



### Self-Assessment/ Survey Tool for Z Benefit Package Providers for Children with Disabilities – Hearing Impairment

Name of Health Care Institution (HCI): \_\_\_\_\_

Date of Survey (mm/dd/yyyy): \_\_\_\_\_ Time started: \_\_\_\_\_ Time ended: \_\_\_\_\_

\_\_\_\_\_

**Directions for the HCI:**

1. Put a check (✓) under the HCI column if the standard is available and (✗) if not.
2. For outsourced services, through a Memorandum of Agreement (MOA), put a check (✓) under the HCI column and state in the remarks that the service is outsourced, and write the name of the outsourced service provider.

REQUIREMENTS		HCI		PHIC		REMARKS
		Yes	No	Yes	No	
<b>1</b>	<b>Hospital License and Accreditation</b>					
1.1	The HCI has an updated DOH License					
1.2	The HCI has an updated PhilHealth Accreditation					
<b>2</b>	<b>Minimum Service Capability</b>					
2.1	Mandatory Services as stated in PhilHealth Circular 2018 – 0011 OR with formal referral process to a licensed referral facility:					
2.2	Diagnostic audiologic assessment					
	i. Conditioned play audiometry					
	ii. Pure tone audiometry (air and bone conduction)					
	iii. Auditory Brainstem Response – Diagnostic					
	iv. Aided soundfield / freefield audiometry					
2.3	Provision of services for:					
	i. Hearing aid fitting and verification					
	ii. Earmold impression					
2.4	Speech evaluation and therapy					
	i. Early Speech Perception (ESP)					
	ii. Glendonald Assessment of Speech Perception (GASP)					
<b>3</b>	<b>Human Resources</b>					
3.1	PRC – Licensed Otolaryngologist with valid certification of good standing from the Philippine Society of Otolaryngology – Head and Neck Surgery					
3.2	An Audiologist with a degree of Master or PhD in Clinical Audiology, or Doctor of Audiology					

REQUIREMENTS		HCI		PHIC		REMARKS
		Yes	No	Yes	No	
3.3	A Speech Language Pathologist with a Bachelor of Science degree in Speech – Language Pathology from a duly recognized College / University by the Commission on Higher Education and a registered member of the Philippine Association of Speech Pathologists					
3.4	Support Personnel					
	Audiometrist					
3.5	Z- Benefit Coordinator					
3.6	Medical Social Worker					
4	<b>Equipment and Supplies</b>					
	<b>Minimum requirement for the assessment and habilitation of children 6 to less than 18 years old (HCI only provide the following Z package benefits Z020.5; Z020.6, Z020.7, Z020.8, Z020.9)</b>					
	Sound – treated room certified to have an ambient noise level not exceeding 35dB(A) <sup>1</sup>					
	i. Oscope					
	ii. Calibrated diagnostic audiometer with talkback system, and the following attachments:					
	1. Circumaural headphones					
	2. Insert phones					
	3. Bone conductor					
	4. Loudspeaker / Sound field system					
	iii. Real – ear or Speech mapping measurement system					
	iv. Hearing instrument programmer					
	v. Ear Impression Kit					
	1. Ear Impression Material					
	2. Cotton plugs / dams					
	3. Ear impression syringe					
	vi. Stethoclip / Listening tube					
	vii. Hearing aid battery tester					
	viii. Outcome assessment tool					
	<b>Minimum requirement for the assessment and habilitation of children 0 to less than 6 years old (HCI provides all Z package benefits for children with hearing disability)</b>					
	<b><i>HCI should have all the above equipment for children 6 to less than 18 years old and the following:</i></b>					
	i. Diagnostic evoked potential equipment, with insert phones and/or bone conductor					
	1. Insert phone Ear tips					
	2. Skin preparation gel					
	3. Conductive paste					

