

**CODE:** T71000 M15600

**ID NOS:** H379966 179861

**DIAGNOSIS:** KIDNEY – TRANSPLANT WITH VENOUS CONGESTION

**CLINICAL HISTORY:** F/age unknown. This patient had a renal transplant which was removed after 24 hours. There was absent perfusion on scan. The renal artery appeared patent, but there was no venous flow.

**MACROSCOPIC:** When received the kidney weighed 196g. The upper pole showed bluish discoloration and the renal capsule was distended. The cut surface appeared uniformly congested, a small amount of blood was present in the renal pelvis, and an area of haemorrhagic mucosa is present.

**MICROSCOPIC:** The sections show intense congestion of the glomeruli and blood vessels (left image). The tubular epithelium show vacuolar change and hyaline droplet formation. Some small arteries and arterioles show eosinophilic PAS positive material (right image PAS stain). However there is no evidence of fibrinoid change, inflammation, thrombosis or infarction.

