

DH79 Final Study Guide

Professor Hellums 2023

- READ READ READ the questions and all answers CAREFULLY, and choose the best possible answer option
- Multiple choice (including True/False-two statements)

TOPICS

- Structures of the Periodontium including the alveolar process
- Function of the structures of the Periodontium
- Signs and symptoms of health and disease
- Multiple types of disease
- Definition of desmosome and hemidesmosome
- Epithelial tissues and connective tissue
- How tissues change from health to disease (clinically and cellularly)
- Different fiber groups
- Definition of a suprabony and infrabony pocket
- What has the AAP/EFA periodontal disease classification system provided? Refer to the task force document from module week 4
- Know differences between Gingivitis and Periodontitis (**modifiers, descriptors, and types**)
- Staging and Grading (Know the guidelines and what they stand for)
- Gingival health or disease vs Periodontal health or disease
- Necrotizing Gingivitis (NP) and Necrotizing Periodontitis (NP)
- Implant health, mucositis and implantitis
- Characteristics of an implant
- Know the different types of Gingival Biotype (phenotype)
- Risk factors to periodontal diseases
- Differences of characteristics of gram negative and gram positive bacteria
- Case study scenarios
- Key Definitions/Terms and how they relate and may be interchangeable
 - § Slight (mild), moderate, severe
 - § Early, moderate, advanced
 - § Localized, generalized
 - § Acute, chronic, aggressive
 - § Refractory, recurrent, site specific
 - § Therapeutic endpoint
- Plaque biofilm (characteristics, formation, content, and how to eliminate it)
- Define Coaggregation
- Know early, intermediate, late colonizers (gram negative and gram positive)
- What is immunity
- Process of inflammation
- Be familiar with the terms:
 - § Opsonization
 - § Chemotaxis
 - § Trans-endothelial migration
 - § Phagocytosis
 - § Biochemical mediators
 - § C-reactive proteins
- Define Biologic equilibrium/symbiosis/disbiosis
- Miller and Cairo Classification
- Dental Hygiene responsibility to patient care
- 5 phases of periodontal treatment (pg.195 table 10-4)
- Guidelines to patient consent and refusal
- Characteristics of:
 - § P.gingivalis
 - § A.actinomycetemcomitans
 - § T.forsythia
 - § P.intermedia