

Title	Demonstrate knowledge of hearing assistive technologies and teach their use for a person impacted by hearing loss		
Level	6	Credits	9

Purpose	People credited with this standard are able to, for a person impacted by hearing loss: identify and explain hearing aid types and components; explain and demonstrate the function, operation, and maintenance of hearing aids, cochlear implants, and other hearing assistive technologies; teach the use of hearing assistive technology, and evaluate own teaching.
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Classification	Health, Disability, and Aged Support > Hearing Therapy
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Available grade	Achieved
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Guidance Information

- 1 The performance of all outcomes of this unit standard must comply with any relevant cultural and legislative requirements including Te Tiriti o Waitangi ([Te Tiriti o Waitangi | The Treaty of Waitangi | Te Papa](#)), and the rights and responsibilities of people receiving services or supports as outlined in the Health and Disability Commissioner (Code of Health and Disability Services Consumers' Rights) Regulations 1996. ([Health and Disability Commissioner \(Code of Health and Disability Services Consumers' Rights\) Regulations 1996 \(SR 1996/78\)](#)).
- 2 Explanations and demonstrations in this unit standard that refer to the needs of a person impacted by hearing loss relate to the assessed communication needs of actual clients, or to scenarios created for the purpose of training and/or assessment.
- 3 Definition
Organisational standards refer to the policies, procedures and practices which reflect an organisation's service philosophy and the current and relevant ethical, legislative regulatory and contractual requirements to which the setting or role is subject.

Outcomes and performance criteria

Outcome 1

Identify and explain hearing aid types and components for a person impacted by hearing loss.

Performance criteria

- 1.1 Hearing aid types are identified and explained in terms of the needs of a person with hearing loss.
- Range hearing aid types must include – behind the ear (BTE), open fitted hearing aids (OFHA), in the ear (ITE), in the canal (ITC), completely in the canal (CIC), Invisible in the canal (IIC), receiver in the canal (RIC/RITE), bone-anchored hearing aid (BAHA), CROS aid, BICROS aid;
needs may include but are not limited to – level of hearing loss, physical dexterity, visual ability, cognitive function, personal choice.
- 1.2 Hearing aid earmoulds and tubing are identified and explained in terms of the needs of a person with hearing loss.
- Range earmoulds and tubing may include but are not limited to – skeletal, full-concha, half-concha, soft acrylic, dome, flange, pre-bent, open fit tubing;
needs may include but are not limited to – level of hearing loss, physical dexterity, visual ability, cognitive function.

Outcome 2

Explain and demonstrate the function, operation, and maintenance of hearing aids for a person who is impacted by hearing loss.

- Range hearing aid types may include but are not limited to – behind the ear (BTE), open fitted hearing aids (OFHA), in the ear (ITE), in the canal (ITC), completely in the canal (CIC), invisible in the canal (IIC), receiver in the canal (RIC/RITE), bone-anchored hearing aid (BAHA), CROS aid, BICROS aid;
must include a minimum of four hearing aid types.

Performance criteria

- 2.1 Hearing aid parts are identified and explained in terms of their function.
- Range hearing aid parts may include but are not limited to – on-off feature, receiver, volume control, battery compartment, microphone, tone-hook, telecoil, FM input, remote controls, variable programming, wireless connectivity, charging port (rechargeable hearing aids).
- 2.2 Operation of hearing aid is demonstrated in accordance with manufacturer's instructions.
- Range operation may include but is not limited to – battery insertion and removal, placement of hearing aid, use of controls, charging of rechargeable hearing aids.

- 2.3 Maintenance of hearing aids is demonstrated in accordance with manufacturer's instructions.
- Range maintenance routine may include but is not limited to – cleaning, wax removal, moisture removal, replacing filter covers, battery testing, hearing aid charging (rechargeable hearing aids).
- 2.4 Troubleshooting routines and minor repairs are demonstrated in accordance with organisational standards.
- Range troubleshooting routines and minor repairs may include but are not limited to – flat batteries, changing wax filters and microphone filters, assessing acoustic feedback, damaged or ill-fitting earmoulds, microphone function and battery jam, replacing tone hook, flat rechargeable hearing aids.

