



Western Technical College

## 31508308 Dental Chairside - Advanced

### Course Outcome Summary

#### Course Information

<b>Description</b>	Prepares dental auxiliary students to operate x-ray units and expose bitewing, periapical, extra oral, and occlusal radiographs. Emphasis is placed on protection against x-ray hazards. Students also process, mount, and evaluate radiographs for diagnostic value. In this course students demonstrate competency on a manikin. In addition, students expose bitewing radiographs on a peer, role play patient.
<b>Career Cluster</b>	Health Science
<b>Instructional Level</b>	Technical Diploma Courses
<b>Total Credits</b>	5
<b>Total Hours</b>	216

#### Pre/Corequisites

Prerequisite	31508302 Dental Chairside
Prerequisite	10508103 Dental Radiography

#### Textbooks

*Dental Instruments: A Pocket Guide to Identification - with CD.* 2nd Edition. Copyright 2012. Mitchell, Melanie. Publisher: Jones and Bartlett. **ISBN-13:** 978-1-284-26814-0. Required.

*Dental Assisting: Comprehensive Approach.* 6th Edition. Copyright 2023. Singahl, Vaishali, Susan Kantz, Melissa Damatta, Donna Phinney, and Judy Halstaed. Publisher: Cengage Learning. **ISBN-13:** 978-0-357-45652-1. Required.

#### Learner Supplies

Safety Glasses. **Vendor:** Campus Shop. Required.

Utility Gloves. **Vendor:** To be discussed in class. Required.

Lab Coat. **Vendor:** To be discussed in class. Required.

## Success Abilities

1. Cultivate Passion: Expand a Growth-Mindset
2. Cultivate Passion: Increase Self-Awareness
3. Live Responsibly: Develop Resilience
4. Live Responsibly: Embrace Sustainability
5. Live Responsibly: Foster Accountability
6. Refine Professionalism: Act Ethically
7. Refine Professionalism: Improve Critical Thinking
8. Refine Professionalism: Participate Collaboratively
9. Refine Professionalism: Practice Effective Communication

## High Impact Practices

1. Community Based Learning Project: a key learning outcome of this course is to connect academic learning and civic development while simultaneously addressing a community partner's needs, interests, or problems.

## Program Outcomes

1. DA-1 year: Perform a variety of advanced supportive dental procedures
2. DA-1 year: Manage infection and hazard control
3. DA-1 year: Demonstrate professional behaviors, ethics, and appearance

## Course Competencies

1. **Adapt dental assisting techniques when assisting with pediatric dentistry.**

### Assessment Strategies

- 1.1. in a skill demonstration in which you fabricate a stainless steel crown
- 1.2. in a skill demonstration in which you assist with a pulpotomy
- 1.3. in a clinical setting

### Criteria

*You will know you are successful when*

- 1.1. you select the correct armamentarium.
- 1.2. you position yourself and manikin correctly.
- 1.3. you anticipate procedural steps.
- 1.4. you perform all steps in the right order.
- 1.5. you provide post-operative instructions.
- 1.6. you communicate professionally with the patient.
- 1.7. you employ safety precautions.

- 1.8. you utilize infection control protocol.
- 1.9. you wear personal protective equipment.
- 1.10. you adapt stainless steel crown to the prepped tooth.
- 1.11. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

### **Learning Objectives**

- 1.a. Use dental terminology related to pediatrics appropriately.
- 1.b. Describe the scope of pediatric dentistry.
- 1.c. Identify oral pathology as it relates to pediatric dentistry.
- 1.d. Describe the role of a pediatric assistant.
- 1.e. Differentiate among various pediatric procedures.
- 1.f. Explain the urgent care treatment for pediatric emergencies.
- 1.g. Identify the armamentarium and materials used in pediatric procedures.
- 1.h. Describe how to prepare a pediatric patient for treatment.
- 1.i. Explain the role of the parent/guardian in pediatric dentistry.
- 1.j. Describe behavior management techniques of the pediatric patient.
- 1.k. Identify the indications for a stainless steel crown.
- 1.l. Sequence the steps in fabricating a stainless steel crown.
- 1.m. Sequence the steps in various pediatric procedures.
- 1.n. List post-operative instructions following a pediatric procedure.
- 1.o. Identify the ethical responsibility of noted child abuse.
- 1.p. Select appropriate communication skills throughout the dental procedure.
- 1.q. Determine safety procedures to follow during pediatric procedures.
- 1.r. Identify the personal protective equipment required.
- 1.s. Identify appropriate aseptic techniques during pediatric procedures.

