

4th International Conference and Expo on **SURGERY AND TRANSPLANTATION**

July 22-23, 2019 | Brussels, Belgium

Essam Ali Abo El-Magd et al., Adv Surg Res 2019, Volume 3

EVALUATION OF TYPE 1 TYMPANOPLASTY IN CHILDREN IN UPPER EGYPT

Essam Ali Abo El-Magd and **Karema M Sobhy**

Aswan University Hospital, Egypt

Objective: This study was undertaken to evaluate the surgical outcome of type 1 tympanoplasty in selected cases of children with tympanic membrane perforation and assess factors influencing their outcome.

Subjects & Methods: The study includes a total of 82 children of age group 7 to 14 years who underwent type 1 tympanoplasty in Aswan University hospital during January 2014 to August 2016 after approval from Aswan Faculty of Medicine Ethics Committee. The patients were divided into two groups, group I of 30 cases aged from 7 to 10 years and group II of 52 cases aged from 11 to 14. Patients with cholestatoma, ossicular chain pathology, previous tympanic surgery or Eustachian tube pathology were excluded from the study.

Results: In their study the overall success rate was 66 cases out of total of 82 cases (80%). The success rate was higher in group I (83.3%) than in group II (78.8%) but the difference was not statistically significant. In terms of prognostic factors, they observed a statistically significant association between the presence of a discharging ear and a poor outcome ($P < 0.001$), also there was significant association between duration of discharge and poor results ($P < 0.01$).

Conclusions: The age of the patients, size and site of perforation, prior adenoidectomy or adenotonsillectomy, do not significantly influence the post-operative outcome. Although tympanoplasty is less successful in bilateral perforation, but this is not of significant value.

BIOGRAPHY

Essam Ali Abo-El Magd is an expert in ENT surgery. After completion of his MBBCH Degree, he completed his Master Degree in Otolaryngology and MD in Otolaryngology. Now he is working as an Assistant Professor of Otolaryngology at Aswan University, Egypt.

esamali801@yahoo.com



Note: