

عنوان مقاله:

Assessment of Aesthetic Outcomes of Spreader Graft for Primary Rhinoplasty in Patients with Mild Dorsal Hump Reduction, A Double Blind Clinical Trial

محل انتشار:

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خلاصه مقاله:

**Background and Objective:** The reduction of dorsal hump in rhinoplasty can result in significant cosmetic and functional compromise if appropriate supports, such as a spreader graft or flap is not provided. However, if the hump reduction is slight, the function of enhancing maneuvers cannot be defined with certainty. This study aimed to assess the aesthetic effects of spreader graft placement in the patients with less than 3 mm hump reduction. **Materials and Methods:** This study was a double-blind clinical trial with 30 patients who were randomly divided into 2 equal sized groups. For patients in the control group, there were no augmentation techniques used during hump reduction; however, in the intervention group, spreader grafts were applied after hump reduction. After 6 months, the incidence of depression, step, narrowing, widening and asymmetry in dorsum was ascertained. Besides, the patients were asked to rate their satisfaction with their nasal dorsum aesthetics. **Results:** Only one patient in the control group had an inverted-V deformity, and patients in the intervention group were more satisfied with the aesthetic results. These variations are clinically important even if they were not statistically significant. **Conclusion:** Using a spreader graft in the primary rhinoplasty of patients with less than 3mm hump reduction, without causing serious complications, increases the patient's satisfaction with dorsum aesthetics.

کلمات کلیدی:

Rhinoplasty, Hump, Spreader Graft

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