



Western Technical College

10508123 EFDA Prosthodontic Procedures

Course Outcome Summary

Course Information

Description	Learn how to perform dental prosthodontic procedures including adjustment of dentures and other removable oral appliances, impressions, packing cord, and removal of sutures and dressings.
Career Cluster	Health Science
Instructional Level	Technical Diploma Courses
Total Credits	2
Total Hours	45

Pre/Corequisites

Pre/Corequisite	10-508-101/31-508-301 Dental Health Safety
Pre/Corequisite	10/508-304/31-508-304 Dental and General Anatomy

Course Competencies

1. Relate oral structures to removable appliances

Assessment Strategies

- 1.1. Oral, Written, Graphic and/or Skill Assessment

Criteria

- 1.1. adapt the oral appliance to the oral structure
- 1.2. locate muscle attachments
- 1.3. locate hard and soft palates
- 1.4. locate mucobuccal borders

2. Characterize the properties of dental materials used for removable appliances

Assessment Strategies

- 2.1. Oral, Written, Graphic and/or Skill Assessment

Criteria

- 2.1. identify acrylics
- 2.2. identify thermoformed appliances
- 2.3. explain thermal properties
- 2.4. identify custom lab made appliances
- 2.5. describe abrasiveness
- 2.6. identify preformed appliances
- 2.7. identify waxes

3. Identify the function and parts of oral appliances**Assessment Strategies**

- 3.1. Oral, Written, Graphic and/or Skill Assessment

Criteria

- 3.1. identify and provide rationale for components of full denture
- 3.2. identify and provide rationale for components of partial denture
- 3.3. identify and provide rationale for thermal formed oral appliances
- 3.4. identify and provide rationale for lab/custom fabricated oral appliances

4. Adjust dentures**Assessment Strategies**

- 4.1. Skill Demonstration

Criteria

- 4.1. determine need for adjustment
- 4.2. follow safety and infection control protocol
- 4.3. select correct armamentarium
- 4.4. reduce or modify denture
- 4.5. polish denture
- 4.6. position yourself and patient correctly to maintain proper ergonomics
- 4.7. perform all steps in an appropriate sequence
- 4.8. employ safety precautions
- 4.9. follow manufacturer's instructions for each material type
- 4.10. provide pre and post operative instructions to patient
- 4.11. document procedure on patient record

5. Adjust removable appliances (not dentures)**Assessment Strategies**

- 5.1. Skill Demonstration

Criteria

- 5.1. determine need for adjustment
- 5.2. follow safety and infection control protocol
- 5.3. select correct armamentarium
- 5.4. reduce or modify the oral appliance
- 5.5. polish the oral appliance
- 5.6. position yourself and patient correctly to maintain proper ergonomics
- 5.7. perform all steps in an appropriate sequence
- 5.8. employ safety precautions
- 5.9. follow manufacturer's instructions for each material type
- 5.10. provide pre and post operative instructions to patient
- 5.11. document procedure on patient record

6. Perform removal of sutures**Assessment Strategies**

- 6.1. Skill Demonstration

Criteria

- 6.1. identify the types of sutures
- 6.2. demonstrate proper removal techniques

- 6.3. follow safety and infection control protocol
- 6.4. select correct armamentarium
- 6.5. position yourself and patient correctly to maintain proper ergonomics
- 6.6. perform all steps in an appropriate sequence
- 6.7. employ safety precautions
- 6.8. provide pre and post operative instructions to patient
- 6.9. document procedure on patient record

7. Perform the removal of dressings

Assessment Strategies

- 7.1. Oral, Written and/or Skill Assessment

Criteria

- 7.1. follow safety and infection control protocol
- 7.2. evaluate tissues
- 7.3. select correct armamentarium
- 7.4. successfully remove dressing
- 7.5. position yourself and patient correctly to maintain proper ergonomics
- 7.6. perform all steps in an appropriate sequence
- 7.7. employ safety precautions
- 7.8. provide pre and post operative instructions to patient
- 7.9. document procedure on patient record

8. Perform gingival retraction

Assessment Strategies

- 8.1. Skill Demonstration

Criteria

- 8.1. review medical history
- 8.2. follow safety and infection control protocol
- 8.3. select correct armamentarium
- 8.4. select cord materials
- 8.5. place cord
- 8.6. remove cord
- 8.7. control hemostasis
- 8.8. demonstrate techniques for moisture control and isolation
- 8.9. position yourself and patient correctly to maintain proper ergonomics
- 8.10. perform all steps in an appropriate sequence
- 8.11. employ safety precautions
- 8.12. follow manufacturer's instructions for each material type
- 8.13. provide pre and post operative instructions to patient
- 8.14. document procedure on patient record

9. Perform impressions for dental procedures

Assessment Strategies

- 9.1. Skill Demonstration

Criteria

- 9.1. follow safety and infection control protocol
- 9.2. select correct armamentarium
- 9.3. demonstrate techniques for moisture control and isolation
- 9.4. demonstrate proper operator positioning while taking maxillary and mandibular impressions
- 9.5. demonstrate proper impression techniques to include seating and removing
- 9.6. choose the proper tray size
- 9.7. demonstrate techniques for impressions and bite registrations utilizing various types of materials
- 9.8. perform all steps in an appropriate sequence
- 9.9. employ safety precautions
- 9.10. follow manufacturer's instructions for each material type
- 9.11. provide pre and post operative instructions to patient
- 9.12. document procedure on patient record