

CODE: T3301 M5472/5

ID NOS: 31138 A6226

DIAGNOSIS: HEART - RUPTURED INTERVENTRICULAR SEPTUM FOLLOWING MYOCARDIAL INFARCTION.

CLINICAL HISTORY: M/58. One week before coming to hospital, this patient complained of sudden precordial pain which radiated to the left shoulder. He was found to be hypotensive and there was a loud apical systolic murmur. He died 8 days later of intractable cardiac failure.

MACROSCOPIC: White arrows indicate a ragged tear in the antero-inferior portion of the interventricular septum. The lower third of the latter is pale and thinned and the nearby anterior wall and apex of the left ventricle are similarly affected. A dark thrombus is seen to occlude the descending branch of the left coronary artery.

MICROSCOPIC: The section of heart shows necrosis of the infarcted myocardium (left image). The section of liver shows recent extensive centrilobular necrosis, reflecting the hypotension detected clinically (right image).

