

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

_____ Transfer Course X A.A. Degree applicable course
 (check all that apply)

COURSE NUMBER AND TITLE: DA 80 - Coronal Polishing

UNIT VALUE: 1

MINIMUM NUMBER OF SEMESTER HOURS: 32

BASIC SKILLS REQUIREMENTS: Appropriate language skills

ENTRANCE REQUIREMENTS

PREREQUISITE: Admission to the Dental Assisting Program

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Identification of dental plaque, other soft deposits, tooth stains, discolorations, periodontics, and deposit retention factors. Polishing procedures: polishing agents, prophylaxis angle, attachments, and technique. *Graded only.*

SPECIFIC COURSE OBJECTIVES:

Successful students will:

A. Preventive Dentistry:

1. Identify the need for preventive dentistry and nutrition counseling and discuss the cost of dental neglect. Also, discuss the role of the dental specialties and list the major aspects of preventive dentistry.
2. Identify the role of fluorides in preventive dentistry applied through drinking water, dietary supplements, topical applications, toothpaste and fluoride rinses.
3. Explain the components of plaque, its formation and patterns of accumulation on the teeth.
4. Explain instructions on each of the tooth brushing methods described in the text.
5. Explain why flossing is necessary and demonstrate how to floss.
6. Explain plaque control instructions.
7. Explain the limitations and uses of coronal polishing technique as contrasted with a prophylaxis.

B. Coronal Polishing and Universal Precautions:

1. Identify the indications and contraindications of coronal polishing.
2. Name and describe the groups of extrinsic and intrinsic stains on the dentition.
3. Explain polishing procedures to include: seating the patient, operator position maintaining asepsis and safety techniques.
4. Describe the functions of the instruments, fulcrums and materials used in coronal polishing.

5. Describe the universal precautions that must be taken during the treatment of each patient.
6. Explain coronal polishing techniques and demonstrate the technique.
7. Explain the care of removable dental appliances (prostheses)..
8. Identify the infection control procedures for coronal polishing.
9. Demonstrate the preparation (Cleaning & wrapping) of instruments for sterilization by autoclaving.

C. Periodontal Disease;

1. Name and describe three causes of periodontal disease.
2. Define Periodontics.
3. Describe the role of systemic factors of nutrition in periodontal disease.
4. Describe factors in patient's motivation for periodontal therapy.
5. List reasons for presurgical scaling and root planning.
6. List basic principles in periodontal surgery.
7. Differentiate between osteoplasty and ostectomy.
8. Differentiate between various furcation involvement.
9. Explain how certain systemic disorders contribute to nonspecific gingival inflammation.
10. List causes for defective contacts: caries, defective restorations, and tooth mobility.
11. Explain in writing the stages of calculus formation.
12. Identify the significance of pocket measurements.
13. List the reasons for operative treatment prior to periodontal treatment.
14. List the types of operative dentistry required prior to periodontal surgery.
15. Discuss the basic etiology, diagnosis and treatment of periodontal disease.
16. List the postoperative instructions to be given to the patient.
17. List the basic principles of flap suturing.
18. Determine type of tissue response expected following periodontal surgery.
19. Verbally provide pre- and post-operative instructions.

D. Periodontal Dressing:

1. Discuss the rationale for periodontal dressing and place the dressing on a manikin and then on a laboratory partner.
2. Explain in writing the principles of occlusion affecting dressing placement.
3. Define in writing the advantages and disadvantages of common types of dressings.
4. Explain the aseptic techniques of this procedure.
5. Explain the criteria for managing the patient and maintaining the operative field.
6. Explain methods for controlling hemorrhage prior to placing dressing.
7. List the techniques for placing periodontal dressing for a surgical patient and a postoperative patient.
8. List the techniques for the removal of each type of periodontal dressing:
 - a. surgical patient
 - b. postoperative patient
9. Explain verbally the necessary precautions for the procedures listed above.
10. Explain in writing the information for these procedures which should be presented to the patient.
11. Demonstrate laboratory proficiency, application and removal of periodontal dressings.
 - *Eugenol and non-Eugenol

