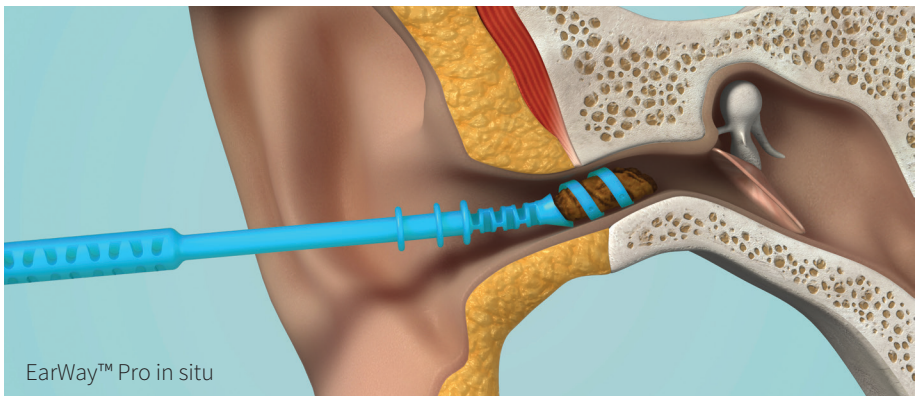


A Novel Device for the Management and Removal of Cerumen

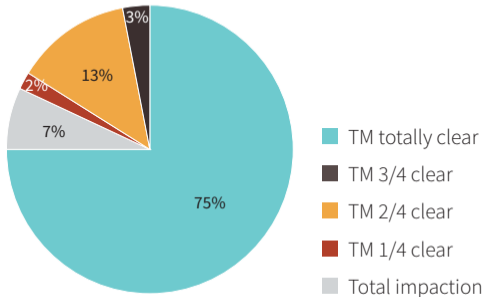
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INTRODUCTION: EarWay™ Pro is a device intended for the evacuation of cerumen from the external auditory canal. It offers a novel approach for the removal of cerumen in the office. The helical open profile tip engulfs the cerumen which is then pulled out of the ear. The device is made of a flexible material which is intended to minimise pain and prevent injury to the external auditory canal.

METHODS: The research was conducted in the Department of Otolaryngology Head and Neck Surgery in Kaplan Medical Center. Patients with cerumen were treated with the EarWay™ Pro device. The efficacy, safety and pain were evaluated by scales developed for the purpose of this study. The cerumen obstruction scale was assessed before and after the procedure. Grade 0: total obstruction of the canal with cerumen - the tympanic membrane (TM) cannot be seen; Grade 1: only one quarter of the TM can be seen; Grade 2: two quarters; Grade 3: three quarters; Grade 4: four quarters - the complete TM can be seen; Grade 5: the canal is completely clean of cerumen. improvement of at least two grades was regarded as success. All patients had their ear canal and tympanic membrane inspected with a microscope at the end of the procedure.



Post treatment results



POPULATION (n=46)

Female	48%
Male	52%

Patient statistics

Recurrent cerumen impaction	37%
Frequent use of cotton swabs	33%
Complaining about hearing loss	28%