

Multicultural Evaluation of Hyaluronic Acid Filler Injections for Nasal Deformity Correction: A Study on Efficacy, Safety, and Educational Impact across Five Ethnic Groups

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This study examines the efficacy and safety of hyaluronic acid filler injections for correcting deformities in noses of various complexities, including deviated, bulbous, hump, and saddle nose, across five ethnic groups: Caucasian, East Asian, Indian, Arab, and African. Using pre-prepared demonstration videos on cadavers, clinical cases, 3D animations, and ultrasound-guided injection videos, this research also delves into the anatomical differences and aesthetic preferences of these ethnicities. The outcomes were evaluated by twelve novice physicians based on the technique's learnability, practicality, and lack of complications. The injections were performed on 185 cases with no incidence of ecchymosis reported. Patient satisfaction rates at 1, 6, and 12 months post-injection were 92%, 88%, and 84%, respectively. The technique's learnability and practicality were rated at 96% and 94% by the novice physicians.

Results: The findings from 185 cases revealed no ecchymosis, indicating the safety of the technique. High satisfaction rates were recorded among patients, with 92% at 1 month, 88% at 6 months, and 84% at 12 months post-injection. The novice physicians reported high scores for the technique's learnability (96%) and practicality (94%), showcasing the educational value of the diverse teaching methods used in this study.

Biography

Ahmad Nazari, MD, Postdoctoral Clinical Research, member of the I-Face Educational Department, Istanbul, Turkey. Author of over a thousand pages in handbooks and textbooks published by Springer Nature and over thirty Q1 journal articles. Speaker at IMCAS, DUBAI DERMA, and SCARS conferences.

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