## **2. Evaluate nutrition and its relationship to total health.**

### **Assessment Strategies**

- 2.1. in a completed diet assessment

### **Criteria**

*You will know you are successful when*

- 2.1. you record the dietary intake of food choices.
- 2.2. you compare diet to US government standards.
- 2.3. you complete a dietary analysis that shows the relationship between the food diary and total health.
- 2.4. you identify strengths and weaknesses of the diet.

### **Learning Objectives**

- 2.a. Use dental terminology related to nutrition appropriately.
- 2.b. Explain the current recommended food guidelines.
- 2.c. Describe the characteristics and function of major nutrients.
- 2.d. Interpret a food label.
- 2.e. Explain the effects of diet on oral/total health.
- 2.f. Identify the health risks related to diet.
- 2.g. Explain the dietary requirements for patients with special needs.
- 2.h. Interpret a food diary into a diet evaluation form.
- 2.i. Identify oral pathology as it relates to nutrition.
- 2.j. Select appropriate communication skills throughout nutritional counseling.

## **3. Assist with a sealant procedure.**

### **Assessment Strategies**

- 3.1. in a skill demonstration in which you assist with a sealant procedure on a manikin
- 3.2. in a clinical setting

### **Criteria**

*You will know you are successful when*

- 3.1. you select the correct armamentarium.
- 3.2. you position yourself and patient correctly.
- 3.3. you anticipate procedural steps.
- 3.4. you perform all steps in the right order.

- 3.5. you provide post-operative instructions.
- 3.6. you communicate professionally with the patient.
- 3.7. you employ safety precautions.
- 3.8. you utilize infection control protocol.
- 3.9. you wear personal protective equipment
- 3.10. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

**Learning Objectives**

- 3.a. Use dental terminology related to sealants appropriately.
- 3.b. Explain the purpose of sealants.
- 3.c. Describe the responsibility of the assistant in a sealant procedure.
- 3.d. Differentiate among the types of sealant materials.
- 3.e. Identify the armamentarium and materials used in sealant procedures.
- 3.f. Describe how to prepare a patient for sealants.
- 3.g. Sequence the steps in various sealant procedures.
- 3.h. Select appropriate communication skills throughout the dental procedure.
- 3.i. Determine safety procedures to follow during sealant procedures.
- 3.j. Identify the personal protective equipment required.
- 3.k. Identify appropriate aseptic techniques during sealant procedures.

**4. Perform coronal polishing procedure.**

**Assessment Strategies**

- 4.1. in a skill demonstration in which you perform coronal polishing on a manikin/role-play peer or patient
- 4.2. in a clinical setting

**Criteria**

*You will know you are successful when*

- 4.1. you select the correct armamentarium.
- 4.2. you position yourself and patient correctly.
- 4.3. you perform all steps in the right order.
- 4.4. you communicate professionally with the patient.
- 4.5. you employ safety precautions when using handpiece.
- 4.6. you utilize infection control protocol.
- 4.7. you wear personal protective equipment.
- 4.8. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

**Learning Objectives**

- 4.a. Use dental terminology related to coronal polishing appropriately.
- 4.b. Identify the indications for coronal polishing.
- 4.c. Differentiate among the types of abrasives.
- 4.d. Identify the concepts of fulcrum, grasp, speed, and pressure in the use of a low-speed handpiece.
- 4.e. Compare direct and indirect vision techniques when coronal polishing
- 4.f. Identify the armamentarium and materials used during coronal polishing
- 4.g. Describe how to prepare a patient for coronal polishing.
- 4.h. Sequence the steps in a coronal polishing procedure.
- 4.i. Select appropriate communication skills throughout the dental procedure.
- 4.j. Determine safety procedures to follow during coronal polishing.
- 4.k. Identify the personal protective equipment required.
- 4.l. Identify appropriate aseptic techniques during coronal polishing.

