Systematic study of hearing aids

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A set of 6 complete tactile receptor units are to be included, each comprising 10 hearing aid bone-conduction receivers, one for each finger of a pupil. These receivers all have the same carrier but are amplitude-modulated by the outputs of the band-pass filters. Possible improvements in the stimuli presentation are investigated. Experience from the earlier model LUCIA indicate that the visual device is potentially useful for speech correction and that the tactile unit provides a valuable supplement to lip-reading but is by no means a full substitute for hearing. (1)

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C. SYSTEMATIC STUDY OF HEARING AIDS

Comparative investigation of hearing aids under varying environment conditions

Normally about 75 to 80% of the hard of hearing will be satisfied with their hearing aids. Different kinds of complaints will occur for the others. An investigation has been started to analyze the complaints. 12 different hearing aids with different control settings have been tested using PB-lists for normal listeners in quiet and in different types of noise at the average speech level.

The investigation is now continued with a series of pathological cases of different degrees.

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