

Bilateral Synchronous Renal Oncocytoma: A Case Report and Review

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Abstract

Introduction: Renal oncocytoma is a rare benign tumour. **Clinical Picture:** A 73-year-old man presented with bilateral renal tumours, suggestive of renal cell carcinoma (RCC). Nephron-sparing surgery (NSS) and radical nephrectomy were performed. Both specimens revealed renal oncocytoma on final histology. A review of nephrectomy specimens showed 4 other solitary oncocytomas out of 250 RCCs over the period 1991 to 2000. Diagnosis of oncocytoma could only be firmly established by careful histological evaluation to exclude RCC. **Treatment:** Renal oncocytoma carries a good prognosis. The use of NSS for synchronous bilateral renal masses is highlighted. **Conclusion:** NSS is recommended for renal oncocytoma wherever possible.

Ann Acad Med Singapore 2001; 30:642-5

Key words: Computed tomography, Diagnosis, Kidney neoplasm

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