

## **ABSTRACT**

**ABSTRACT: OBJECTIVE:** To study the role of adenoidectomy in the management of otitis media with effusion. **TYPE OF STUDY:** A prospective clinical study. **MATERIALS AND METHODS:** 50 cases studied in department of Govt Rajaji Hospital, Madurai Medical college, Madurai. The duration of study was 6 months. Hearing loss assessment in the form of PTA & tympanometry before and after adenoidectomy was done. **OBSERVATIONS AND RESULTS:** Children 5-15 years were included in the study. Sex wise distribution was observed. Patients categorized according to the symptoms, gender and degree of hearing loss. Satisfactory results observed after adenoidectomy in relation to the improvement in hearing loss. There can be some complications after adenoidectomy but in our studies proper precautions were taken and no complications seen. **CONCLUSION:** Adenoidectomy is a very effective surgical modality of treatment in patients who are having otitis media with effusion due to adenoid hypertrophy. Conservative management has no role and grommet insertion is not of much value. Adenoidectomy alone has been shown to produce otoscopic clearance of middle ear effusion, alteration of tympanometric status and improvement of hearing loss.

**KEYWORDS:** Otitis media with effusion, Hearing loss, Adenoidectomy