Introduction
Conjunctival epithelial inclusion cysts comprise approximately 6–13% of all conjunctival lesions. They may be congenital or acquired (Shields et al, 2004). Acquired conjunctival cysts are more common. They may occur after trauma or surgical intervention due to subconjunctival implantation of epithelial cells or may occur after inflammatory diseases like vernal keratoconjunctivitis and Steven Johnson Syndrome. Most inclusion cysts present as a subconjunctival cystic mass filled with clear fluid and are easily diagnosed by clinical examination. However, few reports have demonstrated atypical manifestations of cysts masquerading as a subconjunctival abscess, melanoma or hematoma and none till date mimicking a foreign body (Khan et al, 2007; Jeanniton et al, 2013; Kim et al, 2008).

Case
Twenty six year old male patient, labourer by profession, presented to us with complaints of right eye foreign body sensation, watering and pain on blinking. On ocular examination there was blackish-brown pigmented raised lesion protruding from the palpebral conjunctiva of the right upper eyelid (Figure 1A). The surrounding conjunctiva was hyperemic and congested. There was presence of small epithelial defect on cornea in its superior half corresponding to the area of lesion in the palpebral conjunctiva. There was no definitive history of trauma, surgery or foreign body falling in the eye. En bloc surgical excision of the mass was performed. On gross inspection, it was a blackish, firm, gritty mass approximately 3x2.5 mm in size, simulating...
a solid foreign body. Histopathology revealed stratified squamous epithelium with florid hyperkeratosis (Figure 1B). Superficial layer of keratin showed presence of ghost cells. Haemorrhage was noted inside the mass. There was no evidence of granuloma, dysplasia or malignancy. Histopathological features were suggestive of epidermal inclusion cyst of the conjunctiva.

**Figure 1 A:** Clinical picture of the lesion on right upper lid palpebral conjunctiva showing blackish-brown mass protruding out and surrounded by hyperaemia.

**Figure 1 B:** Histopathological section of the mass showing florid hyperkeratosis on walls

**Discussion**
Inclusion cysts are benign cysts filled with clear serous fluid containing shed epithelial cells or gelatinous mucous material (Thatte et al, 2015). Cyst wall consists of several layers of non-keratinising lining epithelium and connective tissue. Majority, over 80% of the entire cystic lesions of conjunctiva are inclusion cysts (Thatte et al, 2015) They may be primary or secondary. Primary cysts are congenital, which remain hidden in the fornix and gradually increase with age. Secondary cysts can be parasitic, implantation due to trauma and degenerative (Nath et al, 1983). Our patient presented with a solid blackish-brown lesion, simulating a foreign body. Histopathology revealed epidermal inclusion cyst of conjunctiva with florid hyperkeratosis. The uncommon clinical presentation and absence of trauma makes it an atypical manifestation of conjunctival inclusion cyst.

**References**


