



## الموضوع الرئيسي

The heart and roots of the great vessels within the pericardial sac are related anteriorly to the sternum, costal cartilages, and the medial ends of the 3rd to 5th ribs on the left side.

The apex of the heart is located posterior to the left 5th intercostal space in adults, usually 9 cm from the median plane.

The location of the apex beat (mitral area) varies in position; it may be located in the 4th or 5th intercostal spaces, 6–10 cm from the midline of the thorax. Below and medial to the left nipple

The base of the heart Faces posteriorly toward the bodies of vertebrae T6–T9