



DERMATOLOGICAL SURGERY

## EARLOBE KELOID REMOVAL USING WEDGE EXCISION

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**Background:** Earlobe keloid is the most frequent complication of ear piercing. It is a problem to the doctor and patient because not only esthetically unacceptable but also difficult to treat, risk of infection and high recurrence. There are many treatment option with various effectivity, but still unsatisfactory and no single treatment can universally effective. Here we report a case of earlobe keloid successfully treated with Wedge Excision, Intralesional corticosteroid and silicone gel dressing.

**Observation:** A 41 Years old female come with right earlobe keloid after piercing. She had performed multiple surgery for his earlobe keloid since 9 years ago and now it is still reappear. Physical examination on left earlobe show fleshed colour tumor 3x2x2cm, tender, and no telangiectasis. The patients were treated with wedge surgical excision followed by intralesional corticosteroid 3 weeks after the surgery, and silicone gel dressing. Two years follow up of the patient show excellent result without recurrence.

**Discussion:** Surgery is the gold standart treatment for earlobe keloid. It can be applied to any size of keloid, reduce the size, and correct the shape so that can be esthetically acceptable. Wedge excision or radical keloidectomy is one of surgical technique to remove earlobe keloids. This Technique is simple, effective to remove all keloid tissue and prevent the recurrence, also can be used in helix of the ear. The combination with intralesional corticosteroid and silicone gel will sinergically prevent the recurrence.

