

**CODE:** T7112 M5455/1

**ID NOS:** HX1936 A11457

**DIAGNOSIS:** KIDNEY - PAPILLARY NECROSIS.

**CLINICAL HISTORY:** M/55. Nine months before death, this patient had a carcinoma of the anus resected. Subsequently a perineal urinary fistula and renal tract infection developed. He developed acute urinary retention and died from hypertensive cardiac failure shortly after his final admission to hospital. The cause of urinary retention was not established at autopsy.

**MACROSCOPIC:** The kidney is enlarged and the capsular surface is mottled and dark. The cut surface shows some blurring of the cortico-medullary architecture. The papillae are pale and some necrotic portions are clearly demarcated from the surviving renal tissue.

**MICROSCOPIC:** The pale acellular necrotic papilla has almost sloughed off (lower left image). There are contracted glomeruli, patchy interstitial fibrosis, a patchy mixed inflammatory cell infiltrate and vascular changes of hypertension (right image).

