**IS-028 Efficacy of Steroid Therapy for Ocular and Orbital Hemangiomas: a single centre experience**

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**BACKGROUND**

Hemangiomas are benign lesions, 60%–70% located in the head & neck region. Ocular and Orbital Hemangiomas are challenging to treat due to the threat of amblyopia. Various treatments modalities include wait & watch policy, sclerotherapy (intralesional steroids/bleomycin), cryotherapy, isotope radiotherapy, laser therapy & surgical therapy, each with its inherent complications.

**PURPOSE:** To describe the clinical picture and outcomes in a series of patients with hemangiomas of the eyelids & orbit, treated with steroids.

**METHOD:** A retrospective analysis of 15 patients presenting to the pediatric ophthalmology services who underwent steroid therapy (intralesional and/or systemic route) for the treatment of capillary hemangiomas of the eyelids & orbit was done. Indications of intervention included threat of amblyopia, non-spontaneous resolution, exposure & cosmesis. The effectiveness of treatment was determined by visual acuity (wherever possible) & cosmetic results.

**RESULTS:** Age ranged from 4 weeks to 4 years. 14 patients (93.33%) were given intralesional steroids. One was given systemic steroids. Cosmetic result was good in 100% patients. Only one patient required surgical excision. There was no local or systemic complication.

**CONCLUSION:** Early recognition & prompt treatment with intralesional steroids proved to be a safe & effective treatment modality for capillary hemangiomas of eyelids & orbit.