



**Academy**  
*of General Dentistry*

# **FELLOWSHIP EXAM CONTENT OUTLINE**

**Application Information**

**Dates and Locations**

**Study Hints**

**Preparation Guidelines**

## THE AGD FELLOWSHIP EXAM

The Fellowship Exam is developed by a team of general dentists who represent the broad spectrum of the AGD's membership. Using a combination of clinical and academic experience, areas of expertise, and reference books and periodicals, the 16-member Fellowship Exam Committee begins work on the next edition of the exam within weeks after the previous exam is administered. The exam goes through many revisions before it reaches its final form.

Each exam is finalized in January of the year it is initially offered. Thus, the exam does NOT include new information or research findings published or made available after that time.

The Fellowship Exam covers all dental disciplines and strongly emphasizes clinical applications of currently accepted dental knowledge, techniques and procedures. The committee expects candidates to draw on their own practical experiences as they take the Fellowship Exam. However, the committee recommends that candidates refresh their knowledge of basic clinical information in the 16 areas of general dentistry covered in the exam.

## FELLOWSHIP AWARD REQUIREMENTS

Members must pass this exam in order to attain the AGD Fellowship award. Active AGD membership for **three** consecutive years and completion of 500 hours of FAGD-approved continuing education credit are also requirements for Fellowship award. The exam may be taken before the other two requirements are fulfilled and can, in fact, be taken 90 days after an active AGD membership begins.

Attendance at a convocation ceremony, held during the AGD Annual Meeting & Exhibits, is also mandatory for Fellowship. Once the Fellowship award application is evaluated and approved, successful award candidates are allowed three years to attend a convocation ceremony to receive the award. To request an exam or award application, contact the dental education department at 888.243.3368, ext. 4969.

To view your continuing education record at any time, go to the My CE section of the AGD web site at [www.agd.org](http://www.agd.org). To request a copy of your transcript, contact the membership service department at 888.AGD.DENT (243.3368).

## **EXAM CONTENT AND FORMAT**

The AGD Fellowship Exam consists of approximately 250 multiple choice test questions in the following dental disciplines:

- Biomaterials
- Dental Imaging
- Endodontics
- Environmental Safety and Infection Control
- Esthetics
- Implants
- Occlusion, TMD & Facial Pain
- Oral Medicine, Pharmacology & Medical Emergencies
- Oral Pathology
- Oral Surgery, Anesthesia and Pain Control
- Orthodontics
- Patient & Risk Management

- Pediatric Dentistry
- Periodontics
- Prosthodontics
- Restorative Dentistry

The exam is administered in a one day, four-hour testing session. The Fellowship Exam Committees use a detailed summary, which contains an outline of each discipline covered on the exam to construct the exam. These outlines are strictly adhered to by the Exam Committees during the development of the exam. The discipline outlines are listed at the end of this booklet for your review.

### **SAMPLE QUESTIONS**

The two types of multiple choice questions you will see on the Fellowship Exam are:

- 1. SIMPLE MULTIPLE CHOICE QUESTIONS**
- 2. COMPLEX TRUE-FALSE QUESTIONS**

#### **1. SIMPLE MULTIPLE CHOICE QUESTIONS**

Most of the questions fall into this category. The problem is stated either in the form of a direct question with four responses, or as an incomplete statement with a selection of several phrases to complete the statement. There are two distinct types of multiple choice questions: Correct Answer variety and Best Answer variety.

#### **CORRECT ANSWER VARIETY:**

In these questions, the statement is followed by several responses. One of these will be absolutely correct while the others are not. Questions that fall into this category deal with topics of a factual nature.

**EXAMPLE:**

Assault and battery are legal terms describing liability when treatment:

- A. is abusive in nature.
- B. is done without consent.
- C. is unreasonably traumatic.
- D. falls short of patient expectations.

