

CODE: T7100 M8313/15

ID NOS: 352795 187087

DIAGNOSIS: KIDNEY – RENAL CELL CARCINOMA EXTENDING INTO INFERIOR VENA CAVA.

CLINICAL HISTORY: M/62. The patient was known to have non-insulin dependent diabetes. He presented with a two week history of sudden onset macroscopic haematuria with clots and left sided varicocoele. A CT scan showed a left renal tumour. At operation, the tumour was found to extend into the renal vein and inferior vena cava, and up to the right atrium and superior vena cava.

MACROSCOPIC: The specimen consists of the left kidney, two renal arteries and renal vein. In the mid portion of the kidney there is an irregular pale tumour 60x60x30mm which distends the renal capsule. The tumour extends into the renal vein forming a tumour thrombus. There is patchy infarction of the upper pole of the kidney.

MICROSCOPIC: Sections show tumour within the renal vein (left image). The tumour is a renal cell carcinoma of clear cell type, nuclear grade 2. (right image).

