

Results

Results of Objective Measures

Threshold comparison using Sound Field Audiometry

Mylanus, van der Pouw, Snik & Cremers (1998) found a significant benefit in favor of BAHA at 1 KHz ($t=3.53$; $p<.01$) and 8 kHz ($t=5.65$; $p<.001$) of 6 and 12 dB respectively in their tests with 34 adults patients with average age 48, while Bance, Abel, Papsin, Wade & Vendramini (2002) found no significant difference between ACHA and BCHA measurements across frequencies in their tests with 15 adult patients age under 48 years old.

The follow up study conducted by Hol, Snik, Mylanus & Cremers (2005) revealed that mean free-

Abbreviated Profile of Hearing Aid Benefit

median plan to a single cochlear would be unlikely to stimulate the central binaural auditory mechanism normally activated by binaural input. However, it is not certain whether limited partial hearing can be achieved with acclimatization and learning effects over time. More over, these results were achieved with an omni directional microphone in the process-transducer, the use of a directional microphone might possible improve localization.

Some of the subjective measure questionnaires used for surveys such as Qualify of Life and the Sanders Profile questionnaire are not directly relevant

