

## Documents

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**Adrenal Cavernous Hemangioma: A Rare Incidental Finding from A Routine Ultrasound Assessment**  
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### Abstract

Cavernous hemangioma of the adrenal gland is a very rare benign vascular tumour. Its rarity and non-specific presentation pose a challenge to the radiologists and surgeons in making the correct diagnosis. We report a case of adrenal cavernous hemangioma in a 76 years old gentleman, in which a large heterogeneous mass was incidentally found at his left hypochondriac region during a routine KUB and prostate ultrasound assessment for benign prostatic hyperplasia. A multiphasic CT study performed and revealed a large mass with a maximum diameter of 18 cm occupying the left suprarenal area. Considering the large size of the left suprarenal mass with mass effect to the surrounding structures, the patient undergone left adrenalectomy. His final histopathological diagnosis revealed a cavernous hemangioma. This case highlighted literature review and role of imaging in this extremely rare benign tumour as one of the differential diagnosis of an adrenal incidentaloma. © (2023), (International Islamic University Malaysia). All Rights Reserved.

### Author Keywords

Adrenal cavernous hemangioma; Adrenal incidentaloma

### References

- Tadic, B, Grubor, N, Milosavljevic, V, Matic, S, Grubor, N, Ignjatovic, I.  
**Giant Cavernous Hemangioma of the Adrenal Gland: Case Report and Review of the Literature**  
(2017) *J Clin Case Reports*, 7 (12), pp. 10-13.  
1
- Almotairi, W, Alhamam, A, Alotaibi, A  
**A Rare Presentation of Lisegang Rings in Adrenal Cavernous Hemangioma: Case Report and Literature Review**  
(2021) *Case Rep Med*, 2021, pp. 10-14.  
2
- Degheili, JA, Abou Heidar, NF, El-Moussawi, M, Tawil, A, Nasr, RW.  
**Adrenal Cavernous Hemangioma: A Rarely Perceived Pathology—Case Illustration and Review of Literature**  
(2019) *Case Rep Pathol*, 2019, pp. 1-9.  
3. ;(Figure 1)
- Nishtala, M, Cai, D, Baughman, W, McHenry, CR.  
**Adrenal cavernous hemangioma: A rare tumor that mimics adrenal cortical carcinoma**  
(2019) *Surg Open Sci*, 1 (1), pp. 7-13.  
4
- Nursal, TZ, Yildirim, S, Tarim, A.  
**Giant adrenal hemangioma: A case report**  
(2004) *Acta Chir Belg*, 104 (2), pp. 224-225.  
5

- Noh, JJ, Choi, SH, Hwang, HK, Kang, CM, Lee, WJ.  
**Adrenal cavernous hemangioma: A case report with review of the literature**  
(2014) *J Pancreas*, 15 (3), pp. 254-257.  
6
- Abou El-Ghar, M, Refaie, H, El-Hefnawy, A, El-Diasty, T.  
**Adrenal Hemangioma: Findings at Multidetector CT with Short Review of the Literature**  
(2011) *Case Rep Radiol*, 2011, pp. 1-3.  
7. ;(Figure 2)
- Lattin, GE, Sturgill, ED, Tujo, CA  
**From the radiologic pathology archives: Adrenal tumors and tumor-like conditions in the adult: Radiologic-pathologic correlation**  
(2014) *Radiographics*, 34 (3), pp. 805-829.  
8
- Shaw, D, Marr, B.  
**Bilateral Cavernous Hemangiomas Causing Liver and Inferior Vena Cava Compression: A Case Report**  
(2012) *J Clin Case Reports*, pp. 2-3.  
9. ;02(08)

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