

Course Objectives/Course Outline
Spokane Community College

Course Title: *Chairside Clinical Experience*

Prefix and Course Number: DENT 139

Course Learning Outcomes:

By the end of this course, a student should be able to:

1. DIAGNOSTIC AIDS

- a. Set up XCP (RINN) or other film holders correctly for exposure.
- b. Expose, process (if applicable) and mount radiographs.
- c. Take and record vital signs.
- d. Assist with intraoral/extra oral examinations.
- e. Size impression trays and mixes alginate.
- f. Takes an alginate impression of diagnostic quality.

2. CLINICAL SUPPORTIVE FUNCTIONS

- a. Recognize basic dental tray set-up. Mirror, explorer, cotton pliers.
- b. Recognize tray set-up for amalgam restorative procedure.
(tray content varies at each site)
Mirror, explorer, cotton pliers, anesthetic syringe with correct needle, amalgam carrier, condenser, burnisher, carvers, matrices, excavators, articulating forceps and rubber dam set-up.
- c. Recognize tray set-up for composite restorative procedure.(tray content varies at each site)
Mirror, explorer, cotton pliers, anesthetic syringe with correct needle, shade guide, composite placement instruments, pfi, burnisher, excavators, matrices, articulating forceps and rubber dam set-up.
- d. Prepare operatory for patient. Prepare and dismiss patient:
(greet patient appropriately, prepare patient for procedure, and review medical/dental history for medications or changes, gives pre-operative instructions. Dismisses patient
- e. . Recognizes the need for a rubber dam and can gather all appropriate supplies. Assist auxiliaries with the placement of a rubber dam or places independently.
- f. Prepare and place topical anesthetic for correct area being worked on.
- g. Prepare anesthetic syringe safely with appropriate needle and anesthetic.
- h. Recognize, prepare and maintain treatment area.
- i. Demonstrates ability and knowledge of instrument transfer technique for fourhanded dentistry.
- j. Demonstrates ability to position suction appropriately. Evacuator and saliva ejector.
- k. Prepare and mixes cements, bases and liners.
- l. Provides patients with proper oral hygiene instruction. Care instructions for home care.
- m. Assists in dental hygiene-demonstrates ability perform perio charting and other functions needed.
- n. Places topical fluoride treatments.
- o. Performs coronal polish.
- p. Place enamel sealants.
- q. Uses intra oral camera and scanner as applicable.
- r. Evaluates and places retraction cord as needed.
- s. Places matrices for class II restorations.

3. ASEPSIS: INFECTION CONTROL AND BIOHAZARDS CONTROL

- a. Disinfects treatment rooms.
 - b. Maintain treatment room supply level.
 - c. Recognizes hazardous waste and need dispose of biohazard appropriately.
 - d. Adheres to aseptic techniques.
 - e. Demonstrates understanding of infection control techniques and procedures.
 - f. Disinfect and Sterilize instruments with guidance.
 - g. Demonstrates proper handwashing, gloving, and hygiene (puts on mask and glasses before gloves). Changes gloves when necessary.
 - h. Recognizes disposable products from non-disposable items. Saliva ejector, HVE tips, air/water syringe tips, etc.
 - i. Is knowledgeable as to location of the SDS list and eyewash station.
4. EMERGENCY PROCEDURES
- a. Maintains a current CPR card.
 - b. Demonstrates ability to recognize a compromised patient.
 - c. Assist with emergency management of medical or dental if necessary.
 - d. Recognizes importance of reviewing patient health history prior to patient appointment. Understands office emergency protocol.
5. ORAL HYGIENE INSTRUCTIONS TO INDIVIDUAL PATIENTS
- a. Proper brushing technique including the BASS technique and proper brush for age and ability.
 - b. Flossing techniques: Age or ability appropriate.
 - c. Mouth rinse usage: including toothpaste and fluoride.
 - d. Use of appropriate oral hygiene aids. Proxabrush, floss holders, etc.
6. LABORATORY PROCEDURES
- a. Pour and trim study models.
 - b. Recognize different types of prosthetic appliances and their uses.
 - c. Identify need for provisional restorations.
 - d. Identify and prepare final impression materials.
 - e. Fabricate temporary crowns.
 - f. Cement temporary crown and remove excess cement.
 - g. Fabricate Whitening trays.
 - h. Fabricate Custom trays and/or mouth guards.
7. BASIC BUSINESS OFFICE PROCEDURES
- a. Correctly and politely, answer the phone.
 - b. Recognize different types and lengths of appointments.
 - c. Operate basic dental computer program.
 - d. Operate basic office equipment: computer, calculator, telephone, filing system.