



Australian Government

Assessment Requirements for MSTMF4010 Fit complex custom-made medical grade footwear and orthoses

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTMF6006A Fit, trial and review custom-made medical grade footwear and orthoses (high complexity and risk conditions).

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- fitted complex custom-made medical grade footwear or orthoses for at least one client with a foot condition that is highly complex or high risk.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- procedures for assessing performance of footwear and orthoses
- methods to communicate effectively with clients and carers
- methods to physically examine the foot, footwear and orthoses
- elements and principles of medical grade footwear, orthotic and prosthetic design and how they are used to meet specified requirements
- applied anthropometrics of the foot, including the variables in and effects of physical force systems on the body, and other physical characteristics of commercial orthoses and footwear
- principles of biomechanics and kinesiology that directly influence the design and development of medical grade footwear and orthoses
- anatomy, physiology and pathology required to carry out assessments up to and including high-risk foot-related medical conditions
- common medical conditions associated with foot-related problems
- high complexity and high risk foot conditions
- variables to accommodate differing foot measurements and general foot shape needs:
 - individual tissue tolerances
 - nature and extent of functional demands
 - existing foot characteristics, including joint stiffness and prominent deformities
 - potential interventions involving casting and last
 - styles and material characteristics
- measurement methods:
 - statically
 - dynamically
 - with functional simulation

- weight bearing-and gait pattern analysers
- with manipulations to achieve greater correction or accommodation of the foot
- locations that fittings can take place
- safe work practices associated with fitting footwear and orthoses for clients with foot conditions that are of high complexity or high risk.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including safety equipment and standard operating procedures
- modelling of industry operating conditions, including access to clients.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>