

Course Objectives/Course Outline
Spokane Community College

Course Title: *Intermediate Chairside Assisting*

Prefix and Course Number: DENT 121

Course Learning Outcomes:

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

1. Identify the role of the dental assistant through demonstration of knowledge of sequence of procedures for a variety of dental specialties. Accessing and inputting of patient information in computerized software, performing a mock composite procedure and performing oral hygiene on a student partner.
2. Use dental nomenclature relating to dental chairside instruments and procedures.
3. Define terminology used in this unit.
4. Identify how to protect self and others from cross contamination by wearing protective glasses, mask, gloves and uniforms following OSHA/WISHA standards.
5. Identify safety measures to self, patient and others at all times during:
 - a. Chairside procedures
 - b. Maintenance of equipment
6. Demonstrate professional interpersonal communication both verbal and nonverbal with instructors, peers and patients.
7. Identify and practice appropriate ethics when in lecture.

Course Outline:

Dental Specialties:

- 1) Define the terminology of each specialty.
- 2) List and describe the (6) dental specialties:
 - a) Pediatric dentistry
 - b) Orthodontics
 - c) Oral and maxillofacial surgery and implants
 - d) Periodontics
 - e) Endodontics
- 3) Periodontics:
 - a) Define the practice of periodontics.
 - b) Identify the indications and the contraindications for periodontics treatment.
 - c) Describe the essentials comprising a periodontal examination.
 - d) Identify and define terminology specific to periodontal treatment and surgery.
 - e) Outline post-instructions to the periodontal patient.
 - f) Identify instruments used specifically for periodontal treatment including surgery.
 - g) Name and indicate the use of specific medicaments in periodontal treatment.
 - h) Identify ingredients and the process of mixing, placing and removing a periodontal surgical pack.
 - i) Define "normal" versus the "inflamed" gingiva.
 - j) Identify and describe the tray set-ups and the sequence of procedure for gingivectomy/gingivoplasty (crown lengthening), frenectomy, scaling and root planning, soft tissue curettage and polishing.
- 4) Endodontics:
 - a) Define the practice of endodontics.
 - b) Identify the indications and the contraindications for endodontic treatment.
 - c) Describe the essentials comprising an endodontic diagnosis.
 - d) Identify and define terminology specific to endodontic treatment.
 - e) Outline post-instructions to the endodontic patient.
 - f) Identify instruments used specifically for endodontic treatment.
 - g) Identify and describe the types of medicaments used to sterilize and permanently fill the root canal.
 - h) Identify ingredients and mixing of root canal sealer.
 - i) Identify and describe the role and tasks of the dental assistant in endodontic treatment an infected tooth.
 - j) Describe the process and the sequence of medicaments used to render a root canal sterile.

- k) Describe the instructions provided the patient following the various steps in treatment of the infected tooth (from emergency to the final filling of the canal).
 - l) Identify and describe the tray set ups and the sequence of procedure for diagnosis of a root canal, open and closure of a root canal and root canal sealers.
- 5) Orthodontics:
- a) Describe the indication and contraindications for orthodontic treatment.
 - b) Describe the role of the dental assistant and the patient responsibilities.
 - c) Describe the categories of orthodontic treatment.
 - d) List and describe Angles Classification of occlusion and malocclusion.
 - e) Describe the principle of tooth movement.
 - f) Identify and explain the use of orthodontic instruments.
 - g) Identify and describe the tray set ups and the sequence of procedure for diagnosis, intra and extra oral photographs and case presentation appointments, the separation appointment, the placement of the appliance appointment, the oral hygiene instructions, changing of archwires and ligatures, the appliance removal appointment, and the completion checkup appointment.
 - h) Describe the laboratory procedures.
 - i) Identify and explain headgear and its application.
 - j) Identify and explain the application of removable appliances.
- 6) Oral and Maxillofacial Surgery:
- a) Describe the specialty of oral surgery and the patient treatment it provides.
 - b) Describe the referral process of a patient from a generalist to the oral surgeon.
 - c) List the indications and contraindications for oral surgery.
 - d) Describe the sequence and the need for maintaining a chain of asepsis throughout oral surgical procedures.
 - e) Describe the chairside assistant role in oral surgery.
 - f) Discuss the essentials of a nutritious light diet for the patient following extensive oral surgery.
 - g) Identify and explain the use of oral and maxillofacial surgery instruments.
 - h) Identify and describe the tray set ups and the sequence of procedure for routine or uncomplicated extraction, removal of impacted 3rd molars, pack and medicate and extraction site.
- 7) Pediatric Dentistry:
- a) Describe how the team practice concept adapts to a pediatric office.
 - b) Describe the role of the chairside assistant in a pediatric practice.
 - c) Describe the role of the parent/guardian in obtaining cooperation of the child patient.
 - d) List various age groups and consideration of interpersonal communication, compliance level and anxiety levels.
 - e) Describe pre medications, sedation options, pre, and post-operative treatment used with children.
 - f) Describe subjective and objective fears and methods of overcoming.
 - g) Describe the effect on the patient of the parent or guardian who is overly anxious, over indulgent or domineering.
 - h) Discuss the dental assistants' role in suspected child abuse.
 - i) Identify and describe the tray set ups and the sequence of procedure for pulpotomy/pulpectomy and stainless-steel crowns including adapting and placing t-band matrices.

Computerized Software:

1. Review computer software and how to enter all appropriate specialty information for a patient.
2. Understand appropriate codes and fees related to dental specialties.

Composite Final Restoration:

- a) Prepare and identify a composite tray set up.
- b) Perform a mock composite procedure prior to clinical rotations.