



Australian Government

HLTAUD007 Conduct basic audiometric testing

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Modification History

Release	Comments
1	This unit of competency was first released in HLT Health Release 10.0.

Application

This unit describes the skills and knowledge required to prepare for, conduct and interpret the results of basic audiometric testing in adults, including hearing screening tests and screening tympanometry. It includes the ability to establish a positive client relationship, perform otoscopy, conduct basic audiometric tests and recognise situations where referral to other health professionals is required.

This unit applies to workers who conduct basic audiometric testing. This may include audiometrists, allied health assistants supporting audiometrists and audiologists in health care organisations, nurses and Aboriginal and/or Torres Strait Islander health workers.

The skills in this unit must be applied in accordance with Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite unit(s)

No pre-requisite units

Competency field(s)

N/A

Unit sector(s)

Audiometry

Elements and Performance Criteria

Element	Performance criteria
<i>Elements define the essential outcomes</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>

1. Prepare for basic audiometric tests	1.1 Check and confirm forms and materials required for basic audiometric tests are available 1.2 Prepare physical environment and check ambient noise level meet Australian/New Zealand standards 1.3 Perform basic equipment checks and ensure calibration requirements are met 1.4 Check and confirm personal protective equipment is available for use
2. Establish a positive relationship with the client	2.1 Take basic case history and explain administrative procedures 2.2 identify client expectations using questioning and active listening 2.3 Explain purpose and process of otoscopy and audiometric tests using client-centric approach 2.4 Address client concerns and adapt communication to meet diverse needs 2.5 Obtain client consent and maintain confidentiality of client information
3. Conduct otoscopy	3.1 Follow personal hygiene and infection control, including hand hygiene, correct, use of personal protective equipment (PPE), and safe handling of materials, in accordance with organisational procedures 3.2 Conduct otoscopy and maintain client comfort according to organisational procedures 3.3 Identify contraindications requiring referral 3.4 Refer client for further assessment and treatment based on client needs, according to organisational procedures
4. Conduct basic audiometric tests	4.1 Perform pure-tone audiometry using air conduction according to organisational procedures, to identify any potential hearing loss 4.2 Perform screening tympanometry according to organisational procedures 4.3 Use basic audiometry equipment and instruments according to manufacturer instructions and organisational procedures. 4.4 Review test results for validity, reliability and accuracy according to organisational procedures 4.5 Identify unreliable test results and repeat testing according to standard protocols to obtain reliable results 4.6 Clean and store equipment according to manufacturer instructions and infection control procedures

	4.7 Discuss basic audiometric test results with clients
5. Document and report results	5.1 Record results according to Australian/New Zealand standards 5.2 Document summaries of the test outcomes using organisation-approved formats 5.3 Review test results to identify need for referral 5.4 Refer client for further assessment and treatment according to organisational procedures

Foundation skills

The foundation skills essential to performance of this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

Skill	Description
Reading	· interprets organisational procedures related to basic audiometric testing and referrals. · interprets equipment manufacturer instructions.
Writing	· documents test results using approved templates and terminology. · maintains client records in line with documentation standards.
Oral communication	· uses clear, respectful language to explain basic audiometric test procedures and obtain informed consent. · uses active listening and questioning techniques to clarify client expectations and concerns.
Numeracy	· interprets measured values and threshold levels.
Learning	· retrieves and evaluates information sources. · operates and monitors equipment safely and efficiently. · reflects on own practice and modify approach as needed.

Range of conditions

N/A

Assessment Requirements for HLTAUD007 Conduct basic audiometric testing

Performance Evidence

The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:

- followed organisational procedures to conduct reliable and accurate basic audiometric testing under the guidance of an audiologist or audiometrist for at least 15 different adult clients of varying ages, genders, and cultural backgrounds

While conducting the above basic audiometric testing, there must be evidence that the candidate has:

- conducted hearing tests appropriate to the needs of clients
- conducted pure-tone audiometry using air conduction only and screening tympanometry
- documented and reported all test results using organisation-approved formats
- identified the need for and made referrals for at least three clients.
- used a client-centred approach with all clients to:
 - communicate with clients
 - confirm client understanding
 - provide explanations of procedures and results

Knowledge Evidence

The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:

- national and state/territory legal and ethical requirements, including:
 - contractual obligations
 - duty of care
 - informed consent
 - privacy, confidentiality, and disclosure
 - records management
- standards and protocols for basic audiometry testing, including:
 - principles of screening audiometry
 - applications of screening audiometry for adults and occupational settings
 - infection control protocols

- contraindications for hearing assessments
 - physical environment requirements as per Australian and New Zealand standards
 - equipment calibrations, including biological calibration and compliance with annual calibration, as per Australian and New Zealand standards
- work roles, including:
 - responsibilities and limitations of hearing screener
 - boundaries of job role
 - indicators for referral
 - relationship with other health professionals
- principles of primary health care
- social determinants of health and how these contribute to inequities in ear and hearing healthcare
- epidemiology of hearing loss
- deaf culture
- hearing pathways
- common hearing disorders
- principles of client-centred approach
- basic anatomy of the ear, including:
 - peripheral auditory system
 - potential physical abnormalities
- tinnitus, including:
 - types of tinnitus
 - contributing factors
 - environmental strategies and devices to manage tinnitus
 - questionnaires to determine tinnitus severity and impact
- basic audiometric battery elements, including:
 - taking case history
 - otoscopy
 - air
 - bone
 - screening tympanometry
 - reporting results
- requirements of basic audiometric test results:

- reliability
- validity
- accuracy

Assessment Conditions

The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - basic audiometric testing equipment that meets Australian and New Zealand standards
 - appropriate testing environment
 - documentation that meets industry-recognised notation standards
 - organisational procedures relevant to conducting basic audiometric testing
- modelling of industry operating conditions, including:
 - problem solving activities
 - time constraints for completion of testing
 - provision of services to individuals with varied needs

Assessors must satisfy the current Standards for Registered Training Organisations (RTOs) /AQTF mandatory competency requirements for assessors.

Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
HLTAUD001 Assess hearing	Not-Equivalent	Change in unit outcome. Major changes in unit application, elements and performance evidence. Foundation skills added.

Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>.