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TAKING CARE OF AGE-RELATED HEARING LOSS

Effectiveness of Group Speech Therapy: Beyond Hearing Compensation Toward a Comprehensive **Strategy of Prevention of Age-Related Hearing Loss**

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Abstract

Theory: Presbycusis impairs both auditory and social functions, significantly increasing the risk of cognitive decline. Progress is assessed by comparing score improvements between baseline and intervention, and by calculating the Tau-Research highlights that, without timely and appropriate interventions, even the most advanced hearing aid technologies which demonstrates the effect size (6). Gains ranged from 0.9% to 18.08% in avg. SNR50 drop: **Criterion 1** are insufficient to fully restore the level of communication crucial to maintaining the quality of life in older adults (1) Significant improvements in SRM

Reality: With global life expectancy rising—by 2030, one in six people will be aged 60 or older (2)—and the growing prevalence of hearing loss, there is an urgent need for innovative approaches to managing presbycusis.

Objectives



Single Case Experimental Design (SCED) – an evidence-based practice approach - Level of Evidence 1 (OCEBM)

Four patients were recruited during routine fitting sessions, with an average age of 62.25 months (SD = 45.68 months) at the time of fitting. Each patient was treated as a distinct case, following a three-phase protocol, ensuring strong validity of the results:



*Oxford Centre for Evidence-Based Medicine

This study aims to evaluate the impact of group speech therapy on the listening abilities of older adult patients who use

Conversational analysis protocol applied to filmed interviews (5)

Criterion #4 Greater communication skills

Group speech therapy

Therapeutic Patient Education (TPE)

Language and Auditory-Cognitive Training

Personalised, fun approach, without overloading executive functions



The findings underscore the value of enhanced interventions in managing presbycusis. By targeting communication, language, and cognition, these interventions play a key role in helping seniors maintain their independence. Additionally, they can prevent the underutilization of hearing aids that are purchased but not worn. Collaborative efforts among ENT specialists, hearing aid fitters, and speech therapists are vital for success.

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Results

Conclusion



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