**5. Apply fluoride agents.**

**Assessment Strategies**

- 5.1. in a skill demonstration in which you apply fluoride agents on a role-play peer or patient
- 5.2. in a clinical setting

**Criteria**

*You will know you are successful when*

- 5.1. you identify that there is a consent form.
- 5.2. you select the correct armamentarium.
- 5.3. you position yourself and patient correctly.

- 5.4. you perform all steps in the right order.
- 5.5. you provide post operative instructions.
- 5.6. you communicate professionally with the patient.
- 5.7. you employ safety precautions.
- 5.8. you utilize infection control protocol.
- 5.9. you wear personal protective equipment.
- 5.10. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

**Learning Objectives**

- 5.a. Use dental terminology related to fluoride appropriately.
- 5.b. Describe the effectiveness of fluoride on teeth.
- 5.c. Identify the indications for applying fluoride agents.
- 5.d. Differentiate among the types of fluoride.
- 5.e. Differentiate among the techniques of fluoride application.
- 5.f. Identify the armamentarium and materials used during applying fluoride.
- 5.g. Describe how to prepare a patient for a fluoride application.
- 5.h. Sequence the steps in a fluoride application procedure.
- 5.i. Select appropriate communication skills throughout the dental procedure.
- 5.j. Determine safety procedures to follow during fluoride application.
- 5.k. Identify the personal protective equipment required.
- 5.l. Identify appropriate aseptic techniques during fluoride application.

**6. Apply topical anesthetic.**

**Assessment Strategies**

- 6.1. in a skill demonstration in which you apply topical anesthetic on a manikin/role play peer
- 6.2. in a clinical/lab setting

**Criteria**

*You will know you are successful when*

- 6.1. you select the correct armamentarium.
- 6.2. you position yourself and manikin correctly.
- 6.3. you perform all steps in the right order.
- 6.4. you communicate professionally with the patient.
- 6.5. you employ safety precautions.
- 6.6. you utilize infection control protocol.
- 6.7. you wear personal protective equipment.
- 6.8. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

**Learning Objectives**

- 6.a. Use dental terminology related to topical anesthetic appropriately.
- 6.b. Differentiate among the types of topical anesthetic and their use in dentistry.
- 6.c. Identify the Trigeminal nerve and the branches.
- 6.d. Identify the injection sites for local anesthetic.
- 6.e. Sequence the steps in applying topical anesthetic.
- 6.f. Identify the armamentarium and materials used in applying topical anesthetic.
- 6.g. Select appropriate communication skills throughout the dental procedure.
- 6.h. Determine safety procedures to follow during application of topical anesthetic.
- 6.i. Identify the personal protective equipment required.
- 6.j. Identify appropriate aseptic techniques during application of topical anesthetic.

**7. Position dental dam.**

**Assessment Strategies**

- 7.1. by completing a skill demonstration in which you position a dental dam on a manikin/role play peer
- 7.2. in a clinical setting

**Criteria**

*You will know you are successful when*

- 7.1. you select correct armamentarium.
- 7.2. you position yourself and manikin/role play peer correctly.
- 7.3. you prepare the dental dam according to operative field.

- 7.4. you position and ligate clamp and frame.
- 7.5. you maintain a dry operative field.
- 7.6. you remove dental dam.
- 7.7. you perform all steps in the right order.
- 7.8. you communicate professionally with the patient.
- 7.9. you employ safety precautions.
- 7.10. you utilize infection control protocol.
- 7.11. you wear personal protective equipment.

#### **Learning Objectives**

- 7.a. Use dental terminology related to dental dam appropriately.
- 7.b. Explain the purpose of a dental dam.
- 7.c. Identify the armamentarium and materials used in positioning the dental dam.
- 7.d. Describe the various operative fields of exposure.
- 7.e. Sequence the steps in preparing, placing and removing the dental dam.
- 7.f. Select appropriate communication skills throughout the dental procedure.
- 7.g. Determine safety procedures to follow during placement and removal of dental dam.
- 7.h. Identify the personal protective equipment required.
- 7.i. Identify appropriate aseptic techniques during placement and removal of dental dam.

