

Clinical Services Audiology

PURE TONE AUDIOMETRY



Pure-tone audiometry is a “gold” standard test of audiological examination. Its role is to assess whether hearing acuity is normal or impaired. Air conduction hearing thresholds are measured for tonal stimuli at the range of frequencies from 0.125 kHz to 8 kHz

with the use of headphones. Then, bone conduction hearing thresholds are measured for tonal stimuli at the range of frequencies from 0.25 to 4 kHz, with the use of a headband with oscillator.

CONDITIONED PLAY AUDIOMETRY



Conditioned play audiometry (CPA) allows an audiologist to test the hearing of very young toddlers and preschoolers. CPA uses behavioral conditioning to get kids to respond to sounds. It is designed for children between 2 and 5 years of age.

BEHAVIOURAL OBSERVATION AUDIOMETRY

BOA is a test used to observe hearing behaviour. This is often used for infants less than 6 months of age.



IMMITTANCE AUDIOMETRY



Immittance audiometry is an objective technique which evaluates middle ear function by three procedures: static immittance, tympanometry, and the measurement of acoustic reflex threshold sensitivity

AUDITORY BRAINSTEM RESPONSE / BERA



The auditory brainstem response (ABR) test tells us how the inner ear, called the cochlea, and the brain pathways for hearing are working. You may also hear it called an auditory evoked potential (AEP).

THE VESTIBULAR EVOKED MYOGENIC POTENTIAL



The vestibular evoked myogenic potential is a neurophysiological assessment technique used to determine the function of the otolithic organs of the inner ear.

OTOACOUSTIC EMISSION



The OAE test is used to find out how well your inner ear, or cochlea, works. It measures otoacoustic emissions, or OAEs. These are sounds given off by the inner ear when responding to a sound. There are hair cells in the inner ear that respond to sound by vibrating

NEWBORN HEARING SCREENING

The newborn hearing screening test helps identify babies who have permanent hearing loss as early as possible.



EAR MOULD MAKING

An ear mold is a piece of plastic or other soft material moulded to precisely fit in the ear and to deliver the sound from a BTE hearing aid.



AUDITORY VERBAL THERAPY



Auditory-Verbal Therapy facilitates optimal acquisition of spoken language through listening by newborns, infants, toddlers, and young children who are deaf or hard of hearing.

VESTIBULAR DISORDERS ASSESSMENT AND MANAGEMENT



Vestibular function tests are performed to **assess** the inner ear balance organs and to identify if one or both are working properly.

HEARING AID FITTING

Wide choice of Hearing aids to suit all needs and budgets. Scientific methods of selection and computer programs available, which can interface with the programmable hearing aids to meet individual amplification needs

