

Demonstration of recurrent dedifferentiated liposarcoma of the spermatic cord by FDG-PET

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We present a rare case of recurrent dedifferentiated liposarcoma of the spermatic cord which was clearly depicted by FDG-PET imaging. Preceding the FDG study, it was difficult to discriminate whether a mass detected by CT was recurrent tumor or postradiation necrosis. The FDG-PET finding was informative in relation to the extent of a viable tumor. We suggest that FDG-PET seems to be useful in differentiating recurrent tumor from radiation necrosis in patients with liposarcoma after therapy.

Key words: 2-deoxy-2-[¹⁸F]fluoro-D-glucose, positron emission tomography, liposarcoma, radiotherapy, spermatic cord