

Functional Rhinoplasty: Short Review

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mucosa may cause atrophic rhinitis and subsequent empty nose syndrome.

Internal nasal valve collapse

In most patients, the middle nasal vault is the critical region for nasal breathing. The relationship between the upper lateral cartilages and the septum may be altered from birth, aging, trauma, or from prior rhinoplasty that causes middle third narrowing [10]. Spreader grafts are often used to reconstruct the middle vault of the nose. Placement of spreader grafts under an intact connection between the ULCs and the septum can significantly widen the INV angle more than when spreader grafts are placed after division of the ULCs from the septum as often occurs with dorsal nasal hump resection [11]. Autospreader flaps, using the upper lateral cartilages to act as spacer and supportive grafts between the ULC and septum, are a nice alternative to middle vault reconstruction with septal cartilage spreader grafts [12].

Another technique to reconstruct the middle vault is described by Guyuron as a splay graft. The graft