ABSTRACT BOOK
ABSTRACTS

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TWO DIFFERENT TREATMENT MODALITIES OF AURICULAR PSEUDOCYST

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Introduction: Auricular pseudocyst is a relatively rare disease in dermatologic department, characterized by spontaneous, asymptomatic swelling over the anterior aspect of the auricle, which may pose a diagnostic challenge to the clinician. Sorts of treatment modalities, including intralesional injection, incision and drainage, compression, surgical removal of the anterior loop, have been reported in the literature.

Objective: This study aimed at comparing the therapeutic effect and complications between intralesional injection and surgery.

Material and Methods: Eleven cases of auricular pseudocyst, all the patients were male, aged from 35-63 years(average 50.1). 7 cases on left ear while 4 cases on right, 9 cases in scaphoid fossa while 2 cases in triangular fossa. The major axis of pseudocysts varied from 1.5 to 3.0 cm（average2.1±0.57）. Six patients were treated with Intralesional injection using triamcinolone acetonide, 1 to 3 times, with one-week interval. Five patients have received surgical removal of the anterior loop. The follow-up period was 6 months.

Results: Among 6 patients who received intralesional injection, 3 received one-time injection and 2 received the second injection without recurrence. Only one pseudocyst reoccurred even after thrice injections at 6 months follow-up. Among 5 patients who accepted surgery, none was observed with recurrence, neither with infection, deformity nor perichondritis. However, one patient complained about the chronic swelling, while a small-spot skin necrosis due to inappropriate compression occurred on another patient.

Conclusion: Both two methods may bring reasonable results. Compared with surgery, intralesional injection seems to bring less complication with potential higher risk of recurrence.

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