

**Angiolipoma detected by F-18  
fluorodeoxyglucose positron emission  
tomography**

許重輝

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摘要

**Abstract**

Angiolipomas, a variant of a typical lipoma, are not uncommon benign neoplasms composed of adipocytes admixed with abnormal angiomatous elements. The detection of angiolipomas by fluorodeoxyglucose (FDG) positron emission tomography (PET) has not been previously reported. A subcutaneous angiolipoma with intermediate increased accumulation of FDG was visible on a whole-body PET study. It is likely that hypervascularity, blood pooling in vascular structures with congested lumens, and accelerated inflammatory processes account for the imaging findings. This became evident during image interpretation and in determining whether the tumor was benign or malignant