REQUIREMENTS		HCI		PHIC		REMARKS																						
		Yes	No	Yes	No																							
	4. Measurement electrodes																											
	ii. Visual reinforcement audiometry box																											
	iii. Books / toys as aid for hearing assessment and speech language testing																											
	<b>Minimum Hearing aid specs</b>																											
	Hearing Aid Type: digital signal processing, behind the ear hearing technology with accompanying custom ear mold Hearing Aid Features: 6 to 8 frequency band channels, feedback management, On – Off Switch, and Volume Control Hearing Aid Labeling and Packaging: Each hearing aid should be permanently marked with the name of manufacturer, model name, and serial number with electro acoustic performance data sheet and user guide included inside the packaging. Ear Mold Type: Custom fitted soft or hard silicone ear mold																											
	Modified WHO performance requirements (WHO, 2004)																											
	<table border="1"> <thead> <tr> <th>Hearing Aid Parameter</th> <th>Minimum Requirement</th> </tr> </thead> <tbody> <tr> <td>Maximum OSPL (90)</td> <td>100 – 130 dB SPL +/- 4dB</td> </tr> <tr> <td>OSPL (90) at 1KHz</td> <td>90 – 124 dB SPL +/- 4dB</td> </tr> <tr> <td>Maximum full-on acoustic gain</td> <td>45 – 67 dB SPL +5/- 0 dB</td> </tr> <tr> <td>Full-on acoustic gain at 1KHz</td> <td>42 – 70 dB SPL +5/- 0 dB</td> </tr> <tr> <td>Basic frequency response</td> <td>200 – 4500Hz 200 – 2000 Hz +/- 4dB SPL 2000 – 4500 Hz +/- 6dB SPL</td> </tr> <tr> <td>Total harmonic distortion at 70dB SPL input</td> <td>500 Hz &lt;8% 800 Hz &lt; 8% 1500 Hz &lt; 2%</td> </tr> <tr> <td>Equivalent input noise @ 1KHz</td> <td>&lt;30dB SPL @ 1KHz</td> </tr> <tr> <td>Battery current drain</td> <td>≤ 1mA</td> </tr> <tr> <td>Battery life</td> <td>2 – 3 weeks</td> </tr> <tr> <td>Telecoil sensitivity</td> <td>&gt;75dB at 10 mA/m</td> </tr> </tbody> </table>	Hearing Aid Parameter	Minimum Requirement	Maximum OSPL (90)	100 – 130 dB SPL +/- 4dB	OSPL (90) at 1KHz	90 – 124 dB SPL +/- 4dB	Maximum full-on acoustic gain	45 – 67 dB SPL +5/- 0 dB	Full-on acoustic gain at 1KHz	42 – 70 dB SPL +5/- 0 dB	Basic frequency response	200 – 4500Hz 200 – 2000 Hz +/- 4dB SPL 2000 – 4500 Hz +/- 6dB SPL	Total harmonic distortion at 70dB SPL input	500 Hz <8% 800 Hz < 8% 1500 Hz < 2%	Equivalent input noise @ 1KHz	<30dB SPL @ 1KHz	Battery current drain	≤ 1mA	Battery life	2 – 3 weeks	Telecoil sensitivity	>75dB at 10 mA/m					
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	*Preferred profile for hearing aid technology suitable for low – and middle – income countries (WHO, 2017)																											
5	<b>General algorithm of care</b>																											

REQUIREMENTS		HCI		PHIC		REMARKS
		Yes	No	Yes	No	
	Treatment algorithm and/or referral policy and/or MOA					
<b>6</b>	<b>Z Benefit Program Implementation</b>					
6.1	Awareness of the PhilHealth Z benefit program including No Balance Billing (NBB)					
6.2	Written Action plan/ commitment of the HCI to abide with the NBB policy					
6.3	Conduct advocacy programs/seminars at least annually upon renewal					
6.4	Process flow for the provision of services for Hearing Impairment					
6.5	Submit report on patient outcomes, and other statistical reports upon renewal					

<sup>1</sup>ANSI S3.1 – 1999

**PhilHealth Survey Team**

Surveyor's Name	Designation	Signature

**HCI Management Team**

Names of Management Team	Designation	Signature

**Remarks / Action Taken**