**HINTS:**

1. Attempt to select the correct answer directly. If this is not possible, attempt to determine the answer by the process of elimination.
2. Read the question carefully. DO NOT add to or delete from the information provided.
3. Do not read information into a question that is not there.
4. You may find it helpful to consider each alternative "true," "false" or "unsure" as you read so the correct answer may become more apparent.

**BEST ANSWER VARIETY:**

These questions are used to assess the dentist's ability to make clinical judgments. In these questions, more than one response may be correct to some degree. Candidates are directed to select the "best" or "most nearly correct" response.

**EXAMPLE:**

The BEST time to perform an occlusal adjustment of the natural dentition, when constructing a mandibular partial denture is:

- A. during the try-in appointment.
- B. at the earliest appointment after diagnosis.

- C. at insertion of the denture after border correction.
- D. following remount procedure and analysis.

**HINTS:**

1. Think of the advantages and disadvantages of each answer and the findings currently supported in dental literature before selecting a response.
2. Select the best answer of those provided, even though there may be a better answer that is not included.
3. Pay attention to words in the statement that are capitalized.

**2. Complex True-False Questions**

These questions consist of two statements that may or may not be directly related. Candidates must determine the accuracy of each statement and provide the correct TRUE/FALSE combination.

**EXAMPLE:**

Amalgam scrap should be stored in a sealed container under X-ray fixer solution. Disposable amalgam capsules are preferable to reusable ones primarily because they reduce the risk of accidental mercury spills.

- A. Both statements are TRUE.
- B. Both statements are FALSE.
- C. The first statement is TRUE; the second is FALSE.
- D. The first statement is FALSE; the second is TRUE.

**HINTS:**

1. Deal with each statement independently.
2. As with typical true/false questions, be alert to “absolute determiners.” Statements that include “all,” “always,” “never” are usually false.

## **TEST TAKING TIPS**

Anxiety is a frequent side effect of testing. Fortunately, there appears to be some optimal level of anxiety desirable in a testing situation. Mild degrees of anxiety have been shown to enhance performance by sharpening concentration.

The following strategies are suggested to help minimize anxiety and maximize performance:

1. Work through the exam rapidly, but at a pace that allows a reasonable assurance of accuracy.
2. Pace yourself. Set up a time schedule so that you have the best chance of completing the exam within the time limits, and extra time to re-check your answers.
3. If an answer is not readily apparent, either temporarily skip the question and come back to it later or, if time is running short, guess.
4. Mark the exam booklet by questions you skipped, as well as those you would like to reconsider, so they can be easily located later.
5. There is no penalty for guessing on this exam. Therefore, it is to your benefit to answer every question, even those few that you know little about.

## STUDY AIDS

### **FELLOWSHIP EXAM STUDY GUIDE**

The Fellowship Exam Study Guide contains 100 questions from previous Fellowship Exams. Each question is accompanied by an answer, a critique that explains the correct and incorrect answers, and references that document the answers and provide additional resource materials.

The questions are drawn from the subject areas covered on the exam, and provide a means to familiarize candidates with the format and the types of questions candidates will find in the Fellowship Exam. Candidates can simulate taking the exam using the answer sheet provided in the study guide then score their own exam to determine if their answers were correct or incorrect using the critiques. Candidates can further research a question by utilizing the references at the back of the study guide.

AGD members will receive 15 credit hours of self-instruction after returning the completed original answer sheet. **You will not receive credit for completing subsequent volumes of the study guide or submitting a copy of the answer sheet.** The study guide is \$85\* and may be purchased by phone by calling **888.AGD.DENT** or order online at [www.agd.org](http://www.agd.org).

### **FELLOWSHIP REVIEW COURSE**

A two-day review course to help candidates prepare for the Fellowship Exam will be offered at the AGD Annual Meeting & Exhibits. As part of the course, all registrants will receive a current

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\* Price subject to change without notice

copy of the Fellowship Exam Study Guide prior to the annual meeting. Take advantage of this unique opportunity to prepare for the exam with your peers at the annual meeting. If desired, attendees may register on-site and sit for the Fellowship Exam at the annual meeting. If you are interested in participating in the review course, contact the AGD directly for more information.

