



C.V.S. 7 Haemorrhagic contusion of left ventricle

Gross :

1. Given specimen is of human heart which is normal in size and shape with smooth surface.
2. There is presence of **bluish black haemorrhagic contusion over anterior surface of left ventricle.**
3. It is seen over localised area of sub epicardium. There are no blood clots or thrombus formation seen.

MLI :

1. Contusions of the heart may be caused by **direct violence on the chest or by compression of thorax**, or when a driver is forcibly thrown against the steering wheel.
2. This may or may not be associated with external injury or fracture of the ribs or sternum.
3. Most common causes are car accidents, fall from height and CPR injuries.
4. Contusions may cause **sudden death from ventricular fibrillation, or they may cause progressive circulatory failure and death after few hours or days.**