



Australian Government

**Assessment Requirements for MSTMF4006
Fit medical grade footwear and orthoses
that are not complex**

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTMF5002A Fit, trial and review medical grade footwear and orthoses (up to medium complexity and risk conditions).

Performance Evidence

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

- fitted medical grade footwear or orthoses for two different clients with different needs.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- elements and principles of medical grade footwear and orthotic 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
- medium complexity and risk foot conditions and how each should be addressed
- anatomy, physiology and pathology required to carry out assessments up to and including medium-risk foot-related medical conditions
- common medical conditions associated with foot-related problems
- 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
- assessment and measurement techniques to:
 - evaluate foot and related total body biomechanics
 - observe general physical condition and presenting medical conditions
 - directly examine foot and related structures, including palpation
 - obtain data of client's walk pattern using gait analysis techniques
 - obtain measurements of foot, footwear and orthoses
 - observe and clarify pathology, deformities, muscle forms, and joint functions
 - use computer-aided equipment

- discuss client's expectations of medical grade footwear and orthoses
- determine time required for adaptation to new footwear or orthoses
- determine client's ability to comply with instructions on use of footwear or orthoses
- measurement methods:
 - statically
 - dynamically
 - with and without functional simulation
 - weight bearing and gait pattern analysers
 - with manipulations to achieve greater correction or accommodation of the foot
- footwear, orthoses, construction, standards and terminology
- diagnostic and definitive orthoses constructions
- modification processes to adjust and refine orthoses
- materials, tools and equipment used to fit medical grade footwear and orthoses
- legal, ethical and work health and safety (WHS) requirements associated with fitting medical grade footwear and orthoses
- general housekeeping policies and procedures, including cleaning agents and equipment used with medical grade footwear and orthoses.

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, technology and resources, including a workspace used to fit medical grade footwear and orthoses
- 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>