

## Brief Report

### Rare Location of Cavernous Hemangioma

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#### Abstract

Cavernous hemangioma is a benign vascular tumor. The classic location of orbital cavernous hemangioma is in the intraconal space. The authors present a rare location of cavernous hemangioma in a 47-year-old male. Prior the surgery, it was suspected as fibroma or lipoma. The lesion was surgically excised, and diagnosis of cavernous hemangioma was confirmed by histopathology examination.

#### Brief Report

A 47-year-old man who presented with a history of a mass in the right eye brow over 3 months prior to presentation, no history of trauma.

Ocular examination revealed a painless, soft and mobile lesion underneath the tail of the eyebrow. The rest of the examination was unremarkable except of ptosis. Ultrasound scanning found a 3x9mm mass under the lateral eyebrow, suspected for fibroma.

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The patient underwent excisional biopsy via lid crease incision (Figure 1A). Histopathology was consistent with cavernous hemangioma (Figure 1B & 1C).

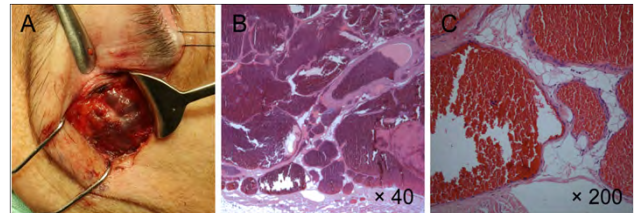


Figure 1: A- intraoperative image of the mass; B, C- Histopathology identified a cluster of densely packed thin-walled blood vessels with wide dilated lumina, which is consistent with cavernous hemangioma (B, C are magnifications of 40 and 200 respectively).

The most common benign orbital tumor among adults is Cavernous hemangioma and accounts for 3% to 7% of all orbital masses [1]. The typical location is intraconally, often lateral to the optic nerve [2]. Preoperative diagnosis can be made by CT or MRI scans and technetium Tc 99m red blood cell scintigraphic patterns [3]. Cavernous hemangioma of the eyebrow is rare, and should be suspected in patients with extraorbital mass.

#### References

1. Shields JA, Bakewell B, Augsburger JJ, Flanagan JC (1984) Classification and incidence of space-occupying lesions of the orbit: a survey of 645 biopsies. Arch Ophthalmol 102: 1606-1611.
2. Brackup AH, Haller ML, Danber MM (1980) Hemangioma of the bony orbit. Am J Ophthalmol 90: 258-261.
3. Polito E, Burrioni L, Pichierrri P, Loffredo A, Vattimo A (2005) Technetium Tc 99m-Labeled red blood cells in the preoperative diagnosis of cavernous hemangioma and other vascular orbital tumors. Arch Ophthalmol 123: 1678-1683.



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