Surgical Removal of Keloid Caused by Auricular Piercing

Fushun Ma*
Department of Plastic Surgery, Hospital of Weifang Medical University, China

Clinical Image

A 22 years old female present with a hypertrophic keloid scar on her left auricular. She had her piercing 3 years ago on both sides of the auricular and started to notice a tinny scar on the punch site 6 months later. Then the scar kept getting bigger and eventually reaches the size as a walnut 1 year after the piercing. Localized injection of Triamcinolone Acetonide (40 mg) was used weekly for four times. Half year later another session of injection was applied again. No substantial scar regression was observed (Figure A and C). Finally the patient came for surgical help. During the surgery the scar tissue was completely removed with most of the covering skin. The wound was closed by the residual skin from the keloid. Cortical steroid was injected into the suture line. The follow-up picture (Figure B and D) was taken 1 year after surgery. No hypertrophic scar was noticed.

Figure 1: Images of Keloid caused by piercing (A,C) and images of the auricular one year after surgical removal of the keloid (B,D).

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*Correspondence:
Fushun Ma, Department of Plastic Surgery, Hospital of Weifang Medical University, China,
E-mail: fushunma@hotmail.com

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