

D12 – ANEURYSMS OF HEART WITH MURAL THROMBUS



HISTORY:- A man aged 55 years died suddenly with a history of severe pain in the chest. He had similar attacks previously.

GROSS APPEARANCE:- Specimen of heart, moderately enlarged, the pericardium is opaque at places. The apical area of the heart shows dense adhesion with significant bulging. The cut section through the left ventricle shows markedly hypertrophic myocardium. There is a sudden thinning out of the wall in the apical area. Myocardium is replaced by fibrous tissue. This cavity shows mural thrombosis of a very large size. The surface of the thrombus shows very distinct ridges. The thrombus shows multiple layers adhering to the thin walled bulged cavity. The thickness of the wall of the cavity is less than 4 mm.

DIAGNOSIS:- Aneurysm of the heart with well formed mural thrombus (A complication of healed myocardial infarction).