

## GLOMANGIOMA OF LACRIMAL GLAND - A CASE REPORT

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### Abstract

A glomus body, which probably shares in control of blood circulation and peripheral regulation of temperature, consists of a direct anastomosis between venules and arterioles along with glomus epitheloid cells. It is also supplied with nervous and muscular elements. Glomus tumour or glomangioma has been recorded in a number of sites including a few cases in eyelids. In the present case histopathological diagnosis of glomangioma was established when the tumour mass involving the palpebral part of lacrimal gland was excised and examined under microscope.

*Key words* : Glomangioma, Lacrimal gland.

### Introduction

A glomus is a peculiar direct anastomosis between arterioles and venules thickened by the presence of "*Glomus epitheloid cells*" and supplied with muscular and nervous elements, which probably shares in the control of the circulation of blood and peripheral regulation of temperature (3). The structures

were first described as normal anatomical entities by Masson (1924-35) (7) and they may form benign neuromyoarterial tumours particularly in the fingers and toes. No glomous bodies have been described in the eyelids; but glomangiomas have been reported by Jensen (6).

The lesion is soft and bluish either intracutaneous or subcutaneous, and usually tender or painful. Clinically it may appear as small naevus. Histologically a solitary glomus tumour is composed of vascular lamina lined by single layer of flattened endothelial cells and by several layer of glomus cells with their eosinophilic cytoplasm and large oval nuclei resembling epitheloid cells, usually considered to be derived from pericytes, together with numerous nerve fibres, the whole being surrounded by a fibrous capsule (3).

### Case Report

A 34 years old lady presented with a tender swelling in left upper eyelid having all signs of acute inflammation and was febrile. Patient gave a history of noticing a small painless swelling ten months back and in the last three months it started growing

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