### **8. Adapt dental assisting techniques when assisting during orthodontics.**

#### **Assessment Strategies**

- 8.1. in a skill demonstration in which you assist with orthodontic treatment using a manikin
- 8.2. in a clinical setting

#### **Criteria**

*You will know you are successful when*

- 8.1. you select the correct armamentarium.
- 8.2. you position yourself and manikin correctly.
- 8.3. you anticipate procedural steps.
- 8.4. you perform all steps in the right order.
- 8.5. you provide post-operative instructions.
- 8.6. you communicate professionally with the patient.
- 8.7. you employ safety precautions.
- 8.8. you utilize infection control protocol.
- 8.9. you wear personal protective equipment.
- 8.10. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

#### **Learning Objectives**

- 8.a. Use dental terminology related to orthodontics appropriately.
- 8.b. Describe the scope of orthodontics.
- 8.c. Identify oral pathology as it relates to orthodontics.
- 8.d. Identify the causes of malocclusion
- 8.e. Review Angle's Classification of Malocclusion.
- 8.f. Describe preventive, interceptive, and corrective phases of orthodontic treatment.
- 8.g. Describe the principles of tooth movement.
- 8.h. Describe the assistants role in diagnostic records and consultation appointments.
- 8.i. Differentiate between fixed and removable orthodontic appliances.
- 8.j. Describe the assistants role during various orthodontic treatment procedures.
- 8.k. Identify orthodontic instruments according to function.
- 8.l. Identify the armamentarium and materials used in orthodontic procedures.
- 8.m. Describe how to prepare a patient for orthodontic treatment.
- 8.n. Sequence the steps in various orthodontic treatment procedures.
- 8.o. Identify postoperative complications.
- 8.p. List post-operative instructions given to a patient following an orthodontic procedure.
- 8.q. Select appropriate communication skills throughout the dental procedure.
- 8.r. Determine safety procedures to follow during orthodontic procedures.
- 8.s. Identify the personal protective equipment required.
- 8.t. Identify appropriate aseptic techniques during orthodontic procedures.

### **9. Adapt dental assisting techniques when assisting with oral maxillofacial surgery.**

### **Assessment Strategies**

- 9.1. in a skill demonstration in which you assist with a simulated surgical procedure using a manikin
- 9.2. in a skill demonstration in which you trim and remove sutures on a manikin/role-play peer
- 9.3. in a clinical setting

### **Criteria**

*You will know you are successful when*

- 9.1. you select the correct armamentarium.
- 9.2. you position yourself and manikin/role play peer correctly.
- 9.3. you anticipate procedural steps.
- 9.4. you perform all steps in the right order.
- 9.5. you provide post operative instructions.
- 9.6. you communicate professionally with the patient.
- 9.7. you employ safety precautions.
- 9.8. you utilize infection control protocol.
- 9.9. you wear personal protective equipment.
- 9.10. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

### **Learning Objectives**

- 9.a. Use dental terminology related to oral surgery appropriately.
- 9.b. Describe the scope of oral and maxillofacial surgery.
- 9.c. Identify oral pathology as it relates to oral and maxillofacial surgery.
- 9.d. Describe the role of an oral surgery assistant.
- 9.e. Identify oral surgery instruments according to function.
- 9.f. Differentiate among various surgical procedures.
- 9.g. Identify the armamentarium and materials used in oral surgery procedures.
- 9.h. Describe how to prepare a patient for surgical treatment.
- 9.i. Sequence the steps in various oral surgery procedures.
- 9.j. Identify post-surgical complications.
- 9.k. List post-operative instructions given to a patient following a surgical procedure.
- 9.l. Explain the types and function of sutures.
- 9.m. Identify the armamentarium and materials used for suture removal.
- 9.n. Sequence the steps in suture removal.
- 9.o. List post-operative patient care.
- 9.p. Select appropriate communication skills throughout the dental procedure.
- 9.q. Determine safety procedures to follow during oral surgery procedures.
- 9.r. Identify the personal protective equipment required
- 9.s. Identify appropriate aseptic techniques during oral surgery procedures.

