Assessment Requirements for HLTDET015 Construct complete removable acrylic dentures and appliances

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Modification History

Release	Comments
Release 1	This version was released in *HLT Health Training Package release 3.0* and meets the requirements of the 2012 Standards for Training Packages.
	Minimal changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements. Removal of pre-requisites
	Supersedes HLTDT519C

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:

- read and correctly interpreted 2 work orders, arranged artificial teeth, and used standard precautions and safe work practices to wax, process and finish 1 maxillary and 1 mandibular complete acrylic prosthesis to a standard suitable for insertion in the mouth
- critically evaluated the 2 complete acrylic prostheses produced to meet technical laboratory and patient requirements, including confirming that each acrylic prosthesis:
  - is compliant with the work order
  - is free from defects
  - is functionally effective in line with the design and occlusion and is suitable for insertion in the mouth.

Knowledge Evidence

The candidate must 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:

- Australian/New Zealand Standards, workplace health and safety (WHS) policies, Dental Board of Australia guidelines on infection control, Commonwealth and State/Territory legislation and organisation policies relating to dental laboratory work
- fundamental oral anatomy including:
  - dentition – arrangement of the teeth, naming and coding of teeth

- structures of the oral cavity – hard and soft palate, lateral and posterior borders of the oral cavity, tongue and floor of the mouth
  - teeth form and function
- articulation procedures
- properties of a range of dental materials used in the construction of removable acrylic prostheses including:
  - atomic structure
  - chemical bonding and reactions
  - classification of materials
  - classification of matter
  - properties of materials
- knowledge of dental polymers including:
  - acrylic and modified acrylic prosthetic teeth
  - acrylic plastics as soft liners
  - acrylic plastics for denture bases including composition and properties
  - acrylic-metal combinations
  - acrylics for construction of custom trays
  - modified acrylic denture base plastics including manipulation and processing
  - the polymerisation process including cross-linked polymers, copolymers, modified polymers and vinyl plastics
- mechanical devices:
  - articulators
  - face-bows
- recording techniques and devices
- relevant material science for carrying out procedures.

Assessment Conditions

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

- use of suitable facilities, equipment and resources including:
  - access to work order
  - Dental Board of Australia guidelines on infection control on which the candidate bases the planning process
  - laboratory safety manuals and standard operating procedures in line with relevant Commonwealth and State/Territory legislation
  - WHS policies on which the candidate bases the planning process.

Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705