

4<sup>th</sup> International Conference on

# RHINOLOGY AND OTOLOGY

October 18-19, 2017 Dubai, UAE

## Long-term cosmetic and functional outcomes of rhinoplasty: A cross-sectional study of patients' satisfaction

**Ohoud Basim Al-Linjawi**  
King Abdul-Aziz University, KSA

**Objective:** To assess patients' satisfaction about cosmetic and functional outcomes of uncomplicated rhinoplasty and the consequent psychological impact.

**Methodology:** A cross-sectional study carried out among patients aged  $\geq 20$  years, who underwent primary functional and/or cosmetic rhino plastic surgery at Al-Mashfa Hospital, Jeddah before January 2015 (1 year of postoperative follow-up). A total 200 patients were randomly selected from the hospital database and contacted for an anonymous telephone interview using a validated, semi-structured questionnaire investigating 7 postoperative satisfaction parameters. The questionnaire was completed by 3 additional items scoring from 0-100, the overall nose function, appearance and patients' mood before and after rhinoplasty; answers were analyzed as continuous variables

**Results:** We included patients who underwent functional (13.5%), cosmetic (20.5%) or both functional and cosmetic (66.0%) rhinoplasty. Satisfaction parameters showed highest satisfaction score for nose breathing followed by family and friends' satisfaction about nose appearance, while willingness to change appearance through a new surgery had the lowest satisfaction score as 51.0% of the patients answered that they will undergo a new rhinoplasty for that purpose. Female, divorced and unemployed patients had lower scores regarding satisfaction parameters, respectively, while no difference was observed by indication or educational level. Linear regression showed positive correlation of change in mood with both change in nose function and appearance.

**Conclusions:** Patients who underwent primary uncomplicated rhinoplasty have fair satisfaction about functional long-term outcomes but remain relatively dissatisfied esthetically especially female, divorced and unemployed patients. The extent of functional and cosmetic improvements has positive impact on the patient's mood.

### Biography

Ohoud Basim Al-Linjawi is currently an Intern at King Abdul-Aziz University, KSA. He has completed his Bachelor's degree from the College of Medicine, King Abdul-Aziz University, KSA.

dr.ohud@gmail.com

### Notes: