

Original Paper

Relationship of patients' satisfaction following septoplasty with rhinomanometry test results

Banan R (M.D)¹, Kosha A (M.D)¹, Nemati Sh (M.D)*¹
Ghoreishinejhad SM (M.D)², Kazemnejhad K (Ph.D)³

¹Associate Professor, Department of ENT-HNS, Guilan University of Medical Sciences, Rasht, Iran. ²Resident in ENT-HNS, Guilan University of Medical Sciences, Rasht, Iran. ³Assistant Professor, Department of Epidemiology, Guilan University of Medical Sciences, Rasht, Iran.

Abstract

Background and Objective: Nasal obstruction is a common complaint leading to septoplasty as one of the most common surgical procedures in otorhinolaryngology. This study was done to determine the relationship between patients' satisfaction following septoplasty with rhinomanometry perior and after surgery.

Methods: This descriptive – analytic study was done on forty-one patients, candidated for septoplasty, from Oct 2012 to Sep 2013. Rhinomanometry were tested perior and 6 months after surgery. At the time of rhinomanometry after surgery, common clinical symtoms and patient's quality of life and their satisfaction from operation were recorded by using GBI questionnaire.

Results: Nasal obstruction and congestion, trouble sleeping, insufficient breath during physical activity and difficulty breathing through the nose were significantly reduced after surgery ($P<0.05$). In overall, patients' satisfaction after septoplasty was 90.24%. Rhinomanometry was not predictive factor for satisfaction after surgery.

Conclusion: Six month follow-up after surgery showed high patients satisfaction (90.24%) following nasal septoplasty, but this was not related to rhinomanometry test results.

Keywords: Nasal Obstruction, Septoplasty, Rhinomanometry, Patient satisfaction

* **Corresponding Author:** Nemati Sh (M.D), E-mail: nemati@gums.ac.ir

Received 18 Feb 2014

Revised 27 Aug 2014

Accepted 14 Oct 2014