## **10. Characterize pharmacological agents commonly used in dentistry.**

### **Assessment Strategies**

- 10.1. by creating a chart classifying types of pharmacological agents commonly used in dentistry

### **Criteria**

*You will know you are successful when*

- 10.1. you chart indications and contraindications of the pharmacological agents.
- 10.2. you chart the action of the pharmacological agents.
- 10.3. you chart information in an organized manner.
- 10.4. chart evidences correct grammar, punctuation, and spelling.

### **Learning Objectives**

- 10.a. Use dental terminology related to drugs used in dentistry appropriately.
- 10.b. Identify the sources of accurate drug information.
- 10.c. Classify drugs used in dentistry according to their use.
- 10.d. Differentiate among the routes of drug administration.
- 10.e. Explain how drug dosage is determined.
- 10.f. Describe the reaction and effects of drugs.
- 10.g. Identify potential contraindications for prescribed medications.

## **11. Prepare a prescription for a dentist's signature.**

### **Assessment Strategies**

- 11.1. given a scenario and a completed medical history
- 11.2. by preparing a prescription form for a dentist to sign
- 11.3. in a clinic/lab setting

### **Criteria**

*You will know you are successful when*

- 11.1. you accurately record patient information onto a prescription form.
- 11.2. you copy medication information onto the prescription as indicated by the dentist.
- 11.3. you document and duplicate copy of the prescription in the patient's record.
- 11.4. you spell information on the prescription correctly.
- 11.5. you write prescription in ink and can be photocopied.

### **Learning Objectives**

- 11.a. Use dental terminology related to drugs used in dentistry appropriately.
- 11.b. Identify the sources of accurate drug information.
- 11.c. Describe the parts of a written prescription.
- 11.d. Cross reference the English meanings of the Latin abbreviations used for prescriptions.
- 11.e. Identify the method of documentation of a prescription in a patient record.
- 11.f. Select appropriate communication skills with the dentist necessary to prepare a prescription.
- 11.g. Identify appropriate aseptic techniques during preparation of a prescription.

## **12. Reinforce a dental prescription for a patient.**

### **Assessment Strategies**

- 12.1. by reviewing a prescription with a role play peer in a scenario

### **Criteria**

*You will know you are successful when*

- 12.1. you clarify the prescription.
- 12.2. you answer any questions a patient may have on a given prescription.
- 12.3. you communicate professionally with patient.
- 12.4. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

### **Learning Objectives**

- 12.a. Use dental terminology related to prescriptions appropriately.
- 12.b. Interpret the English meanings of the Latin abbreviations used for prescriptions.
- 12.c. Interpret a prescription into lay terminology.
- 12.d. Select appropriate communication skills when explaining a prescription to a patient.
- 12.e. Identify appropriate aseptic techniques when explaining a prescription to a patient.

## **13. Adapt dental assisting techniques when assisting during endodontics.**

### **Assessment Strategies**

- 13.1. in a skill demonstration in which you assist with endodontic treatment using a manikin
- 13.2. by performing vitality testing
- 13.3. in a clinical setting

### **Criteria**

*You will know you are successful when*

- 13.1. you select the correct armamentarium.
- 13.2. you position yourself and manikin/patient correctly.
- 13.3. you anticipate procedural steps.
- 13.4. you perform all steps in the right order.
- 13.5. you provide post-operative instructions.
- 13.6. you communicate professionally with the patient.
- 13.7. you employ safety precautions.
- 13.8. you utilize infection control protocol.
- 13.9. you wear personal protective equipment.
- 13.10. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.



### Learning Objectives

- 13.a. Use dental terminology related to endodontics appropriately.
- 13.b. Describe the scope of endodontics.
- 13.c. Identify oral pathology as it relates to endodontics.
- 13.d. Describe diagnostics tests used in endodontics.
- 13.e. Describe the role of an endodontic assistant.
- 13.f. Identify endodontic instruments according to function.
- 13.g. Differentiate among various endodontic procedures.
- 13.h. Identify the armamentarium and materials used in endodontics.
- 13.i. Sequence the steps in various endodontic procedures.
- 13.j. Explain the importance of radiography in endodontics.
- 13.k. Identify post-operative complications.
- 13.l. List post-operative instructions given to a patient following an endodontic procedure.
- 13.m. Select appropriate communication skills throughout the dental procedure.
- 13.n. Determine safety procedures to follow during endodontic procedures.
- 13.o. Identify the personal protective equipment required.
- 13.p. Identify appropriate aseptic techniques during endodontic procedures.

