

FDG PET scan in a primitive neuroectodermal tumor

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Primitive peripheral neuroectodermal tumor (PNET) is a rare tumor that often arises in soft tissue. Magnetic resonance imaging is a good diagnostic tool that can establish the extent of disease. The utility of positron emission tomography (PET) using F-18-fluoro-2-deoxy-D-glucose (FDG) in the diagnostic work-up and staging of PNET has not been well established. We present a case of PNET of the right upper extremity that did not show FDG uptake despite its large size and aggressive nature.

Key words: primitive peripheral neuroectodermal tumor, FDG PET scan, soft tissue sarcomas