left atrioventricular junction.

Heart valves

Tricuspid valve: It lies between right atrium and right ventricle, tricuspid valve consists of three thin flaps of tissue (called cusps). These valve flaps open to let blood flow from the upper right chamber (right atrium) to the lower right chamber (right ventricle).

Bicuspid valve: It lies between left atrium and left ventricle, bicuspid valve also known as mitral valve that has two flaps (cusps) instead of three. These valve flaps open to let blood flow from the upper left chamber (left atrium) to lower left chamber (left ventricle).