

Transnasal endoscopic prelacrimal recess approach in a surgical treatment of antrochoanal polyp

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Abstract

Rhinoplasty Purpose: To assess the effectiveness of endoscopic transnasalprelacrimal recess approach (ETPRA) in preventing the recurrence of antrochoanal polyps & evaluate the outcomes and possible complications of prelacrimal recess approach for treatment of antrochoanal polyps.

Methods: 40 patients with Antrochoanal polyp underwent surgery with a transnasal endoscopic prelacrimal recess approach. The approach is evaluated for the ability to visualize the origin of the polyp in the maxillary cavity, complications and recurrence of the polyp.

Results: Transnasalprelacrimal recess approach was successful in 80% of the patients (32/40), 80% of patients (32/40) did not encounter epiphora postoperatively, 85% of them (34/40) had no epistaxis, 90% of them(36/40)hadnocheekedema.Noneofthemhadnasalobstruction, nasalstenosisoradhesions, all of them had the flap healed and all of them had the inferior turbinate preserved. During the follow-up period (1 year) no recurrence had developed.

Conclusion: Prelacrimal recess approach is a safe procedure which allows for complete removal of the antral part of the antrochoanal polyps to prevent recurrence without major complications.

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Biography

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