

## **Comparison of beauty and respiratory complications between two methods of open rhinoplasty surgery consist Spreader Flap and Spreader Graft**

### **Abstract**

Introduction:

**Due to the complications and cosmetic results were different in both groups and flap Spreader, so we decided to design this study to compare the effects of two methods of beauty and respiratory complications Spreader Flap and pay Spreader Graft in open rhinoplasty.**

### **Materials and methods**

in this cross sectional study on patients with open rhinoplasty surgery was performed, Patients file from September 2011 to September 2014 in Imam Khomeini Ardabil undergoing rhinoplasty were extracted. The patients were contacted and asked those who responded to the call from his nose shooting 6 for the day. All patients were asked the questions that had been prepared beforehand. This study aims to demographic data questionnaire, 7 questions related to respiratory complications and was 7 questions on beauty effects. After completing the questionnaires, data import and data analysis looked SPSS v16.

### **Results**

In this study, 130 patients were enrolled. 69 patients in the group, and 61 patients were in the group flap. The majority of patients were women. Rhinoplasty complications among patients in the study, it was observed that the spreader leads to increased prominence in the back of the nose and cause cosmetic problems of patients Hump and Spreaders flap has led to an increase in nighttime nasal congestion, respiratory complications and other cosmetic problems among patients was significantly different between the two treatment groups was observed.

### **Conclusion:**

Results of this study showed that the majority of respiratory complications and Beauty in the two groups showed no significant difference and spreaders graft was only leads to increased prominence of the nose and nasal congestion at night Hump and flap spreader also led to an increase in patients.

**Keywords:** Spreaders, Graft, Flap, Rhinoplasty.