

**Critical Review: What are the Speech Perception Benefits of Wearing an FM System with Personal Hearing Aids Versus Hearing Aids Alone in a Classroom Environment?**

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This critical review examines the speech perception benefits obtained via an FM system and personal hearing aids for middle school age children with varying degrees of hearing loss in a classroom environment. Overall, the limited availab



perception benefits and word recognition scores for hearing impaired, middle school aged children.

Boothroyd and Inglehart (1998) used a within groups design to quantify the benefits of FM system amplification, over hearing aids alone, for 13

classroom environment. When the FM system was used in addition to the personal BTE hearing aids, the percentage scores increased to 86.7 to 100 percent correct. Results of the study were analyzed using one-way repeated measures ANOVA and the results significant. The addition of the FM system accounted