



Australian Government

Department of Education, Employment and Workplace Relations

HLTSL402D Prepare client for sleep study procedure

Release: 1

HLTSL402D Prepare client for sleep study procedure

Modification History

HLT07 Version 4	HLT07 Version 5	Comments
HLTSL402C Prepare client for sleep study procedure	HLTSL402D - Prepare client for sleep study procedure	Unit updated in V5. ISC upgrade changes to remove references to old OHS legislation and replace with references to new WHS legislation. No change to competency outcome.

Unit Descriptor

Descriptor

This unit of competency describes the skills and knowledge required to prepare client for the sleep study procedure

Application of the Unit

Application

Work will be performed within a prescribed range of functions involving routine and non-routine methods and procedures which require the exercise of some discretion and judgement

Sleep studies are commonly conducted in hospitals and private clinics

All activities are carried out in accordance with organisation policies, procedures and infection control guidelines

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills

This unit contains Employability Skills

Elements and Performance Criteria Pre-Content

Elements define the essential outcomes of a unit of competency.

The Performance Criteria specify the level of performance required to demonstrate achievement of the Element. Terms in *italics* are elaborated in the Range Statement.

Elements and Performance Criteria

ELEMENT

1. Admit the *client*

PERFORMANCE CRITERIA

- 1.1 Greet *client* and check *details*
- 1.2 Clearly and simply *explain the procedure* to the client and their carer and obtain client consent/ agreement as required
- 1.3 Give the client/carers the opportunity to ask questions and discuss areas of concern
- 1.4 Take and record baseline observations
- 1.5 Determine client's special needs and/or suitability to undertake test
- 1.6 Refer abnormalities in observations or client unsuitability to supervisor or physician

ELEMENT**PERFORMANCE CRITERIA**

- | | |
|----------------------------------|--|
| 2. Prepare client for monitoring | 2.1 Utilise personal protective equipment in accordance with standard and additional precautions |
| | 2.2 Conduct head measurement to verify sites for electrode placement according to current standards and organisation policies and procedures |
| | 2.3 Identify positioning of <i>monitoring equipment</i> for other physiological measurements |
| | 2.4 Prepare client's skin for the application of electrodes in accordance with infection control guidelines and client needs |
| | 2.5 Position electrodes and apply correctly according to current standards and organisation policies and procedures |
| | 2.6 Position and apply correctly respiratory transducers according to current standards and organisation policies and procedures |
| | 2.7 Attach other monitoring equipment |

Required Skills and Knowledge

Essential knowledge:

The candidate must be able to demonstrate essential knowledge required to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes knowledge of:

- Anatomy and physiology related to sleep studies
- Basic understanding of outcome of sleep study
- Confidentiality requirements of client information
- Infection control policies, including standard and additional precautions relevant to sleep studies
- International 10/20 system as standard for electrode placement, and modified systems and other polygraphic placements
- Normal range of baseline observations

Essential skills:

It is critical that the candidate demonstrate the ability to:

- Apply knowledge of boundaries of responsibilities and refer problems to supervisor or other appropriate health professional
- Communicate effectively with clients/carers in relation to the procedure and manage clients' anxiety level
- Comply with policies and procedures including those of WHS and infection control
- Demonstrate all steps that must be taken to ensure equipment is safe and functioning correctly
- Identify and manage all forms of interference with trace

In addition, the candidate must be able to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes the ability to:

- Correctly prepare skin
- Measure for the placement of electrodes and sensors to achieve a polysomnographic recording of diagnostic quality
- Correctly place electrodes according to international 10/20 system
- Attach electrodes and leads and other polygraphic variables correctly
- Solve problems including an ability to use available resources

- Deal with conflict
- Work with others and display empathy with client and relatives
- Use reading and writing skills-literacy competence required to fulfil job roles in a safe manner and as specified by the organisation. The level of skill required involves reading and documenting clinical information and understanding complex policy and procedure manuals
- Use oral communication skills-language competence required to fulfil job roles in a safe manner and as specified by the organisation. Assessors should look for skills in asking questions, providing clear information, listening to and understanding workplace instructions, and clarifying workplace instructions when necessary. Effective verbal and non verbal communication skills with a range of internal and external persons are essential. Organisation may require competence in English or a community language, depending on client group
- Use numeracy skills ranging from the ability to complete basic arithmetic calculations, recording stock levels and statistical information
- Communicate with people from diverse cultural and linguistic backgrounds