## 14. Adapt dental assisting techniques when assisting during fixed prosthodontics.

### Assessment Strategies

- 14.1. in a skill demonstration in which you assist with a crown prep including gingival retraction and impressions using a manikin
- 14.2. in a skill demonstration in which you place temporary coverage with previously fabricated crown/bridge on a manikin
- 14.3. in a skill demonstration in which you remove excess supragingival coronal cement on a manikin
- 14.4. by preparing a laboratory case for shipment
- 14.5. in a clinical setting

### Criteria

*You will know you are successful when*

- 14.1. you select the correct armamentarium.
- 14.2. you position yourself and manikin correctly.
- 14.3. you anticipate procedural steps.
- 14.4. you perform all steps in the right order.
- 14.5. you provide post-operative instructions.
- 14.6. you communicate professionally with the patient.
- 14.7. you employ safety precautions.
- 14.8. you utilize infection control protocol.
- 14.9. you wear personal protective equipment.
- 14.10. you prepare laboratory case shipment.
- 14.11. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

### Learning Objectives

- 14.a. Use dental terminology related to fixed prosthodontics appropriately.
- 14.b. Describe the scope of fixed prosthodontics.
- 14.c. Describe the role of an assistant during fixed prosthodontic procedures.
- 14.d. Describe various types of fixed prosthesis and their functions.
- 14.e. Differentiate among various fixed prosthodontic procedures.
- 14.f. Identify the armamentarium and materials used in fixed prosthodontics.
- 14.g. Review cements used for temporary and permanent cementation.
- 14.h. Identify the principles of shade selection.
- 14.i. Sequence the steps in various fixed prosthodontic procedures.
- 14.j. Identify the information needed to complete a laboratory prescription/work authorization.
- 14.k. Identify post-operative complications.
- 14.l. List post-operative instructions given to a patient following a fixed prosthodontic procedure.
- 14.m. Select appropriate communication skills throughout the dental procedure.
- 14.n. Determine safety procedures to follow during fixed prosthodontic procedures.
- 14.o. Identify the personal protective equipment required.

## 15. Adapt dental assisting techniques when assisting during removable prosthodontics.

### **Assessment Strategies**

- 15.1. in a skill demonstration in which you assist with removable prosthodontics using a manikin
- 15.2. by preparing a laboratory case for shipment
- 15.3. in a clinical setting

### **Criteria**

*You will know you are successful when*

- 15.1. you select the correct armamentarium.
- 15.2. you position yourself and manikin correctly.
- 15.3. you anticipate procedural steps.
- 15.4. you perform all steps in the right order.
- 15.5. you provide post-operative instructions.
- 15.6. you communicate professionally with the patient.
- 15.7. you employ safety precautions.
- 15.8. you utilize infection control protocol.
- 15.9. you wear personal protective equipment.
- 15.10. you ship laboratory case according to shipping standards.
- 15.11. you maintain patient's records to show accurate, up-to-date documentation of treatment and services.

### **Learning Objectives**

- 15.a. Use dental terminology related to removable prosthodontics appropriately.
- 15.b. Describe the scope of removable prosthodontics.
- 15.c. Describe the role of an assistant during removable prosthodontic procedures.
- 15.d. Describe various types of removable prosthesis and their functions.
- 15.e. Define the components of a removable prosthesis.
- 15.f. Differentiate among various removable prosthodontic procedures.
- 15.g. Identify the armamentarium and materials used in removable prosthodontics.
- 15.h. Sequence the steps in various removable prosthodontic procedures.
- 15.i. Explain the various materials and steps used in reline procedures.
- 15.j. Identify the information needed to complete a laboratory prescription/work authorization.
- 15.k. Identify post-operative complications.
- 15.l. List post-operative instructions given to a patient following a removable prosthodontic procedure.
- 15.m. Select appropriate communication skills throughout the dental procedure.
- 15.n. Determine safety procedures to follow during removable prosthodontic procedures.
- 15.o. Identify the personal protective equipment required.

