



# Hearing Evaluation: Community-based Approach

**BHPI**

hearing for all 2024

# For Adults

## *Whisper Test*



# For Adults

## *Conversation Voice Test*



**Table of Grade of Hearing Impairment**

<b>Performance with Conversational Voice Test</b>	<b>Grade of Impairment</b>	<b>Corresponding Audiometric ISO Value</b>
Able to hear whisper	No impairment	25dB or better
Able to hear and repeat words spoken in normal voice at 1 meter	Slight impairment	26-40dB
Able to hear and repeat words using raised voice at 1 meter	Moderate Impairment	41-60dB
Able to hear some words when shouted into better ear	Severe Impairment	61-80dB
Unable to hear and understand even in shouted voice	Profound Impairment	81dB or greater

# For Adults

*Rubbing your Finger In front of Patient's Ear*



# For Adults

## *Watch Test*



# For Adults

## *Ball Pen Click Test*



# For Adults

## *Tuning Fork Tests*

- **Rinne's Test**
- **Weber's Test**
- **Schwabach's Test**



# For Adults

## *Rinne's Fork Tests*

### **Bone Conduction**



### **Air Conduction**

## *Rinne's Fork Tests*

- Normal hearing or problem in the inner ear will make hearing by air in front of the ear same with the hearing by bone conduction behind the ear.
- If the bone conduction is better than the air conduction, the hearing loss might be in the external ear or in the middle ear.

# For Adults

## *Weber's Fork Tests*

- In normal hearing patient, sound will be heard on both ears equally.



## *Weber's Fork Test*

- If sound is only heard on the better ear, then the reported ear with hearing loss has sensorineural hearing loss.
- If the patient heard the sound in the reported poorer ear, then, the said problem ear might have conductive hearing loss.

# For Adults

## *Schwabach's Fork Tests*



## *Schwabach's Fork Test*

- “Schwabach prolonged” if heard longer by the patient.
- “Schwabach shortened or diminished” if heard longer by the examiner.
- “Schwabach normal” if heard for the same time by both.

# For Adults

## *Screening Audiometry*



# For Children 6 months to less than 5 years of age

*Using noise makers*





# For Children 6 months to less than 5 years of age

## *Clapping Your Hands*



# For Children 3 to 5 years old



*Ask the child to  
speak simple  
words after you*

# For Children 3 to 5 years old

## *Pointing tasks*

