



Australian Government

Assessment Requirements for HLTMSG016 Apply principles of pain neuroscience

Release: 1

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Modification History

Not applicable.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- apply the principles of pain neuroscience involving:
 - conducting research of credible sources of information to update own knowledge of one recent neuroscience development
 - consulting with three clients to develop a documented treatment plan to meet their needs including their pain presentation
 - reflect on own practice after completing each of the three client consultations above.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- anatomy and physiology of the central and peripheral nervous system applicable to health care assessment and treatment:
 - key structures:
 - cerebrum
 - cerebellum
 - midbrain
 - brainstem
 - spinal cord
 - spinal synapses and lamina
 - key functions
 - monitoring and feedback mechanisms
 - how the anatomy and physiology of the central and peripheral nervous system relates to touch
- phases of sensory processing as related to pain:
 - transduction
 - transmission
 - modulation
 - perception
- how people experience pain

- how chronic pain is developed
- how acute pain is developed
- biopsychosocial approach to pain:
 - biological:
 - gender
 - physical health
 - genetic predisposition
 - immune function
 - effects of medication
 - psychological:
 - behaviours
 - emotions
 - attitudes and beliefs
 - level of stress and ability to cope
 - mental health
 - social:
 - family relationships
 - socio-economic factors
 - cultural factors
- basic neurological assessment:
 - dermatome
 - myotome
 - reflexes
- how a biopsychosocial understanding of pain can be applied to clinical practice
- modulation of pain:
 - placebo and nocebo and their effect on pain
- role of descending inhibition in relief of pain
- signs and symptoms of sensitisation:
 - peripheral
 - central
 - effect on chronic pain
- types of pain:
 - nociceptive
 - neuropathic
 - nociplastic
- principles of a client-centred approach:
 - empathy
 - non-judgemental attitude
- referral options for therapists:
 - allied health service and other health modalities

- medical practitioner
- support service
- types, limitations and availability of further medical testing
- criteria for determining credible sources of information
- documentation requirements for recording treatment details using industry standard abbreviations
- techniques for self-reflection.

Assessment Conditions

Skills must be demonstrated in a simulated clinical environment that reflects workplace conditions set up for the purpose of skills assessment.

Assessment must ensure access to:

- client information including health records
- treatment plan template
- private consultation area.

Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessor, and

- have current clinical experience working as a health care practitioner providing services to the general public.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>