## **16. Adapt dental assisting techniques when assisting during periodontics.**

### **Assessment Strategies**

- 16.1. in a skill demonstration in which you assist with simulated periodontal procedures using the manikin
- 16.2. in a skill demonstration in which you place and remove periodontal dressing using the manikin/role play peer
- 16.3. in a clinical setting

### **Criteria**

*You will know you are successful when*

- 16.1. you select the correct armamentarium.
- 16.2. you position yourself and manikin/patient correctly.
- 16.3. you anticipate procedural steps.
- 16.4. you perform all steps in the right order.
- 16.5. you provide post operative instructions.
- 16.6. you communicate professionally with the patient.
- 16.7. you employ safety precautions.
- 16.8. you utilize infection control protocol.
- 16.9. you wear personal protective equipment.
- 16.10. patient's records show accurate, up-to-date documentation of treatment and services.

### **Learning Objectives**

- 16.a. Use dental terminology related to periodontics appropriately.
- 16.b. Describe the scope of periodontics.

- 16.c. Identify oral pathology as it relates to periodontics.
- 16.d. Describe the role of an assistant in surgical and nonsurgical periodontal procedures
- 16.e. Identify periodontal instruments according to function.
- 16.f. Differentiate among various periodontic procedures.
- 16.g. Identify the armamentarium and materials used in periodontic procedures.
- 16.h. Describe how to prepare a patient for periodontal treatment.
- 16.i. Sequence the steps in various periodontic procedures.
- 16.j. Identify post-operative complications.
- 16.k. List post-operative instructions given to a patient following a periodontal procedure.
- 16.l. Explain the purpose of using a periodontal dressing.
- 16.m. Differentiate among the various types of periodontal dressings.
- 16.n. Sequence the steps in preparing, placing and removing a periodontal dressing.
- 16.o. Discuss the causes and treatment of TMJ dysfunction.
- 16.p. Apply the theory of occlusal equilibration to TMJ dysfunction.
- 16.q. List post-operative patient care following TMJ treatment.
- 16.r. Select appropriate communication skills throughout the dental procedure.
- 16.s. Determine safety procedures to follow during periodontic procedures.
- 16.t. Identify the personal protective equipment required
- 16.u. Identify appropriate aseptic techniques during periodontic procedures

## **17. Explain how dental implants can affect and benefit a patient.**

### **Assessment Strategies**

- 17.1. in an oral, written, or graphic assessment

### **Criteria**

*You will know you are successful when*

- 17.1. you describe the dental implant procedure.
- 17.2. you explain how it would impact the patient.
- 17.3. your response is supported by relevant evidence.

### **Learning Objectives**

- 17.a. Use dental terminology related to dental implants appropriately.
- 17.b. Describe the scope of dental implants in fixed and removable prosthodontics.
- 17.c. Describe the role of an assistant during a dental implant process.
- 17.d. Describe various types of dental implants and their functions.
- 17.e. Identify the armamentarium and materials used in the implant process.
- 17.f. Sequence the steps in dental implant procedures.
- 17.g. Identify post-operative complications.
- 17.h. List post-operative instructions given to a patient following a dental implant.
- 17.i. Select appropriate communication skills throughout the case study.
- 17.j. Determine safety procedures to follow during the dental implant process.

## **18. Select techniques for assisting patients with special needs.**

### **Assessment Strategies**

- 18.1. in an oral, written, or graphic assessment

### **Criteria**

*You will know you are successful when*

- 18.1. you describe the patient's special needs.
- 18.2. you describe feasible management techniques for the patient with special needs.
- 18.3. you provide relevant evidence.

### **Learning Objectives**

- 18.a. Use dental terminology related to special patients appropriately.
- 18.b. Identify the special needs of certain patients.
- 18.c. Describe various management techniques when treating special patients.
- 18.d. Explain the impact of the American Disabilities Act (ADA) on special patients.