



Australian Government

HLTDET011 Construct ceramic and fixed restorations

Release: 1

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Modification History

Release	Comments
Release 1	<p>This version was released in <i>HLT Health Training Package release 3.0</i> and meets the requirements of the 2012 Standards for Training Packages.</p> <p>Merged HLTDT512D/HLTDT513C</p> <p>Significant changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements.</p> <p>Removal of pre-requisites</p>

Application

This unit of competency describes the skills and knowledge required to take a tooth shade and construct ceramic and fixed restorations.

This unit applies to work in dental technology.

The skills in this unit must be applied in accordance with Commonwealth and State/Territory legislation, Australian/New Zealand Standards and industry codes of practice.

Elements and Performance Criteria

ELEMENT

Elements define the essential outcomes

1. Take tooth shade

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Read and interpret work order

1.2 Provide full details of the procedure to the patient or carer where appropriate

1.3 Obtain and document consent following ethical and legal requirements

1.4 Consider the accuracy of natural and artificial light

1.5 Position the patient correctly for the procedure

1.6 Consult patient regarding requirements and aesthetic outcomes

1.7 View mouth to gain overview of procedure.

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.8 Select technique and prepare equipment and materials for tooth shade recording

1.9 Implement standard precautions to prevent the spread of infection

1.10 Instruct patient on participation during the procedure

1.11 Select tooth shade and consult patient regarding findings, and gain acceptance

1.12 Document the tooth shade

1.13 Discuss any follow-up procedures with the patient

2. Prepare sub-structures

2.1 Read and interpret the work order

2.2 Design and form substructure

2.3 Process the substructure

2.4 Assess substructure for accuracy and appropriateness

2.5 Prepare the bonding surface of the substructure if required for porcelain build up in accordance with the manufacturer's instructions

3. Select, apply and process ceramics

3.1 Select appropriate ceramic for substructure or restoration

3.2 Apply procedures to selected ceramic for substructures or restoration

3.3 Process the restoration in accordance with the manufacturer's instructions

4. Trim, shape and finish ceramic restorations

4.1 Trim the ceramic restoration to required anatomical shape

4.2 Finish the ceramic restoration to meet clinically accepted standards

4.3 Evaluate the quality of the finished restoration

4.4 Decontaminate the ceramic restoration according to infection control guidelines

4.5 Dry the ceramic restoration, place on model and place

ELEMENT**PERFORMANCE CRITERIA**

Elements define the essential outcomes

Performance criteria describe the performance needed to demonstrate achievement of the element.

in a sealed container for dispatch and record completed work order

Foundation Skills

The Foundation Skills describe those required skills (language, literacy, numeracy and employment skills) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No Equivalent Unit

Links

Companion Volume implementation guides are found in VETNet -

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