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Skull metastasis revealing a renal tumor: a case report and review of the literature

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Highlights

- Skull metastases are rare forms of manifestations of renal tumors
- Any unusual lesion of the skull should be thoroughly evaluated whether the patient has a prior history of cancer or not.
- Treatment of metastatic renal cell carcinoma is complex, and the optimal regimen for achieving a lasting response without severe toxicity has not yet been defined

Abstract:

Background: Renal cell carcinomas represent 85% of malignant renal tumors. Typically, the tumor remains asymptomatic a long time before the appearance of urologic clinical signs. In some cases, metastasis can precede the manifestations of the primary tumor. Different sites are potential metastatic localizations for renal tumors, including skull metastases who represent a very rare location.

Case description: We report the case of a 65-year-old man presented after the appearance of a skull mass. This tumefaction developed and had progressively grown up during 9 months. Neurological examination was normal. Brain imaging showed a soft tissue lesion in the left parietal bone with marked osteolysis. Peroperative was found a huge oval-shape hemorrhagic and firm mass associated with scalp invasion and bone destruction that was totally resected. Histopathology revealed renal cell carcinoma (RCC). Pelvic and abdominal CT scan was performed, revealing a large mass on the left kidney with irregular contours and

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