

F-18 fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Images of Rare Ovary Metastasis of Malignant Melanoma

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Abstract

Metastasis of malignant melanoma of the ovary is an exceptional case which is presented in this case report with disseminated disease involvement images of 18F FDG PET/CT.

Keywords: melanoma, positron emission tomography computed tomography, ovarian neoplasms.

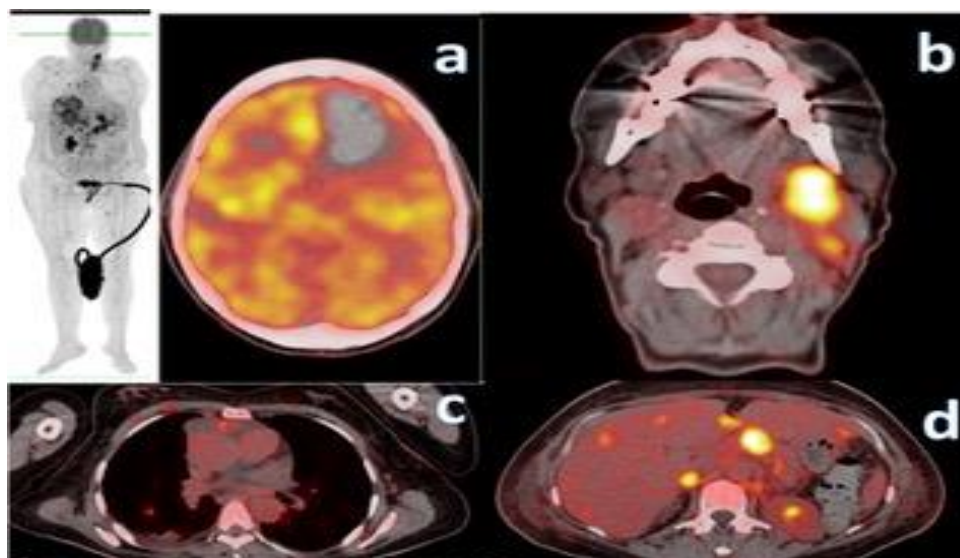


Figure 1. 41 years old female patient with diagnosis of ovarian (right) metastasis of malignant melanoma underwent for 18F FDG PET/CT for staging. Multiple intensity projection and transaxial fusion PET and CT images of the patient demonstrating brain metastasis (Figure 1a), servical (Figure 1b), mediastinal (Figure 1c) and abdominal lymph node as well as liver lesions (Figure 1d) and multiple subcutaneous and intramuscular lesions all over the body who died one month after the imaging. Malignant melanoma rarely invades the reproductive system in women mostly presents with skin lesions (1, 2). Metastatic involvement of ovary is usually unilateral and prognosis depends on the lymph nodes involvement (3, 4). This is the report of the rare case presenting with ovarian metastasis of malignant melanoma with interesting images showing disseminated involvement of whole body in 18F FDG PET/CT.

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