Effective date: 1st June 2021 Last updated on: 14th May 2021	THE HONG KONG COLLEGE OF OTORHINOLARYNGOLOGISTS	Workplace-Based Assessment (WBA) on Practical Audiology

Trainee' Name: _____ **Assessor's Name:** _____ **Date:** _____

Parent Hospital: _____ **Current Hospital:** _____

Year of Training: ☐ HST1 ☐ HST2 ☐ HST3 ☐ HST4 **Location:** _____

Start time: _____ **End time:** _____ **Duration:** _____

Complexity: ☐ Low ☐ Moderate ☐ High

FEEDBACK:

Verbal and written feedback is a mandatory component of this assessment.

TRAINEE'S REFLECTIONS ON THIS ACTIVITY	
What did I learn from this experience?	
What did I do well?	
What do I need to improve or change? How will I achieve it?	
ACCESSOR'S FEEDBACK	
General:	
Strengths:	
Development Needs:	
Recommended Action:	

RATINGS

Your ratings should be judged against the standard for the trainee's stage of training. **N** = Not observed **D** = Development required, **S** = Satisfactory (no prompting or intervention required) **O** = Outstanding. (Circle as Appropriate)

COMPETENCIES		RATING	COMMENTS
INFECTION CONTROL		**N D S O**	
IC1	Proper infection control - Audiometer - Earphones - Bone vibrator - Otoscope - Otoscope speculum (should be new) - Response button		
CASE HISTORY		**N D S O**	
H1	Effective Communication Strategy.		
H2	Medical History/ Surgery/ Infections/ medications/ head trauma.		
H3	Exposure to loud noise during the previous 24 hours.		

H4	Tinnitus.		
H5	Identify better hearing ear.		
OTOSCOPY		**N D S O**	
OT1	Subject preparation.		
OT2	Brace otoscope correctly to avoid injuring the ear.		
OT3	Inspect the external ear canal, note the presence of ear wax.		
OT4	Determine possible collapsing canals with supra-aural earphones.		
OT5	Record observations on the audiogram.		
AIR-CONDUCTION AUDIOMETRY WITHOUT MASKING		**N D S O**	
A1	Instruct the patient clearly.		
A2	Remove earring, glasses and hearing aids if any.		
A3	Choose the correct earphone.		
A4	For circum-aural and supra-aural earphones, the diaphragm of the earphone should be centered over the ear canal.		
A5	For insert earphones the ear tip size should be appropriate and the outer end is flush with the entrance to the ear canal.		
A6	Start with the better-hearing ear first.		
A7	Initial familiarization by presenting a tone of 1000 Hz at 40 dB HL for a normally hearing subject or approximately 30 dB above the estimated threshold for a subject with a hearing impairment, but never more than 80 dB HL.		
A8	Use the 10-dB-down, 5-dB-up sequence.		
A9	Confirmed thresholds at least two out of two, three or four.		
A10	The duration of the presented tone shall be varied between 1 and 3 seconds.		
A11	Correct thresholds achieved at 1000 Hz.		
A12	Correct thresholds achieved at 2000 Hz.		
A13	Correct thresholds achieved at 4000 Hz.		
A14	Correct thresholds achieved at 8000 Hz.		
A15	Correct thresholds achieved at 500 Hz.		
A16	Correct thresholds achieved at 250 Hz.		
A17	Retest 1000 Hz.		
A18	Knowledge of when to test 750 Hz, 1500 Hz, 3000 Hz and 6000 Hz.		
A19	Knowledge of using warble tone stimulus for strong tinnitus patient.		

A20	Correct symbols were used.		
BONE CONDUCTION AUDIOMETRY WITHOUT MASKING		**N D S O**	
B1	Instruct the patient clearly.		
B2	Correct bone vibrator placement on the mastoid.		
B3	Test the worse hearing ear. (Defined by the a-c thresholds averaged between 500 Hz and 2000 Hz)		
B4	The initial presentation level should be clearly audible to the patient.		
B5	Use the 10-dB-down, 5-dB-up sequence.		
B6	Confirmed thresholds at least two out of two, three or four.		
B7	The duration of the presented tone shall be varied between 1 and 3 seconds.		
B8	Correct thresholds achieved at 1000 Hz.		
B9	Correct thresholds achieved at 2000 Hz.		
B10	Correct thresholds achieved at 500 Hz.		
B11	Correct symbols were used.		
B12	Explain vibrotactile threshold.		
B13	Know the limitation of bone vibrators.		
CROSS HEARING AND MASKING		**N D S O**	
M1	Explain cross-hearing.		
M2	Explain central masking.		
M3	Explain the principles of masking.		
	Rules of Masking.		
M4	**Rule 1** Masking is needed at any frequency where the difference between the left and right not-masked a-c thresholds is 40 dB or more when using supra- or circum-aural earphones or 55 dB or more when using insert earphones.		
M5	Rule 2 Masking is needed at any frequency where the not-masked b-c threshold is better than the air-conduction threshold of either ear by 10 dB or more. The worse ear (by air-conduction) would then be the test ear and the better ear would be the non-test ear to be masked.		
M6	**Rule 3** Masking will be needed additionally where Rule 1 has not been applied, but where the b-c threshold of one ear is more acute by 40 dB or more (if supra or circum-aural earphones have been used) or 55 dB or more (if insert earphones have been used) than the not-masked a-c threshold attributed to the other ear.		
M7	Explain plateau-seeking method and draw masking chart.		
M8	Explain masking dilemma.		

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MASKED AIR CONDUCTION AUDIOMETRY		N D S O	
MA1	Instruct the patient clearly.		
MA2	Effective masking plateau was established at 1000 Hz		
MA3	Effective masking plateau was established at 2000 Hz		
MA4	Effective masking plateau was established at 4000 Hz		
MA5	Effective masking plateau was established at 8000 Hz		
MA6	Effective masking plateau was established at 500 Hz		
MA7	Effective masking plateau was established at 250 Hz		
MA8	Masking noise is switched off immediately after test.		
MA9	Correct symbols were used.		
MASKED BONE CONDUCTION AUDIOMETRY		**N D S O**	
MB1	An insert earphone should be used for the non-test ear. A supra-aural or circum-aural earphone can be used if there is no alternative.		
MB2	Knowledge of the occlusion effect.		
MB3	Bone vibrator and earphone placed correctly.		
MB4	Effective masking plateau was established at 1000 Hz.		
MB5	Effective masking plateau was established at 2000 Hz.		
MB6	Effective masking plateau was established at 4000 Hz.		
MB6	Effective masking plateau was established at 500 Hz.		
MB7	Masking noise is switched off immediately after test.		
MB8	Correct symbols were used.		

OVERALL RATING (TICK AS APPROPRIATE)

Level 1	Can do with assistance	☐	**Comments:**
Level 2	Competent to do independently	☐	

SIGNATURE:

Trainee: _____	Assessor: _____