



C.V.S. 5 Cardiomegaly :

Gross :

1. Given specimen is of human heart which is **enlarged with smooth glistening surface**, firm without any discolorations or adhesions or haemorrhages over its surface.
2. Right and left **ventricular wall thickness is more** . (normal thickness of right ventricle is 3-5 mm and that of left ventricle is 15-20 mm) .
3. length and width of heart are also more than normal. (the normal heart length and width are 12 cm and 8.5 cm). However there are no blood clots.

MLI :

1. Cardiomegaly can be attributed to pre existing conditions like diabetes mellitus, obesity, congenital heart disease.
2. It is condition which can be seen in **chronic cocaine drug addicts, Amphetamines and its derivatives and androgenic anabolic steroids** are known to cause cardiac hypertrophy.