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Pheochromocytoma with delayed tumor thrombus detection in renal vein: A case report

Jia Z *et al.* Pheochromocytoma with delayed tumor thrombus

Zhuo Jia, Bao-Jun Wang, Xing Li, Xu Zhang

Abstract

BACKGROUND

Pheochromocytomas with inferior vena cava (IVC) or renal vein tumor thrombus are rare. Surgical management is the first choice.

CASE SUMMARY

We presented a 42-year-old man with adrenal pheochromocytoma and delayed tumor thrombus detection in the renal vein at the entrance of the IVC three months after adrenalectomy. We performed laparoscopic adrenalectomy for the first surgery and robot-assisted laparoscopic nephrectomy and resection of tumor thrombus for the second surgery.

Match Overview

1	Crossref 63 words Baojun Wang, Hongzhao Li, Xin Ma, Xu Zhang, Liangyou Gu, Xintao Li, Yang Fan, Yu Gao, Kan Liu, Jie Zhu. "Robot-as	4%
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Two aspects render our case unusual: 1) the coexistence of pheochromocytoma with IVC thrombosis 2) Though there are case reports citing the association between malignant pheochromocytoma and IVC thrombus,[7,8] to our sincere belief, this is the first such report citing this ...

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From the **case report** and literature review, the authors suggest a diagnostic and therapeutic strategy for the management of ectopic localization of **pheochromocytoma**. Introduction **Pheochromocytoma** is a neuroendocrine **tumor** that usually develops upon the chromaffin cells of the adrenal medulla.

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Pheochromocytoma is known to be associated with **vascular abnormalities**. Though **cases** of **renal artery stenosis**, **renal artery aneurysm** and inferior **vena cava thrombosis** have been described, we found the uncommon association with **IVC thrombosis** in an Indian patient. **IVC thrombosis** is associated with a significant acute and chronic morbidity.



Pheochromocytoma with delayed tumor thrombus



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