

Detection by ^{18}F -FDG PET of unsuspected extensive bone marrow metastases in a case of basosquamous carcinoma of the cheek

Abstract

An unusual case of basosquamous carcinoma (BSC) is presented where 18- fluorodeoxyglucose positron emission tomography (^{18}F -FDG-PET) scan diagnosed unsuspected extensive metastatic disease in the bone marrow, which was further proven histopathologically. The patient was a 32 years old man with history of recently diagnosed basosquamous carcinoma of left cheek involving left lower eyelid and left eyeball. *In conclusion*, this is the first reported case of the use of ^{18}F -FDG PET study for diagnosing metastatic bone marrow disease in a patient with basosquamous carcinoma.

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