Adrenal Myelolipoma Presenting with Spontaneous Retroperitoneal Haemorrhage Demonstrated on Computed Tomography and Angiogram—A Case Report

S M Chng,* FRCR, M B K Lin,** FAMS, M Med, FRCR, F C Ng,*** FAMS, FRCS, H C Chng,**** M Med (Surg), FRACS, T K Khoo,† DMRD, FRCR

Abstract

Introduction: A rare case of adrenal myelolipoma presenting with spontaneous rupture and retroperitoneal haemorrhage is described. Clinical Picture: A 51-year-old Caucasian male presented with acute onset of right loin pain. Preliminary diagnosis of haemorrhagic adrenal tumour was made on computed tomography (CT) and angiography. Treatment: Vascular embolisation was performed to stabilise the patient prior to definitive surgery. Tumour resection was subsequently performed. Histology confirmed ruptured adrenal myelolipoma. Outcome: The patient made an uneventful recovery. Conclusion: Ruptured adrenal myelolipoma should be considered in cases of spontaneous retroperitoneal haemorrhage. Vascular embolisation may be useful in stabilising the patient prior to definitive surgery.

Ann Acad Med Singapore 2002; 31:228-30

Key words: Adrenal tumour, Computed tomography, Retroperitoneal haematoma, Tumour embolisation

* Registrar
** Associate Consultant
† Chief of Radiology
Department of Radiology

*** Chief of Urology

**** Senior Consultant
Department of Urology
Changi General Hospital

Address for Reprints: Dr S M Chng, Department of Radiology, Changi General Hospital, 2 Simei Street 3, Singapore 529889.