

## A case of malignant fibrous histiocytoma of the ilium, evaluation by blood-pool scintigraphy

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A rare case of malignant fibrous histiocytoma (MFH) of the ilium was presented and blood-pool scintigraphic images and angiographic images were correlated. Hypervascular tumor and laking of contrast material with arteriovenous shunts were shown by angiography. Intensive tracer accumulation was shown by blood-pool scintigraphy. After radiation therapy and transcatheter arterial embolization of the tumor, tracer accumulation was noticeably reduced. These findings suggested a vascular tumor such as angiosarcoma, but surgery revealed MFH of the bone. Blood-pool scintigraphy was useful in the evaluation of the vascular characteristics of the tumor.

**Key words:** malignant fibrous histiocytoma, bone, blood-pool imaging