



# Images in medicine

## Intraperitoneal recurrence of renal haemangiopericytoma

Fatima Zahra El M'rabet<sup>1,&</sup>, Meryem Azegrar<sup>1</sup>

<sup>1</sup>Department of Medical Oncology, University Hospital Hassan II, Fes, Morocco

<sup>&</sup>Corresponding author: Fatima Zahra El M'rabet, Department of Medical Oncology, University Hospital Hassan II, Fes, Morocco

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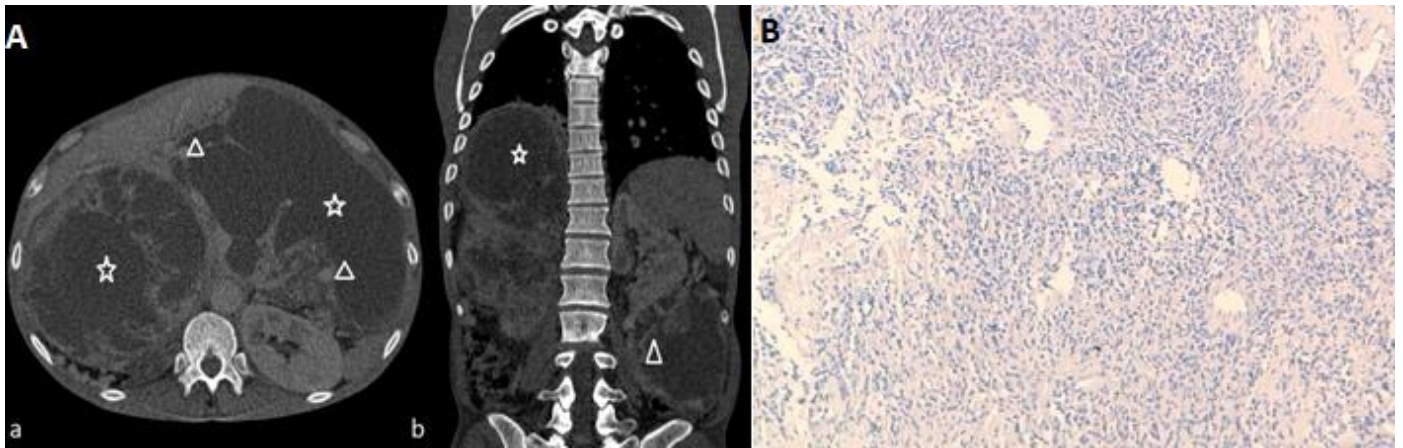
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We describe a case of a 53 years old patient who underwent right nephrectomy for a renal tumor in 2005. The histological examination revealed an hemangiopericytoma with graveness signs. Ten years later, the patient developed a huge abdominal mass. CT scan showed a voluminous locally advanced tumor measuring 30\*20 cm. The mass was multilobed and hypervascularized (A) Witch was compatible with a hemangiopericytoma. The biopsy confirmed the

recurrence of the hemangiopericytoma (B). The patient received a palliative chemotherapy taking into consideration local and metastatic extension. Hemangiopericytoma is a rare vascular tumor that emerges from Zimmerman perocytes. Usually it's a voluminous asymptomatic mass with variable malignancy potential, and no specified clinical or radiological aspects. The standard of care is surgery and it should be suggested even for recurrences, the management of locally advanced and metastatic disease consists on palliative chemotherapy for sarcoma and should be discussed in a pluridisciplinary reunion.



**Figure 1:** axial (a) and coronal (b) scannographic cuts showing an abdominal solidcystic tumor (star) occupying the right nephrectomy space and peritoneum: the mass features a significant angiogenesis in portal phase (A); (B) variable proliferation density of spindle shaped cells disposing in short fascicles within a collagenous matrix; the vascularization is hemangiopericyclic (HES X 20)