**Original article:**

**A prospective study of clinical presentation and surgical outcomes in**

**patients of concha bullosa**

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**ABSTRACT:**

**Background:** Pneumatisation of middle turbinate and less commonly the superior turbinate is called concha bullosa. Concha

bullosa can cause nasal obstruction, post nasal drip,contact point headache,sinusitis, and osteomeatal disease. There are

many surgical techniques to treat concha bullosalike crushing, partial turbinectomy,lateral partial turbinectomy and

conchoplasty. In these techniques there are chances of recurrence, destabilisation of turbinate, synechia formation and

olfactory disturbance. Conchoplasty is a technically demanding procedure but gives good results and has rare complications.

**Material and method:** Fiftyeight patients who were diagnosed with concha bullosa on CT scan and underwent

conchoplasty were included in the study. All patients with subjected to conchoplasty under local or general anaesthesia and

were observed upto 1 year.

**Results:** Follow up of 1 year showed fruitful results in improvement of symptoms and signs suggesting excellent outcome of

surgery.

**Conclusion:** Conchoplasty can be an effective surgery in treatment of concha bullosa.

**Keywords:** concha bullosa, conchoplasty, endoscopic sinus surgery