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CASE REPORT

# A Huge Chromophobe Renal Cell Carcinoma

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## Abstract

We report the clinical case of a 32-year-old female with no underlying disease who underwent in our structure a nephrectomy for a huge renal tumor. The histopathological finding revealed a chromophobe cell carcinoma and the evolution was favorable with no recurrence or metastasis.

## Keywords

Huge tumor, Chromophobe carcinoma, Kidney

Chromophobe renal cell carcinoma accounts for 3.6 to 10.4% of renal cancers and corresponds to the third histological subtype in frequency, after clear cell carcinoma and papillary carcinoma. It has a good prognosis, it is most often limited to the kidney and has low grade nuclear [1,2].

We report the clinical case of a 32-year-old female with no underlying disease, admitted for management of isolated flank pain. Physical examination revealed right lumbar contact. An abdominal computed tomography (CT) showed a voluminous right renal tumor process (approximately 20 cm × 16 cm × 13.5 cm) with heterogeneous enhancement. There were no thrombi in the left renal vein .The patient underwent right radical nephrectomy through transperitoneal laparotomy and the exploration revealed a huge kidney tumor,which adherence was mild and it was removed surgically en bloc. The surgery took less than 2 hours, and the blood loss was 800 mL. The histopathological study was in favor of chromophobe carcinoma of the kidney, pT2 (TNM 1997), a grade 2 nuclear furhman grading (Figure 1).

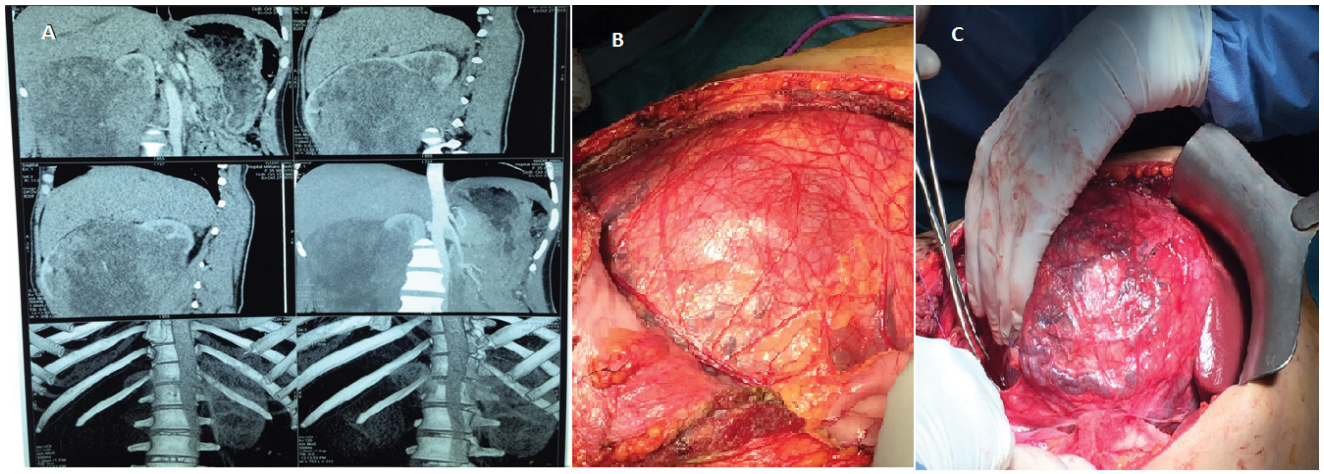


**Figure 1:** A) CT sections showing a large heterogeneous tumor mass depending on the right kidney. (B and C) Intraoperative images showing a huge encapsulated right renal tumor occupying the right hypochondrium.

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There has been no recurrence or metastasis so far (12 months after surgery) and no adjuvant therapy was realized.

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