### **THE STUDY BUDDY FORUM**

The Study Buddy on-line forum was developed for members to ask questions, exchange tips or resources and share personal exam preparation experiences with other members who are currently preparing to sit for the Fellowship Exam. The forum is monitored regularly to provide assistance to those members who have questions related to the exam and the exam process. Click on [Study Buddy Forum](#) to go to the forum.

## **GENERAL INFORMATION ABOUT THE FELLOWSHIP EXAM**

### **PAPER & PENCIL VERSION OF THE FELLOWSHIP EXAM:**

The paper and pencil version of the Fellowship Exam will be administered at the next three AGD Annual Meetings in the following locations:

- **2011**            **San Diego, CA**
- **2012**            **Philadelphia, PA**
- **2013**            **Nashville, TN**

### **DANTES TESTING SITES:**

Only those AGD members who are practicing overseas may arrange to take the Fellowship Exam at a DANTES (Defense

Activity for Non-Traditional Education Support) testing site in conjunction with the annual meeting exam date. Each member is responsible for making arrangements with the DANTES Test Control Officer (TCO).

A letter must be submitted to the AGD from the testing officer verifying the following information:

- Name of the person who will administer the exam
- Shipping address for the exam materials
- Contact telephone number or e-mail address
- A statement confirming that the testing officer will administer the exam and secure it until it is returned to the AGD.
- The letter must confirm the name of the candidate who will be sitting for the exam.

Candidates will **NOT** be allowed to sit for the Fellowship Exam if a letter is not submitted from the DANTES testing officer.

### **COMPUTERIZED VERSION OF THE FELLOWSHIP EXAM**

The Fellowship Exam is available on computer at Schroeder Measurement Technologies (SMT) centers throughout the United States. An exam appointment may be scheduled at SMT sites year round. No advance computer knowledge is necessary, and scores are available immediately. There is a fee of \$450 for taking the exam on computer at an SMT site. Candidates will enjoy the convenience of a site close to home and the ability to schedule the exam on a date of their choosing, minimizing disruption to your practice. For more information, please call **888.AGD.DENT, (243.3368), ext. 4969** or go online at **www.agd.org**.

## **APPLICATIONS**

Dental school graduates who are active AGD members for a minimum of 90 days before the date of the exam may apply to sit for the Fellowship Exam.

Candidates may register for the paper and pencil version of the Fellowship Exam up to and including the morning of the exam at the annual meeting.

Candidates wishing to take the exam at SMT testing centers must submit an application to the AGD at least one week before they wish to schedule an exam, and then make their own appointment upon receiving AGD confirmation.

Dentists practicing overseas who wish to take the paper and pencil version of the Fellowship Exam at a DAN TES site must submit an application 90 days before the exam date. The computerized version of the Fellowship Exam is not available outside the United States.

Exam applications may be obtained from the AGD Chicago office by writing: Academy of General Dentistry, 211 E Chicago Avenue, Suite 900, Chicago, IL 60611, calling toll free **888.AGD.DENT**, ext. 4969, or visiting the AGD web site at [www.agd.org](http://www.agd.org).

## **FEES AND CANCELLATION POLICY**

The full exam fee for either the paper & pencil or the computerized version of the Fellowship Exam is as follows:

<b>Paper and Pencil</b>	<b>Computerized</b>
<b>\$450</b>	<b>\$450</b>

The exam fee may be paid by Visa, MasterCard, AMEX, Diners Club or check made payable to the Academy of General Dentistry.

If a candidate's appointment for the paper and pencil version of the exam is cancelled five (5) days before the exam date, a full refund is granted. If the appointment is cancelled less than five (5) days prior to the exam, a \$50 processing fee is forfeited. **Candidates may cancel an appointment with SMT at least five (5) days in advance with no penalty; less than five days notice will result in a forfeit of the entire exam fee.** If a candidate does not appear for a scheduled appointment, the entire exam fee is forfeited. The full exam fee is required to sit for the exam at a future date. The exam fee is not refunded if the candidate fails the exam. No discount is given to those members who come within five (5) points of a passing score.

