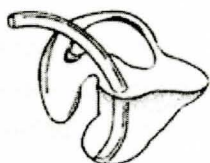
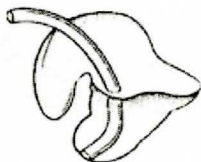


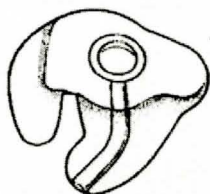
TYPES OF EAR MOULDS



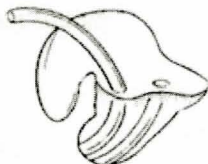
Skeleton mould



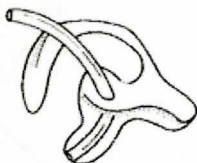
Shell mould



Regular mould



Parallel vent mould



Open mould



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Types of Ear moulds

Ear mould is a plastic or silicone earpiece. It helps to conduct the amplified sound from the hearing aid into the ear canal of the hearing aid user. Size of the ear mould varies for each individual.

Types of ear molds

Based on material ear moulds are classified into -

Hard ear mould (Standard): Hard acrylic moulds are considered the "standard" and are most commonly used with body worn hearing aids.

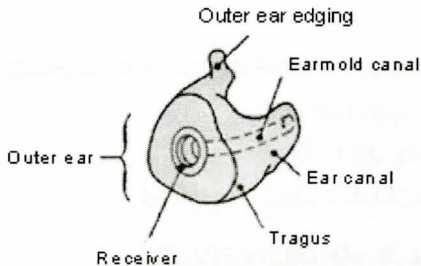


Fig 1: Hard ear mould (Standard)

Soft ear mould (Soft and flexible): Silicones are the soft and most flexible ear mould materials, giving excellent acoustic sealing and biocompatibility properties.

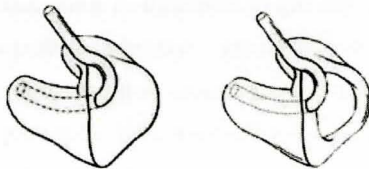
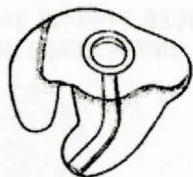


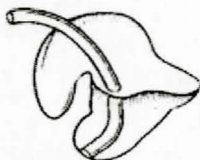
Fig 2: Soft ear moulds (Soft and flexible)

Based on the type and look they can be classified into:

Regular ear mould



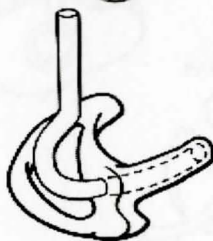
Shell ear mould



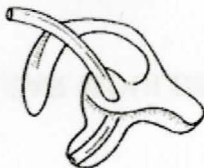
Skeleton ear mould



Canal ear mould



Open-fit ear mould



A well-fitted ear mould directs sound from the hearing aid to the ear without feedback, thus allowing the user to hear comfortably, it requires acoustic seal. So that modification in the length and diameter of the ear mould tubing is required. Modifications the length and diameter of the sound bore, vent or dampers in the ear mould will change the acoustic properties of ear mould and enables in fine tuning of the ear mould acoustics to individual needs.

If you have any questions, please feel free to contact us:

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