

# CASE 044

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Myxoinflammatory Fibroblastic Sarcoma in a child in eyeball: A rare presentation

## CLINICAL HISTORY

A seven month old infant presented with a swelling in the eyeball of two months duration. No systemic involvement or constitutional symptoms such as fever were noted. All laboratory investigations of basic blood counts including ESR were within normal limits. Ophthalmoscopic examination revealed presence of a tumor in eyeball, without involvement of the optic disc. The MRI findings were suggestive of a Retinoblastoma. Based on this, an enucleation surgery was planned and carried out. An initial diagnosis of Reticulohistiocytoma was given on histopathological examination.

## HISTOPATHOLOGICAL FINDINGS

Three paraffin blocks were received for review and immunohistochemistry at our referral centre for a final diagnosis. Histopathological examination showed presence of choroid and retinal layers with the orbital cavity infiltrated by a mixed cellular infiltrate composed of numerous neutrophils admixed with large mononuclear cells exhibiting the morphology of histiocytic cells with round, peripherally placed nucleus with many showing prominent nucleoli and abundant pale eosinophilic to foamy cytoplasm. Some of these larger cells appeared to be binucleate

