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Service (sector)  
Ocular Ultrasound

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### **Corneal Epithelial Dysplasia – A Case Report**

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Purpose: To present a patient with ocular surface epithelial dysplasia, successfully treated with the surgical excision of the lesion and topical mitomycin C (MMC) 0.02%.

Methods: A 36-year-old woman with a gelatinous, white-grayish, flower-shaped lesion, involving the right cornea surface at the Para central axis was referred to us, from the Amazon. The Lesion evolves six months, with appearance a white, localized on the epithelial surface, with chronic irritation and partial visual impairment. BCVA before surgery was 20/200. The Lesion was surgically removed and the impression cytology performed with periodic acid-Schiff-hematoxylin stain disclosed severe dysplasia. Topical instillation of MMC 0.02% was instituted three times daily, for fifteen days post operatively.

Results: The gelatinous tumor mass involving the cornea was completely removed and there was no sign of recurrence during the 10 – month follow-up. The BCVA after surgery was 20/30.

Conclusion: Mitomycin C is a therapeutic alternative for treating corneal epithelial dysplasia, associated with the complete excision of the lesion.