



**Australian Government**

# **HLTDET012 Construct orthodontic appliances**

**Release: 1**

## HLTDET012 Construct orthodontic appliances

### 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>Minimal changes to the elements and performance criteria. New evidence requirements for assessment including volume and frequency requirements.</p> <p>Removal of pre-requisites</p> <p>Supersedes HLTDT514D</p>

### Application

This unit of competency describes the skills and knowledge required to construct removable orthodontic appliances.

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

#### PERFORMANCE CRITERIA

Elements define the essential outcomes

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

1. Select and assemble components and materials

1.1 Select materials for removable orthodontic appliances according to design and function specified in work order

1.2 Select the required pre-formed components and confirm they are fit for the purpose

1.3 Construct individual custom-made components according to work order

2. Construct orthodontic appliance

2.1 Secure components to model by appropriate means

2.2 Apply appropriate materials to the model to form a baseplate according to manufacturers' instructions and

**ELEMENT****PERFORMANCE CRITERIA**

Elements define the essential outcomes

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

the work order

2.3 Process the appliance using equipment and techniques according to manufacturers' instructions and the work order

3. Finish orthodontic appliances

3.1 Select techniques, materials and equipment for trimming, finishing and polishing appropriate to the type and materials of the appliance

3.2 Trim and finish the baseplate to the thickness and coverage required

3.3 Finish and polish metal components ensuring surfaces that are free of sharp edges and irregularities

3.4 Evaluate the finished appliance

3.5 Decontaminate the appliance according to infection control guidelines

3.6 Place the appliance in a sealed container for dispatch

**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>

