

**CODE:** T7300 M2810/1

**ID NOS:** H329414 94831

**DIAGNOSIS:** URETER - CONGENITAL DUPLICATION.

**CLINICAL HISTORY:** M. The patient gave a long history of urinary frequency and of severe pain in the right loin associated with rigors. An intravenous pyelogram showed a non functioning right kidney and a stone in the renal pelvis whilst retrograde pyelogram demonstrated a double ureter on that side. Nephroureterectomy was performed.

**MACROSCOPIC:** There is duplication of the ureter for the first 10cm of its length. The lower two thirds of the kidney has almost completely atrophied, the upper third being less affected by the change. A calculus was present in one of the calyces.

**MICROSCOPIC:** A section from the lower pole of the kidney shows almost complete obliteration of normal renal architecture with disappearance of glomeruli. Most tubules contain eosinophilic hyaline casts giving a fanciful likeness to thyroid tissue.

