The reading assignments on following pages are in the required periodontal textbooks which are listed below and which will be identified on future pages by the abbreviated phrases shown below (in bold) for each textbook.

1. FOUNDATIONS OF PERIODONTICS FOR THE DENTAL HYGIENIST

IDENTIFIED IN THE LISTINGS BELOW AS G & W-4

By Jill S. Gehrig and Donald E. Willmann.
Lippincott Williams and Wilkins. 4th edition 2016

2. CLINICAL PRACTICE OF THE DENTAL HYGIENIST

IDENTIFIED IN THE LISTINGS BELOW AS W

By Esther M. Wilkins, Charlotte J. Wyche, and Linda D. Boyd
Lippincott Williams and Wilkins. 12th edition 2017

3. FUNDAMENTALS OF PERIODONTAL INSTRUMENTATION AND ADVANCED ROOT INSTRUMENTATION.

IDENTIFIED IN THE LISTINGS BELOW AS G INSTR- 8

By Jill S. Gehrig.
Lippincott Williams and Wilkins. 8th edition 2017
To Be Done BEFORE JULY 2017 SESSION

RECOMMENDED EARLY READING and STUDY

An organized study/review of anatomy and physiology, high school or college cell biology, dental/medical vocabulary and terminology and of other material presented in your dental assistant and other courses is strongly urged prior to the first session. This study/review should continue as needed. Early and continuing supervision and monitoring, by the certified dentist-instructor, of these and future study sessions and of the didactic and clinical performance is highly recommended.

Early reading of chapters, 1-4 and 12-15 of the, “Foundations of Periodontics for the Dental Hygienist”, 4th edition is also highly recommended because the contained material may be unfamiliar, especially to those who have not completed recent dental or biological science courses dealing with this subject matter. It is important to acquire this basic knowledge which is needed to understand and apply the remainder of the material in the textbooks and the lectures to be presented in this course. Read and study this material as soon as possible, preferably before the July sessions and review it as necessary.

The individual, desiring to excel as a student and to become and remain a highly competent dental hygienist, is strongly urged to continue and pursue additional knowledge. Such may be available from many other useful reliable sources, including other textbooks, professional literature, proven internet sites, varied audio-visual resources, continuing education courses, and skillful practitioners.

INTRODUCTION TO THE TEXTBOOKS AND THE PROFESSION

It is important that students learn and utilize to the fullest all available learning resources, including the required textbooks and their associated online material. It is also important to have an understanding of how your profession began and developed and of the ethical and legal requirements that accompany the privilege of rendering expert compassionate patient care. The assignments in this section are intended to begin this learning process before you come to the first lecture session.

DO the assignments for this section PRIOR to the FIRST session meeting. Find and skim the preface, contents and index of each textbook noting the contained subject topics in each textbook. Read the other pages in each textbook as assigned below. Access thePoint website (See instructions on inside of front cover of the books), find and become familiar with all the student resources and use them throughout the course.
Following are the assignments for the anticipated lecture topics of the indicated month according to the current schedule, which is subject to possible changes. Familiarization with each topic—by reading or review—before the lecture likely will enhance the learning process.

The reading assignments listings below are from the required periodontal textbooks and represent the broad topics in the sequence which I plan to cover them in my classroom sessions. Each student is expected to read these assignments and additionally to locate, view, read, and perform, as indicated, the various study and skill exercises, quiz study banks, video clips, glossaries and other student ancillary resources found in the textbook or as online material at the student websites of the publishers. Instructions as to how to access the student website is usually found on the inside front cover and/or at other designated pages of each textbook.

Immediately below in the July session, following the lecture reading assignments for the first time in each required periodontal textbook, there is a reminder summary of some features and student aids in this book and online at thePoint website. You are also reminded of our expectations and of your responsibility to utilize all available resources. These instructions and expectations will not appear in each future mention of the textbook assignments, but they remain the same for future sessions and activities.
July 2017

Review of Anatomy and Physiology of the Tooth –W
Pg 269-284 – Chapter: The Teeth
Pg 298 – Section: “The Teeth”
Pg 765-766 Section 1: Anatomy of Tooth Structure, Section 2: Mechanisms of Dentin Exposure
Pg 1205-1206 -Appendix VI -Average Measurements of Human Teeth
Pg 1207-1209- Appendix VII-(Prefixes,Suffixes and Combining Forms -useful for all study)

This above textbook (Wilkins’12th edition) has a number of useful features and resources designed to aid students which are referenced or found in the chapters including:

1. Detailed Format and Chapter outlines
2. Key Word Boxes
3. Chapter Learning Objectives
4. Everyday Ethics Boxes
5. Factors to Teach Patients Boxes
6. Enhancing Your Understanding Reminder List (At the end of each chapter)
7. Documentation (Examples) of Clinical Activities
8. Online Resources, such as Quiz Bank, Audio Pronunciation Glossary, and Videos.