### **RESTRICTIONS**

The AGD limits the time an exam fee is held, but not utilized by a candidate to a period of two years. Once the two-year time limit has expired, the AGD will assess a \$50 handling fee from the original exam fee and return the remainder of the exam fee to the candidate.

### **SPECIAL ACCOMMODATIONS**

The AGD is in compliance with the Americans with Disabilities Act. Candidates who need special assistance should submit requests and verification of their condition with their applications.

## **EXAM RESTRICTION**

All electronic devices, such as personal digital assistants (PDAs), pagers and cell phones are strictly prohibited in the room during the Fellowship Exam.

## **SCORES**

The Fellowship Exam is norm-referenced. Scores are based on the candidate's total number of correct answers. A minimum pass score is established annually, which indicates a level of dental knowledge appropriate for attainment of the Fellowship award. Each year's exam is statistically equated to previous year's exam assuring the pass level is consistent so that candidates do not have to compete against each other.

Scores are provided for each major subject area to help candidates identify their strengths and weaknesses. Scores are mailed approximately eight-ten weeks after the annual meeting/DANTES testing date. Scores are provided to candidates at SMT sites immediately upon exam completion of the exam. **NO score information will be given out over the telephone, by fax, or by e-mail.**

## **IRREGULARITIES**

The Examinations Council defines "irregularities in testing" as a situation in which an exam fails to measure the ability of a candidate appropriately. One reason for failing to measure the ability of a candidate is the direct communication among two or more candidates. If a test administrator observes communication between candidates during the exam, it will be reported as an irregularity. An irregularity may also involve being the innocent victim of a copier. The Examinations Council rules on each

irregularity and may recommend that scores be voided without refund. Each candidate is responsible for protecting the integrity of his/her answer sheet.

### **RE-EXAMINATION**

A candidate who does not pass the Fellowship Exam may apply to take a subsequent version of the exam upon submission of a new application and the exam fee. Re-examination involves sitting for the entire exam. It is not possible to be re-examined in selected subject categories only. In addition, a candidate may not sit for the same version of the Fellowship Exam. A candidate who fails the current exam must take the next version of the exam. There is no limit to the number of times a candidate may retake the exam.

### **ADDITIONAL HELP**

Have a question or a comment? Please contact the AGD at **888.AGD.DENT (243-3368)** we will be glad to help you.

# FELLOWSHIP EXAMINATION OUTLINE

## BIOMATERIALS - 24 questions

### **I. Dental Impression Materials**

- A. Hydrocolloids
  - 1. Reversible
  - 2. Irreversible
- B. Elastomeric Impression Materials
- C. Combinations

### **II. Gypsum Products**

- A. Stones (Type III)
- B. High-Strength Stones (Type IV)
- C. Investments

### **III. Methylmethacrylate and Vinylmethacrylate Resins**

- A. Denture Base Materials
- B. Denture Reline Materials
- C. Denture Repair Materials
- D. Intermediate (Temporary) Crown Materials
- E. Mouthguard Materials

### **IV. Dental Cements/Luting Agents**

- A. Zinc Phosphates
- B. Glass Ionomers
- C. Resin Based
- D. Polycarboxylates
- E. ZOE
- F. Non-Eugenol
- G. Compounds

### **V. Bases, Liners and Temporary Restorative Materials**

- A. Calcium Hydroxide Compounds
- B. Zinc Oxide-Eugenol Compounds/Non-Eugenol Compounds
- C. Glass Ionomers/Compomers
- D. Desensitizing Agents
- E. Etching Materials

**VI. Metals**

- A. Removable Prosthesis Frameworks
- B. Individual Crowns/Fixed Partial Dentures
- C. Dental Solders
- D. Titanium Implants
- E. Pins, Plates and Screws

