

5<sup>th</sup> International Conference on OPTOMETRY

September 12-13, 2024 | Paris, France

**Pyogenic granuloma as rare post – Operative complication following pterygium surgery: A case report****Astha Vaghasia, Vidhi Modi***Dr. D.Y. Patil Medical College and Hospital, India*

The primary complication observed after pterygium surgery is the recurrence of the condition post operatively. For prevention of recurrence conjunctival auto-graft technique is used. However, with this graft surgery wound healing procedure may be compromised and may lead to complications like tenon's granuloma or pyogenic granuloma or stitch granuloma. This complication has to be treated with topical steroid eye drops or surgical excision. Recently, 32 year old female patient presented with a painless progressive, nodular mass following after pterygium surgery on right eye. This developed after 15th post-operative day. Clinical assessment indicates a post-operative granuloma and patient underwent excisional biopsy and subsequent histopathology report confirmed the diagnosis of pyogenic granuloma. Patient was prescribed steroid eye drops in tapering regimen. No recurrence occurs even after 1 year produced by bacteria, such as *S. aureus*), as well as ampicillin/sulbactam may be administered.

**Biography**

Astha Vaghasia is junior resident of ophthalmology department and currently pursuing a post graduation degree in MS Ophthalmology at D.Y Patil education society, Kolhapur, Maharashtra, India. Astha has presented abstract on diabetic retinopathy, Retinopathy of prematurity. She also published article on mucormycosis during COVID -19. Astha is passionate about finding new treatments and research.