articles were discovered through article referencing.

Selection Criteria

Research studies selected for inclusion in this critical review paper were required to examine the use of directional microphone technology within the pediatric population. The original focus was strictly 0-5 years of age, but due to the lack of research, studies involving any children were included. No limits were set regarding the methodological design or outcome measures.

Data Collection

Research of the literature yielded the following types of articles congruent with the selection criteria: group comparison in an experimental design using a three-way mixed, statistical analysis of variance (2).

Results

Kuk, Kollofski, Brown, Melim, and Rosenthal, examined the efficacy of hearing aids with a directional microphone in children aged 7 to 14. This was achieved by objectively measuring speech recognition using the CID W-22 word lists at different SNRs in a background noise. Levels of 72, e would help explain why the older children required less SNR to achieve 50 percent

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