Abstract
Cavernous haemangioma is mostly intra-orbital and intraconal in location. A 40 year old male presented with painless progressive swelling of right upper eyelid of ten years duration. CT scan showed a soft tissue mass located on the right lateral aspect of the lacrimal gland bed. Excisional biopsy of the swelling was done. Histopathological findings confirmed cavernous haemangioma. We report the unusual finding of extracanal cavernous hemangioma anteriorly in the orbit lateral to the lacrimal gland bed.

Introduction
Cavernous haemangiomas are benign, slowly progressive vascular neoplasm of endothelial-lined spaces surrounded by a fibrous capsule. They are the most common vascular lesion of the orbits in adults accounting for 5-7% of all orbital tumours [1]. According to the International Society for the Study of Vascular Anomalies (ISSVA) classification of vascular anomalies, these lesions are merely known as slow flow venous malformations [2]. Thus, they are being referred to as harmatomas rather than tumours. They usually present in the middle age adults, 30-50 years of age and females are affected more than males [3]. The ocular location is usually within the orbit and more often within the muscle cone, lateral to the optic nerve. Reports of unusual extracanal presentations are usually medial in location [1,4-6]. Treatment is usually reserved for symptomatic patients (diplopia or visual disturbance) and includes surgical excision.

Report of Case
A 40 year old man presented with a 10 year history of painless progressive swelling of the lateral two-thirds of the right upper eyelid. There was no history of proptosis, reduction in vision, ocular deviation or diplopia. There was no history of similar swelling in the past involving either eyelid or history of swelling in other parts of the body. Systemic review was not significant. On examination, the best corrected visual acuity was 6/6 in both eyes. The main finding was a firm, non-tender, S-shaped mass on the lateral two-thirds of the right upper eyelid measuring 4×4×3cm. The swelling extended over the zygomatic bone; the overlying skin was normal as shown in Figure 1a &1b. Other ocular and systemic examination was essentially normal. Orbital CT scan revealed a soft tissue mass (22×15×19mm) located on the right lateral aspect of the lacrimal gland bed. The mass showed punctate calcification. There was no evidence of erosion of the zygomatic bone or infiltration of the surrounding fat. The lateral rectus was normal. The left orbit was normal as demonstrated in Figure 2a & 2b. Excisional biopsy was done through a lid crease incision and a purplish mass measuring 2.5×1.5×1cm was found as depicted in Figure 3. Histopathological examination revealed an encapsulated mass with a homogenous dark cut surface on macroscopic examination. Microscopic examination of histologic sections showed a tumor composed of large dilated vascular channels filled with blood. The vascular channels are separated by connective tissue stroma. There was no atypia.

Figure 1a &1b: The overlying skin was normal.
Cavernous haemangiomas are the most common benign neoplasm of the orbit in adults [2]. Women are affected more often than men [2]. The most frequent locations are the retrobulbar muscle cone, especially the lateral aspect of the intraconal space [3]. It is classified as a congenital low-flow vascular malformation [1]. A painless, gradually progressive proptosis and visual disturbance are the main clinical signs of Cavernous haemangiomas [7]. Ninety-three percent of the patients can be accurately diagnosed preoperatively based on echography and CT/MRI imaging [7]. CT shows homogeneous soft tissue density, and may show small calcifications or phleboliths [8]. Histologically, the lesions are encapsulated and are composed of large cavernous spaces containing red blood cells. Complete removal of the tumor is possible as the Cavernous haemangioma is totally encapsulated and meticulous surgical dissection can give good cosmetic result to the patient [1]. This is unlike paediatric ocular hemangiomas, which are usually capillary haemangioma, are unencapsulated, diffuse and difficult to excise [10].

While the tumor is typically described as intraconal, there have been reports of extracranial cavernous hemangioma [1,4,6,5]. Reports of unusual extracranial presentations are usually medial in location [1,4,5] including a preseptal presentation at the superior nasal orbital angle [6]. We report the unusual finding of extracranial cavernous hemangioma anteriorly in the orbit lateral to the lacrimal gland bed. This unusual presentation of cavernous hemangioma as a mass in the lateral two-thirds of the lid with no associated proptosis, ocular deviation or visual impairment adds to the differentials of supero-laterally located lid masses. The most frequently calcified extraocular masses are vascular lesions (hemangioma, lymphangioma, and varix) [9]. Therefore cavernous hemangiomas should be considered with findings of calcifications on imaging in superolateral orbital lesions and lid masses.

Acknowledgment
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Conflict of Interest
None.

References