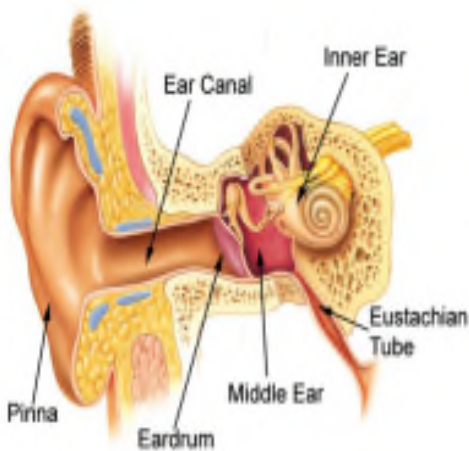


A Bone Conduction Hearing Device (BCHD) on a Soft Band



Conductive deafness is caused when sounds cannot pass efficiently through the outer and middle ear to the inner ear. Bone conduction hearing aids are considered for children with this type of deafness when they cannot benefit from behind the ear hearing aids. This aid is called a BCHD.

A behind the ear hearing aid may not be suitable because of persistent ear infection (discharging ears) that prevents the child from wearing an ear mould or because the child was born with microtia (malformation of the external part of the ear) which prevents them from wearing a conventional hearing aid.



For children with hearing loss to successfully develop their language skills, early stimulation of the inner ear (cochlea) is essential. A bone conduction hearing aid can be a temporary solution to ensure that the child can hear speech consistently and enable them to develop good speech and language.

Young children have soft bones. The BCHD is worn on a soft elastic headband with a plastic connector sewn in. A BCHD sound processor easily attaches to the connector. The softband holds the sound processor against the bone behind the ear (mastoid) or any other bony location of the skull. The BCHD softband can be used from 6 weeks of age.