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. The Importance of Preventive Dentistry
 - A. The problem
 - B. Benefits
 - C. Dental health team as role models

- D. Aspects of preventive dentistry
 - 1. Public health dentistry
 - 2. Pediatric dentistry
 - 3. Prophylactic dentistry
 - 4. Endodontics
 - 5. Orthodontics
 - 6. Periodontics
 - 7. Oral surgery
 - 8. Postodontics
 - 9. Periodontics
 - 10. General dentistry
- E. Fluorides
 - 1. Safety
 - 2. Fluorosis
 - 3. Fluorided water
 - 4. Prescribed fluoride supplements
 - 5. Topical application
 - 6. Fluoride containing dentifrices
 - 7. Fluoride mouth rinses
- F. Dental Plaque
 - 1. Content
 - 2. Supragigival plaque development
 - 3. Subgingival plaque
 - a. Tooth-associated (attached)
 - b. Epithelium-associated
- G. Plaque Control
 - 1. Personal oral hygiene
 - 2. Disclosing agents
 - a. Special light and sodium fluorescein solution
 - b. Red disclosing agent (direction for use)
 - 3. Toothbrushes
 - a. Functional properties
 - 4. Dentifrices
 - 5. Toothbrushing techniques
 - a. Bass
 - b. Modified stillman
 - c. Charters
 - 6. Interdental cleansing aids
 - a. Flossing
 - b. Interdental cleansers
 - 1. Interproximal brushes
 - 2. Stim-u-dent
 - 3. Perio-aid
 - c. Oral irrigation devices
 - d. Therapeutic oral rinses

II. Patient Education in Preventive Dentistry

- A. Education and nutritional counseling to increase the patient's awareness
- B. Personal oral hygiene program
- C. Patient awareness/need for recall
- D. The dental health educator
 - 1. All members of dental health team responsible

- 2. Work with patients individually or small groups
- 3. Enthusiasm
- 4. Like to work with people
- 5. Motivation/education/reinforcement
- E. Patient motivation
 - 1. Awareness and interest
 - 2. Education
 - 3. Acceptance
 - 4. Learner must be actively participating
 - 5. Action
 - 6. Reinforcement
 - 7. Recall
- III. Coronal Polishing Technique
 - A. Universal precautions
 - B. Indications for procedure
 - C. Contraindications for procedure
 - D. Plaque and stains
 - E. Abrasive agents
 - F. Precautions when performing the coronal polishing procedure
 - G. Polishing procedure
 - H. Flossing
 - I. Care of removable prostheses
 - J. Fixed partial and bridge
 - K. Complete dentures
 - L. Sterilization and care of the right angle handpiece
- III. Coronal Polishing Technique
 - A. universal precautions
 - B. Indications for procedure
 - C. Contraindications for procedure
 - D. Plaque and stains
 - E. Abrasive agents
 - F. Precautions when performing the coronal polishing procedure
 - G. Polishing procedure
 - 1. Patient/operator positions
 - 2. Instrumentation
 - H. Flossing
 - I. Care of removable prostheses
 - J. Fixed partial and bridge
 - K. Complete dentures
 - L. Sterilization and care of the right angle handpiece
- IV. Temporary sedative dressings
 - A. Fabrication
 - B. Placement
 - C. Removal

REQUIRED READING:

Torres, H. and A. Ehrlich. Modern Dental Assisting. 7th edition. Philadelphia: W.B. Saunders, 2003

SUGGESTED READING:

REQUIRED WRITING:

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

The student must pass laboratory evaluations at 75% competency or a sub-standard grade for the course will be assigned.

Grading policy is in compliance with college standards described in the Palomar College catalog and the faculty manual.

- 100-90% = A
- 89-80% = B
- 79-70% = C
- 69-60% = D
- 59- 0% = F

Multiple choice quizzes	10%
Written final exam	15%
Preclinical Evaluations/ practical final exam	75%

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes ____ No X Number of times course may be taken for credit: 1

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON: Denise Rudy, Ext. 2573

SIGNATURES ON FILE: