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Dental Hygiene (DN TL)1054 Clinical Practice IV (1)
[formerly Dental Hygiene 54ABC; Dental Hygiene 54]

Prerequisite: Acceptance into the Dental Hygiene Program and successful completion of Dental Hygiene 2243 with a grade of “C” or higher

Prerequisite knowledge /skills: Before entering the course the student should be able to:

1. Explain the theory of disease transmission and the necessity for asepsis in dentistry,
2. Explain the purpose of a complete dental record and its component parts,
3. Demonstrate communication skills that help ensure a thorough health history,
4. Practice standard precautions on all patients,
5. Use proper techniques for obtaining patients’ vital signs,
6. Describe and use extraoral and intraoral inspection techniques including:
 - a. The names of all structures to be visually inspected and palpated,
 - b. Normal landmarks associated with these structures,
 - c. and
 - d. Common abnormalities that may be detected,
7. Use selection criteria to recommend radiographic surveys for new and returning patients,
8. Identify and record, from radiographs, restorations, suspicious areas, periodontal classification or staging, pathologies and bony abnormalities,
9. Complete comprehensive dental chartings,
10. Describe etiology of dental plaque and of periodontal disease,
11. Locate and identify various amounts of calculus, using assessment instrumentation techniques
12. Integrate the periodontal examination into the assessment, planning and evaluation phases of dental hygiene therapy
13. Integrate plaque and gingival inflammation indices in daily clinical practice for the assessment, planning and evaluation of dental hygiene therapy,
14. Describe and use Angle’s classification system to determine molar relationships,
15. Define the terms “overbite” and “overjet” and demonstrate how to measure each,
16. Design treatment plans to meet the specific needs of each patient,
17. Provide patient care that balances professional treatment procedures and patient self-care,
18. Select and educate patients about oral hygiene procedures, products and devices that specifically meet their individual needs for plaque control,
19. Administer a professional topical fluoride treatment,
20. Be able to provide efficient and effective debridement with the following instruments:
 - a. Sickie scalers,
 - b. Universal curets,
 - c. Area-specific curets,
 - d. Periodontal files, and
 - e. Ultrasonic scalers,
21. Integrate instrument sharpening into daily clinical practice,

22. Maintain the design features of instruments during the instrument sharpening procedure,
23. Identify and recommend appropriate antimicrobial plaque-control agents for various patient types,
24. Use polishing procedures to remove plaque and stain
25. Select and use appropriate anesthetics and injections to achieve desired anesthesia,
26. Assess a patient's medical, physical, and mental status to determine necessity for anxiety control
And the appropriate use of nitrous-oxide/oxygen sedation,
27. Describe and implement proper technique for nitrous-oxide/oxygen conscious sedation and
28. Evaluate a patient's oral tissues to determine the need for and perform, if necessary, gingival Curettage.

Hours and Unit Calculations:

48 hours lab (48 Total Student Learning Hours) 1 Unit

Catalog Description: This course will provide the opportunity to become more proficient in the clinical skills learned and practiced in previous clinical courses and to prepare for success on the state clinical licensing examinations. It is offered on a Pass/No Pass basis only.

Type of Class/Course: Degree Credit

Textbooks: The Taft College Dental Hygiene Department Clinic Manual.

Additional Instructional Materials:

Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 13th ed. Philadelphia: Lippincott, Williams and Wilkins, 2012.

Nield-Gehrig, Jill S. *Fundamentals of Periodontal Instrumentation*. 8th ed. Philadelphia: Lippincott, Williams and Wilkins, 2012.

Course Objectives:

By the end of the course, a successful student will be able to:

1. Demonstrate advance experience in the treatment of adult patients,
2. Demonstrate advanced comprehension of clinical procedures utilizing scaling, polishing and fluoride application techniques,
3. Demonstrate entry level competence of oral inspection, oral cancer screening, dental and periodontal charting and assessment,
4. Demonstrate entry level competence in ultrasonic scaling, and
5. Demonstrate correct use of administration of nitrous-oxide/oxygen sedation, local anesthesia and gingival curettage.

Course Scope and Content:

- Unit I Clinical Patient Treatment
- A. Moderate or heavy calculus
 - B. Early to advanced periodontal disease
 - C. Utilize the 5 steps in the dental hygiene process to care.

- Unit II Advanced Treatment Procedures of Difficult Dental Hygiene Cases
- A. Local anesthesia
 - B. Nitrous oxide sedation
 - C. Ultrasonic scaling
 - D. Soft tissue curettage
 - E. Subgingival irrigation
 - F. Periodontal assessment
 - G. Root planing

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 16 hours per week outside of the regular class time doing the following:

1. Independent reading and
2. Studying.

Methods of Instruction:

1. One-on-one skill demonstration and evaluation by the clinical faculty on more advanced treatment procedures while treating patients and
2. Supervised treatment of appropriately selected patients to gain entry skill level into the profession

Methods of Evaluation:

1. Clinical evaluation of oral inspection, periodontal and dental charting, analgesia and anesthesia administration, deposit removal, administration of therapeutics and other clinical patient treatment,
2. Daily Feedback Forms, and
3. Obtain license to practice Dental Hygiene

Supplemental Data:

TOP Code:	124020: Dental Hygienist
SAM Priority Code:	B: Advanced Occupational
Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable(funds not used)
Program Status:	2: Stand-alone

Noncredit Category:	Y: Not Applicable, Credit Course
Special Class Status:	N: Course is not a special class
Basic Skills Status:	N: Course is not a basic skills course
Prior to College Level:	Y: Not applicable
Cooperative Work Experience:	N: Is not part of a cooperative work experience education program
Eligible for Credit by Exam:	NO
Eligible for Pass/No Pass:	C: Pass/No Pass
Taft College General Education:	NONE
Discipline:	Dental Technology