As part of your health professional education you are expected to learn how to access, evaluate and best utilize information pertinent to your professional activities and development. Consequently, each student is expected for each chapter assignment here to find the above and other student ancillary resources and utilize them to the fullest. This includes reading, studying, answering questions, solving presented clinical and ethical problems, viewing the online videos, and completing the patient and radiographic study cases.

The items, instructions, and expectations in the two paragraphs above will not be repeated for each additional assigned reading from this textbook. However these remain the same and for each future assignment the student is expected to proceed as directed in the paragraphs above.

See also these helpful on-line resources for vocabulary purposes:
  Deciphering Medspeak (Medical Library Association)
Has useful links to various aids
  Merck Manual Home Edition for Patients and Caregivers: Understanding Medical Terms
Provides links to anatomical drawings, pronunciations and other resources
  Understanding Medical Words: A Tutorial from the National Library of Medicine
Includes a flash movie with changing content and interactive quizzes.
This above textbook (Gehrig’s 8th edition Periodontal Instrumentation) walks students step-by-step through the “how to” and the “what” and “why” — of using periodontal instruments. The textbook contains 27 stand-alone modules and a very useful “Appendix of Problem Identification Charts with Cause and Solutions” for each problem. Each module provides complete step-by-step instructions in the use of each instrument class. Additionally at thePoint online website, there are 5 additional modules, a glossary and a listing of other student resources (See page xvi and the inside cover of this textbook for how to access these resources).

Useful features and resources in this textbook students should locate and use include:

1. Module Outlines
2. Key Terms
3. Learning Objectives
4. Study Aids – Boxes, Figures, Tables, Flow Charts
5. Case-Based Patient Exercises
6. Glossary of Instrumentation Terms
7. Student Self-Evaluation Checklist
8. Appendix of Problem Identification Charts ( Mentioned above)
9. Thirty-three Instrumentation Videos (Online)
10. Online Resources— including the 5 online videos mentioned above.

Find and STUDY online modules -1B and 21B of this textbook PRIOR to the FIRST session meeting.

As part of your health professional education you are expected to learn how to access, evaluate and best utilize information pertinent to your professional activities and development. Consequently, each student is expected for each chapter assignment here to find the above and other student ancillary resources and utilize them to the fullest. This includes reading, studying, answering questions, solving presented clinical and ethical problems, viewing the online videos, and completing the patient and radiographic study cases.

The items, instructions, and expectations in the two paragraphs above will not be repeated for each additional assigned reading from this textbook. However these remain the same and for each future assignment the student is expected to proceed as directed in the paragraphs above.
ANATOMY AND PHYSIOLOGY OF THE HEALTHY GINGIVA

G & W - 4
Pg 1-9 (Outline and Overview; Clinical Features)
Pg 224-223 (More on Clinical Features)
Pg 21-35 (Microscopic Anatomy-Overview of Tissues (Epithelial and Connective) and Details Regarding Gingiva)
Pg -14-20 (Blood, Lymph, & Nerve Supply of Periodontium)
Pg 19 (Focus on Patients Cases)

This above textbook (Foundations of Periodontics for The Dental Hygienist - Gehrig and Willmann 4th edition) is an up-to-date excellent textbook and has a number of useful features and resources designed to aid students which are referenced or found in the chapters including:

1. Chapter and Sections Overviews and Outlines
2. Clinical Applications for Each Chapter
3. Learning Objectives
4. Key Terms
5. Chapter Summary Statements
6. Focus on Patients
   A. Clinical Patient Care Scenarios
   B. Evidence in Action Scenarios
7. Patient Case Studies
   A. Chapter 36 – Five Fictitious Patient Cases
   B. Chapter 37 Online – Six Radiographic Cases for Analysis
8. Online Glossary – Common Periodontal Terms and Pronunciation
9. Student Ancillary Resources (Online)
   A. Audio Glossary (Above)
   B. Animations
   C. Suggested Readings
   D. Answers to Review Questions
   E. Case Studies

As part of your health professional education you are expected to learn how to access, evaluate and best utilize information pertinent to your professional activities and development. Consequently, each student is expected for each chapter assignment here to find the above and other student ancillary resources and utilize them to the fullest. This includes reading, studying, answering questions, solving presented clinical and ethical problems, viewing the online videos, and completing the patient and radiographic study cases.

