

HEAD AND NECK CONFERENCE: THE MULTIDISCIPLINARY APPROACH

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Evaluation of endoscopic balloon dilatation as a treatment of eustachian tube dysfunction

Fabio Fanfoni

Croydon University Hospital, UK

Aim is to evaluate endoscopic eustachian tube balloon dilatation (ENTellus®) outcomes as treatment of Eustachian Tube Dysfunction (ETD) in selected patients who did not respond to medical treatment and/or not improve after Grommet insertion or not kept on Grommet. It is a prospective study of 6 months follow up, conducted in secondary care academic center. Patients selected those who diagnosed with persistent Eustachian tube dysfunction refractory to medical treatment. No concomitance of chronic otitis media, tympanic membrane perforations, labyrinthine dysfunction, Meniere's disease, patulous eustachian tube. Patients' symptoms feedback evaluated through comparison of the 7-items Eustachian Tube Dysfunction Questionnaire (ETDQ-7) score before and after the procedure. Primary safety endpoint was complication rate. Fourteen (14) patients were selected and underwent endoscopic eustachian tube balloon dilatation. Mean pre-operative EDTQ-7 score was 4.5, post-operative 2.6 with a mean change of -1.9. No surgical complications were reported. Balloon dilatation is a promisingly safe procedure and effective treatment option that can be offered to patients with persistent ETD. Further studies with increased number of representative sample of participants and longer terms results will certainly help confirming effectiveness.

Biography

Fabio Fanfoni is a ENT Consultant at Concordia Community Outpatients / Associate Specialist at Croydon University Hospital, London, United Kingdom. He worked as a Locum Specialty Doctor ENT at Heatherwood and Wexham Park Hospital NHS Foundation Trust. He has done his M.D, Specialty in ENT and Otolaryngology, Specialty in Audiological Medicine and Phoniatry in Sapienza University of Rome.

fabio.fanfoni@gmail.com

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