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Bowen병 절제 후 mid-cheek lift를 이용한 하안검 재건: 증례 보고

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Purpose : The lower eyelid is essential for maintaining the tear-corneal film, protecting the globe, and preserving facial aesthetics. Reconstruction of lower eyelid defects after tumor excision should aim not only to restore coverage but also to achieve aesthetic balance by improving orbital bulging. We report a case of a lower eyelid defect following excision of Bowen's disease that was successfully reconstructed using a mid-cheek lift.

Methods : A 67-year-old man presented with Bowen's disease located 0.5 cm inferior to the left lower eyelid margin and lateral to the mid-pupil line. The lesion measured 1 × 1 cm and was removed with Mohs surgery, leaving a 1.5 × 1.3 cm defect with the orbicularis oculi muscle (OOM) preserved. Reconstruction was performed through a subciliary incision. Dissection was carried out in the plane between the suborbicularis oculi fat (SOOF) and periosteal fat. The orbicularis retaining ligament was released, whereas the premaxillary space and zygomaticocutaneous ligament (ZCL) were preserved. The SOOF was then suspended to the arcus marginalis using 4-0 Vicryl sutures to create a mid-cheek lift. After additional suspension of the OOM, redundant skin was trimmed to complete the reconstruction.

Results : The defect was fully covered. At 6 months after surgery, the patient showed favorable functional and aesthetic outcomes without complications such as ectropion.

Conclusions : Mid-cheek lift is an effective option for reconstruction of anterior lamellar defects lateral to the mid-pupil line while preserving the premaxillary space and ZCL.

Fig. 1. Preoperative clinical photo showing a 1x1cm lesion of Bowen's disease located lateral to

Fig. 2. Lower eyelid defect measuring 1.5×1.3 cm after Mohs surgery.

Fig. 3. The mid-cheek was elevated through the prezygomatic space, followed by mid-cheek lift. Preservation of the premaxillary space and the zygomaticocutaneous ligament was achieved.

Fig. 4. Clinical photo at 6 months postoperatively, showing no ectropion and aesthetically acceptable results.