The items, instructions, and expectations in the two paragraphs above will not be repeated for each additional assigned reading from this textbook. However these remain the same and for each future assignment the student is expected to proceed as directed in the paragraphs above.
ANATOMY AND PHYSIOLOGY OF THE HEALTHY CEMENTUM

G & W-4
Pg 10 bottom of page – 11 top of page (Clinical Features, Description)
Pg 39-41 mid-page (Microscopic Anatomy)

ANATOMY AND PHYSIOLOGY OF THE HEALTHY ALVEOLAR PROCESS (BONE)

G & W-4
Pg 11 bottom-13 (Gross Anatomy)
Pg 41mid-page-45 (Microscopic Anatomy)
Pg 341-344 (Radiographic Appearance)
Pg 133-135 (Trauma from Occlusion and Bone)

ANATOMY AND PHYSIOLOGY OF THE HEALTHY PERIODONTAL LIGAMENT

G & W-4
Pg 10 (Description)
Pg 51 (Periodontium in health. Note Fig 3.5)
Pg 21-23; 25 top half (Outline & Overview of Tissues, Microanatomy of Connective Tissues)
CLASSIFICATION OF PERIODONTAL DISEASES

G & W-4
Pg 67-80 (Note especially Table 4-4 on Pgs. 72-75)
Pg 72-75, The current (1999) AAP Classification for Periodontal Diseases
Pg 133-135 (Trauma from Occlusion)

W
Pg 245-248 top left (Especially Tables 16-1 and 16-2)
Pg 279 middle right - 282 top (Trauma from Occlusion)

EPIDEMIOLOGY OF PERIODONTAL DISEASES

G & W-4
Pg 81-93

W
Pg 312-335

END JULY 2017

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ETIOLOGY IN GENERAL

G & W-4

Pg 47-56
Pg 87-93
Pg 137-155 (Immunity and Inflammation)
Pg 157-170 (Host Response
Pg 637-639 (Risk Factors and Assessment)

W
Pg 251 lower left - 255
PLAQUE (BIOFILM) DEPOSITS AS THE NECESSARY ETIOLOGICAL FACTOR

G & W-4
Pg 95-120 (Biofilms and Periodontal Infections)
Pg 128 (Section 3- (Local Factors that Increase Biofilm Pathogenicity)

CALCULUS DEPOSITS AS AN ETIOLOGICAL FACTOR

G & W-4
Pg 87-89 (top of page)
Pg 121-125 (Outline and Calculus)
Pg 95-120 (Biofilms and Periodontal Infections)
Pg 128 (Section 3- (Local Factors that Increase Biofilm Pathogenicity)

PHASES OF PERIODONTAL TREATMENT AND OVERVIEW OF DENTAL HYGIENE TREATMENT PLAN AND OBJECTIVES

G & W-4
Pg 387-388 Decisions and Treatment Sequencing
Pg 393-397 Principles of & Typical Plans for Non-Surgical Periodontal Therapy
Pg 407-414 Section 3-Decisions Non-Surgical Therapy

Pg 351-360 (Especially note Table 24-1 on Pg 353)
Pg 551-553 (Especially Fig VI-1 and the “Objectives of Treatment” section)
GINGIVITIS: PATHOGENESIS, HISTOLOGICAL & CLINICAL FEATURES

G & W-4
Pg 47-53 Read to “Periodontitis-Permanent Tissue Destruction”
Pg 148-155 (The Inflammatory Process)
Pg 223-233 (Clinical Features)
Pg 235-251 (Read all, but for now pages 235-238 are especially important)

W
Pg 210- Oral Mucosa
Pg 212-222
Pg 324 (Sulcus Bleeding Index) – 327 top right (See especially item VI - Gingival Index of Loe)

END AUGUST 2017

This completes the list of my assignments for the July and August ADHP lecture sessions. These are posted now for your information, reading, and study prior to the initial session in July.

Lists for the future months will be posted when they are finalized.