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Perception Deafness in Otosclerosis

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The bone conduction audiogram of otosclerosis patients is diminished by three factors: the Carhart Notch, the presbycusis, and the damage caused by otosclerotic foci.

An unselected material of 150 patients was divided into three age-groups. In the mean bone and air conduction audiograms of these groups the spread was considerable.

However

after correction for presbycusis and the Carhart Notch in the speech range identical audiograms resulted for all age-groups. In 93% the perception loss attributed to otosclerosis proved to be less than 10 db and only in 7% 10–20 db and higher. However probably the actual loss is higher because presbycusis and otosclerotic perception deafness may overlap.