Angiolymphoid hyperplasia with eosinophilia- A rare case report.

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Abstract:

Introduction: Angiolymphoid hyperplasia with eosinophilia (ALHE) is a rare benign vascular tumor affecting primarily the head and neck region of young females. Microscopic analysis reveals hyperplastic vessels lined by hypertrophic endothelium. An inflammatory infiltrate rich in eosinophils is also present. Etiology of the lesion is unknown. Various treatment modalities have been described. We present a case successfully treated by excision followed by steroid infiltration. **Case History:** A 24 year old female presented at Out Patient Department of Dermatology-Civil Hospital, Ahmedabad with complaint of papulo-nodular lesion over right ear, which was gradually increasing in size since 2 months. The lesion was 2cm X 1.2 cm in size, non-tender, non-itchy, and associated with bilateral cervical lymphnode enlargement. **Investigation & Diagnosis:** A punch biopsy was taken from the lesion and sent for histopathological evaluation. Hematoxylene & Eosin method was used for staining. Histopathological examination showed aggregates of lymphoid tissue and numerous proliferated blood vessels with prominent endothelial cells and eosinophils in background. Overall findings were in favour of ALHE. **Conclusion:** ALHE is rare condition with a challenging diagnosis and treatment. Inspite of benignity of the disease, it causes therapeutic dilemma because of cosmetic defects and frequent resistance to treatment.

Keywords: Angiolymphoid hyperplasia with eosinophilia (ALHE), Epithelioid Haemangioma, Histocytoid Haemangioma, Kimura's Disease.

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