Outcome 3

Explain and demonstrate the function, operation, and maintenance of a cochlear implant for a person impacted by hearing loss.

Performance criteria

- 3.1 Cochlear implant types are identified and explained in terms of the needs of a person with hearing loss.
- Range behind the ear, off the ear;
needs may include but are not limited to – level of hearing loss, physical dexterity, cognitive function, visual ability, personal choice.
- 3.2 Cochlear implant parts are identified and explained in terms of their function.
- Range cochlear implant parts may include but are not limited to – electrode array, receiver stimulator package, magnet, coil, coil cables, sound processor components, (microphone, microphone covers, on-off, variable programming, connectivity - Direct Audio Input/Bluetooth, battery component - rechargeable/disposable), remote control (phone application/hand-held), volume and sensitivity control.
- 3.3 Cochlear implant accessories are identified and explained in terms of their function.
- Range cochlear implant accessories may include but are not limited to – assistive listening devices, retention devices, wireless streaming devices, drying kits;
evidence of two accessories is required.
- 3.4 Operation of cochlear implants is demonstrated in accordance with manufacturer's instructions.

- 3.5 Troubleshooting routines and minor repairs are demonstrated in accordance with organisational standards.

Range troubleshooting routine and minor repairs may include but are not limited to – batteries, microphones, coil coil cable, speech processor, magnet strength, microphone covers.

Outcome 4

Explain and demonstrate the function, operation, and maintenance of other hearing assistive technologies for a person impacted by hearing loss.

Range other hearing assistive technologies may include but are not limited to – alerting devices, FM remote microphones, infrared and loop systems, blue-tooth devices, sound systems, closed caption TV, specialised telephones, phone apps, personal amplifiers, maskers, sound generators; minimum of four required.

Performance criteria

- 4.1 The functions of other hearing assistive devices are explained in terms of the needs of a person with hearing loss.

Range needs may include but are not limited to – level of hearing loss, physical dexterity, visual ability, cognitive function, personal choice.

- 4.2 Operation of other hearing assistive devices is demonstrated in accordance with manufacturer's instructions.

- 4.3 Troubleshooting routines and minor repairs of other hearing assistive devices are demonstrated in accordance with organisational standards.

Range troubleshooting and minor repairs may include but are not limited to – batteries, cables, microphones, head and earphones, switches, connectivity.

Outcome 5

Teach the use of hearing assistive technology to a person impacted by hearing loss.

Range must include – either hearing aid or cochlear implant, plus two other hearing assistive devices; minimum of two clients.

Performance criteria

- 5.1 The hearing assistive technology is selected in consultation with the person and is appropriate to their needs.
- Range needs may include but are not limited to – level of hearing loss, physical dexterity, visual ability, cognitive function, cost, personal choice.
- 5.2 The use of selected hearing assistive technologies is explained and demonstrated according to the needs and abilities of the person with hearing loss.
- 5.3 The use of selected hearing assistive technologies is explained in terms of the theory that underpins each device's function.
- 5.4 Management strategies for selected hearing assistive technologies are taught in accordance with the person's needs and abilities.
- Range strategies may include but are not limited to – referral to relevant professional or supplier, informational counselling, maintenance and troubleshooting routines, individual usage plans.

Outcome 6

Evaluate own teaching of the use of hearing assistive technology to a person impacted by hearing loss.

Performance criteria

- 6.1 Evaluation identifies aspects of the teaching session that went well, and what could be improved.
- 6.2 Strategies for improvement of any identified aspects are suggested.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 April 2017	31 December 2025
Review	2	26 September 2024	N/A

Consent and Moderation Requirements (CMR) reference	0024
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Toitū te Waiora Community, Health, Education and Social Services Workforce Development Council info@toitutewaioara.nz if you wish to suggest changes to the content of this unit standard.