Inferior Turbinate Reduction

“Comparative Study”

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Abstract

Background : inferior turbinate hypertrophy is one of the most common causes of nasal obstruction .Many different surgical methods are available for treatment of this . condition

Study design and objectives : this is a comparative retrospective study carried out on patients who underwent surgical turbinate reduction of the inferior turbinates in .the period between March 2015 and March 2017

This study compares between the rate of complications between partial inferior turbinectomy and endoscopic powered turbinoplasty. The study carried out at .Otolaryngology department ,at Ad Diwanyia teaching hospital , Diwanyia city, Iraq

Results : A total of 50 patients with nasal obstruction had been included in this study. The patients were divided into two groups. The first group treated by surgical inferior turbinectomy while the second group by powered endoscopic turbinoplasty. The gender distribution was(15(52%) male and 10(48 %) female and 14(48%) male and 11(62 %)female) for the first and second group respectively with no significant difference between the two groups($p>0.05$) . The mean age of first group was 27.40±7.7 years while the mean age of second group was 26.68±6.82 years with no significant difference between the two groups ($p>0.05$).There is significant difference between the two groups in occurrence of severe bleeding and crustation which is higher in group 1 ($p<0.05$).There .is no statistically significant difference in atrophic rhinitis but it is clinically important

Conclusion : Powered endoscopic turbinoplasty associated with less post operative . complications than partial inferior turbinectomy

Publication

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Boigraphy

Wasam A. Albusalih had been graduated from college of medicine in Baghdad 1999 , Degreed in Otorhinolaryngology Head and neck surgery in 2013 , interested much in endoscopic sinus surgery since that , I did more than 100 successful DCR and about 500 endoscopic sinus operations with few endoscopic skull base operations in last 3 years at Diwanyia , Iraq.