

## Two Different Types of Malignant Fibrous Histiocytoma from Pet Dogs

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We describe in detail the histological features of 2 different cases of MFH occurring in the skin. To classify these tumors, sarcomas from young pet dogs were reviewed and examined with immunohistochemistry for vimentin, desmin,  $\alpha$ -SMA and ED1. The other case was Azan stained for specific method of collagen. Their subtype showed differences and osteoclast-like giant cells positive staining for ED1 and vimentin in the first case. The second case showed infiltration of inflammatory cells and admixture of fibroblastic spindle cells with storiform including ossifying matrix. On the basis of histological and immunohistological studies of 2 different types of MFH, we report rare histological findings of MFHs, osteoclast-like giant cell type of MFH occurred in very young pet dog and MFH subtype inflammatory occurred in adult one.

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