**VII. Dental Restorative (Filling Metals)**

- A. Gold
- B. Dental Amalgam Alloys
- C. Resin Restorative Materials
- D. Glass Ionomers (Type II)
- E. Pins
- F. Compomers
- G. Stainless Steel Crown
- H. Dentin Bonding Agents

**VIII. Dental Ceramics**

- A. Fusible/Stacked
- B. Fusible/Molded
- C. Castable
- D. Porcelain Stains
- E. Porcelain Glazes

**IX. Pit and Fissure Sealants**

- A. Unfilled

B. Partially Filled

**X. Materials Used in Periodontics**

- A. Root Treatment Chemicals
- B. GTR (Guided Tissue Regeneration)
- C. Bone Augmentation Materials
- D. Medicaments

**XI. Materials Used in Endodontics**

- A. Filling Materials
- B. Canal Sealers/Cements
- C. Chelating Agents
- D. Disinfecting/Cleaning Agents
- E. Medicaments
- F. Posts
  - 1. Cemented
  - 2. Bonded
  - 3. Cast
  - 4. Preformed
- G. Drying Agents

**XII. Materials Used in Orthodontics**

- A. Elastomerics
- B. Bands, Brackets, Loops, Buttons & Hooks
- C. Arch & Tie Wires
- D. Waxes
- E. Space Maintainers

**XIII. Bleaching Agents**

- A. Non-Vital Teeth
- B. Vital Teeth

**XIV. Diagnostic Materials**

- A. Caries and Fracture Detection Stains
- B. Fit Check Materials
  - 1. Crown
  - 2. Dentures
  - 3. Partial Dentures
- C. Occlusion Detection Materials
- D. Bite Registration Materials
- E. Plaque Detection Agents
- F. Pulp Vitality Detection Materials

## **DENTAL IMAGING - 20 Questions**

### **I. Principles and Techniques**

- A. Photography
- B. Radiography
  - 1. Panorama
  - 2. Cephalometric
  - 3. Tomos
  - 4. Other (CAT, MRI, etc.)
- C. Digital Imaging

### **II. Total Quality Management**

- A. Selection
- B. Exposure
- C. Processing/Mounting
- D. Interpretation

### **III. Differential Diagnosis of Imaged Lesions**

- A. Lucencies
- B. Opacities
- C. Mixed Density Lesions

## **IMPLANTS - 15 Questions**

### **I. Treatment Planning**

- A. Evaluation and Diagnosis
- B. Medical History
  - 1. Systemic Complications
  - 2. Tobacco/Alcohol
- C. Imaging Interpretation
- D. Clinical Examinations
  - 1. Bone Structure
  - 2. Size
  - 3. Quality
  - 4. Sinus Location
  - 5. Nerve Position
  - 6. Occlusion
  - 7. Periodontal Considerations
- E. Determine Options/System Selection
- F. Consent
- G. Team Coordination

### **II. Implant Types**

- A. Root Forms
- B. Non Root Forms
- C. Staple

### **III. Procedures**

- A. Surgical
  - 1. Stage1/Stage 2
  - 2. Single Stage
  - 3. Ancillary
    - a. Sinus Lift
    - b. Augmentation (Hard/Soft Tissues)

- c. Autologous (Intra/Extra Oral Donor Sites)
  - d. Non-Autologous (Foreign Body)
  - e. Nerve Lateralization
- B. Restorative
- 1. Provisional Restoration
  - 2. Abutment Selection
  - 3. Fixed
    - a. Single
    - b. Multiple (Splinted, Free Standing)
    - c. Cemented/Screw-Retained
  - 4. Removable
    - a. Endosseous (Bar-Retained)
    - b. Transosseous (Combination, Stapled)
- C. Maintenance
- 1. OHI/Homecare
  - 2. Special Instructions
  - 3. Re-evaluation