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate this competency unit:

- The individual being assessed must provide evidence of specified essential knowledge as well as skills
- Where, for reasons of safety, space, or access to equipment and resources, assessment takes place away from the workplace, the assessment environment should represent workplace conditions as closely as possible
- Consistency of performance should be demonstrated over the required range of situations relevant to the workplace

EVIDENCE GUIDE

Context of and specific resources for assessment:

- Relevant organisation policy, guidelines, procedures and protocols

Method of assessment:

- Clinical skills involving direct client care are to be assessed initially in a simulated clinical setting (laboratory). If successful, a second assessment is to be conducted during workplace application under direct supervision
- Observation of work activities when preparing clients for sleep study
- Observation of simulation and/or role play when an preparing clients for sleep study
- Discussion of physical and/or behavioural contingency scenarios involving duty of care
- Authenticated transcripts of relevant education/training courses
- Recognition of relevant life/work experience
- Questioning, written assessments/projects, e-learning can be used to assess knowledge
- Authenticated reports of experience in preparing clients for sleep study (Documentation associated with performance reviews, supervisor/co-ordinator evaluations of work performance)
- Training records associated with First Aid, OH Safety training, Orientation/Induction Training, Safe Manual Handling, Universal infection control procedures
- Case study and scenario as a basis for discussion of issues and strategies to contribute to best practice

EVIDENCE GUIDE

- Access and equity considerations:*
- All workers in the health industry should be aware of access and equity issues in relation to their own area of work
 - All workers should develop their ability to work in a culturally diverse environment
 - In recognition of particular health issues facing Aboriginal and Torres Strait Islander communities, workers should be aware of cultural, historical and current issues impacting on health of Aboriginal and Torres Strait Islander people
 - Assessors and trainers must take into account relevant access and equity issues, in particular relating to factors impacting on health of Aboriginal and/or Torres Strait Islander clients and communities

Related units:

This unit should be assessed in conjunction with the following related units:

- HLTSL401D Prepare environment to perform sleep studies
- HLTSL403D Perform diagnostic sleep study
- HLTSL404D Perform treatment sleep study

Holistic assessment practice with other health services units of competency is encouraged

Range Statement

RANGE STATEMENT

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

RANGE STATEMENT

Clients may include:

- Infants
- Children
- Adolescents
- Adults
- Elderly

Client details may include:

- Name
- Address
- Date of birth
- Medical record number
- Type of test
- Special needs/suitability as determined by physician
- Measurements

Explanation of procedure may include:

- Specific test
- Equipment/cables
- Duration of test
- Orientation to environment

Client's carer may include:

- Parent
- Guardian
- Nurse
- Other carer eg for disabled

RANGE STATEMENT

Baseline observations may include:

- Pulse
- Blood pressure
- Oxygen saturation (SaO₂)
- Height
- Weight
- Neck circumference
- Body mass index (BMI)
- Medications
- Questionnaires
- Current alcohol intake
- Smoking history
- Sleep habits
- Questionnaire to include quality of life/ sleepiness measure

Special needs may include:

- Neuromuscular disorders
- Insulin dependent diabetes
- Parkinson's Disease
- Alzheimer's Disease
- Claustrophobia
- Medical conditions requiring nursing care
- Physical disabilities
- Other conditions requiring additional monitoring

Client's suitability may include:

- Cardio-respiratory distress
- Anxiety
- Acute medical condition
- Non-cooperative

Personal protective equipment may include:

- Gloves
- Mask
- Goggles
- Gown

RANGE STATEMENT

Positioning of monitoring equipment for other physiological measurement may include:

- Respiratory ie diaphragm, nasal, oral
- EMG

Types of electrophysiological monitoring requiring positioning and application of electrodes may include:

- Electroencephalography (EEG)
- Electromyography (EMG)
- Electrocardiography (ECG)
- Electroculography (EOG)

Monitoring equipment may include:

- Non-invasive blood pressure (NIBP)
- Nasal and oral flow monitors
- Oxygen and carbon dioxide monitors
- Abdominal and thoracic transducers
- Position monitor
- Sound monitor (snore sensor)
- Movement sensor
- Temperature monitor
- Oesophageal monitor
- Video/camera

Unit Sector(s)

Not Applicable