## **OCCLUSION, TMD & FACIAL PAIN - 12 Questions**

### **I. Diagnosis**

- A. Tooth Related
- B. Joint
- C. Neuromuscular
- D. Neoplasia
- E. Psychological
- F. Environmental

### **II. Treatment**

- A. Psychological
- B. Pharmacological
- C. Muscular/Skeletal

1. Physical Therapy
2. Occupational Therapy
- D. Neurological
- E. Mechanical (Tooth)
  1. Equilibration
  2. Splints/Orthotic Devices
- F. Dietary

## **ORAL PATHOLOGY - 18 Questions**

- I. Trauma/Inflammatory/Reactive**
- II. Infectious/Microbial**
- III. Neoplastic**
  - A. Benign
  - B. Malignant
- IV. Immune Defects**

## **ORAL SURGERY, ANESTHESIA & PAIN CONTROL - 19 Questions**

- I. Pain Control**
  - A. Local Anesthesia
  - B. Analgesia/Nitrous Oxide
  - C. Conscious Sedation
    1. Oral
    2. IV
  - D. Hypnosis & Others

## **II. Oral Surgery**

- A. Indications
- B. Surgical Techniques
- C. Biopsy Techniques
- D. Complications

## **III. Diagnosis & Management of Facial Trauma**

### **PROSTHODONTICS - 26 Questions**

#### **I. Diagnosis and Treatment Planning – Fixed**

- A. Occlusal Plane Evaluation
- B. Ridge Shaped and Augmentation
- C. Diagnostic Casts/Articulators
- D. Periodontal Consideration
- E. Retainer Choice (Full, 3/4, or Resin Bonded)
- F. Design (Teeth to Include)

#### **II. Preparation, Impressions and Provisional Restorations – Fixed**

- A. Preparation Design
- B. Pontic Design
- C. Posts/Cores/Build-ups
- D. Margin Placement
- E. Soft Tissue Management
- F. Impression Techniques
- G. Provisional Restorations
- H. Esthetics

#### **III. Insertion and Post-Insertion – Fixed**

#### **IV. Diagnosis and Treatment Planning – Removable**

- A. Soft Tissue
- B. Hard Tissue
- C. Jaw Relationship
- D. Patient Health
- E. Preprosthetic Surgical Indications
- F. Overdenture Abutment Selection

**V. Removable Complete Dentures**

- A. Overdenture Abutment Preparation
- B. Immediate Denture Conditioning
- C. Jaw Relations (Vertical and Centric)
- D. Set Up
- E. Insertion
- F. Post-Insertion Troubleshooting
- G. Reline and Rebase
- H. Tissue Conditioning

**VI. Removable Partial Dentures**

- A. Framework Design
- B. Abutment Teeth
- C. Survey Considerations
- D. Impressions
- E. Tooth Selection and Arrangement
- F. Framework Try-In
- G. Insertion
- H. Post-Insertion Troubleshooting

**ENDODONTICS - 22 Questions**

**I. Diagnosis and Treatment Planning**

- A. Differential Diagnosis
  - 1. Pulpal Pathology

2. Periapical Pathology
3. Systemic Etiology
4. Fractures
5. Failed Treatments
6. Avulsion/Intrusion (Partial & Complete)

## **II. Pulp Biology**

- A. Tooth and Pulp Morphology
- B. Pulpal Histology and Microbiology

## **III. Treatment**

- A. Emergency
- B. Anesthetic Considerations
- C. Apex Location
- D. Cleansing/Shaping
- E. Obturation
- F. Surgical Management

## **IV. Complications**

- A. Perforations
- B. Broken Instruments
- C. Root Fractures
- D. Overfills and Inadequate Fill

## **V. Other Endodontic Procedures**

- A. Bleaching
- B. Apexification
- C. Hemisections
- D. Root Amputations

## **VI. Post-Treatment Evaluation**

# ENVIRONMENTAL SAFETY AND INFECTION CONTROL - 9

## Questions

### **I. Barrier Protection**

- A. Patient
- B. Dentist & Staff
- C. Complications/Adverse Reactions

### **II. Sterilization & Disinfection**

- A. Waterlines
- B. Instruments
- C. Operatory
- D. Laboratory
- E. Radiology

## ESTHETICS- 11 Questions

### **I. Diagnosis and Treatment Planning**

- A. Patient Evaluation
- B. Clinical Evaluation
  - 1. Clinical Examination
  - 2. Radiographic Examination
  - 3. Supportive Diagnostics
- C. Treatment Planning
- D. Patient Consultation/Case Presentation

### **II. Whitening Agents**

- A. In-Office Technique
- B. Take-Home Technique
- C. Over the Counter (OTC)

### **III. Veneers**

- A. Direct
- B. In-direct

**IV. Periodontal Techniques**

- A. Attachment Procedure
- B. Smile Line Evaluation
- C. Perioplasty

**V. Other Tooth Color Restorations**

- A. Porcelain
- B. Non-Porcelain

**VI. Placement and Post-Operative Care**

**ORAL MEDICINE, PHARMACOLOGY & MEDICAL EMERGENCIES- 20 Questions**

**I. Patient Evaluation**

- A. History
- B. Physical Examination
- C. Tests
- D. Consults/Referrals

**II. Diagnosis**

- A. Differential
- B. Medical
- C. Oral

**III. Management of Systemic & Local Medical Problems**

**IV. Pharmacology**

- A. Dose Responses/Toxicity

- B. Adverse Drug Reactions
- C. Absorption, Distribution, Excretion
- D. Most Commonly Prescribed Medications
- E. Most Common Over the Counter (OTC) Medications
- F. Analgesics
- G. Anti-Microbials
- H. Anti-Anxiety Drugs

**V. Medical Emergencies**

- A. Basic Life Support (BLS)
- B. Other Emergency Treatment

**ORTHODONTICS - 8 Questions**

**I. Anatomy and Skeletal Growth**

- A. Growth of Naso-Maxillary Complex
- B. Growth of Mandible

**II. Development of Dentition**

- A. Primary
- B. Permanent
- C. Normal
- D. Malocclusion

**III. Diagnosis and Treatment Planning**

- A. Diagnostic Techniques
- B. Classification of Malocclusion
- C. Indications
- D. Contraindications

**IV. Treatment**

- A. Removable vs. Fixed Single

1. Rationale
2. Treatment Needs
3. Complications/Results
- B. Phased vs. Multi-Phased
- C. Interceptive vs. Limited vs. Comprehensive
- D. Surgical vs. Non-Surgical

## **V. Retention, Relapse & Retreatment**

### **PATIENT & RISK MANAGEMENT - 5 Questions**

#### **I. Patient Management**

- A. Doctor-Patient Communication
- B. Special Needs
  1. Dental Anxiety and Fear
  2. Psychiatric/Psychological
  3. Geriatric
  4. Alcohol/Substance Abuse
  5. Physically Challenged
  6. Anorexia/Bulimia
  7. Financially and Motivationally Challenged
  8. Non-Ambulatory
  9. Pregnancy
  10. HIV/AIDS
  11. CVA (Stroke)
  12. Other

#### **II. Risk Management**

- A. Ethics
- B. Standards of Care
- C. Informed Consent
  1. Requirements

2. How Achieved
3. Documentation
- D. Risk Prevention/Reduction
  1. Doctor-Patient Relations
  2. Record Keeping/Documentation
  3. Information Gathering
  4. Diagnosis
  5. Ongoing Care
  6. Unexpected Outcomes (Treatment Errors)
  7. Electronic Records
- E. Peer Review
  1. Doctor-Doctor Relations
- F. Professional Liability and Responsibility
  1. Insurance
  2. Continuing Education
  3. Expert Witness
  4. Advertising

## **PEDIATRIC DENTISTRY - 11 Questions**

### **I. Tooth Related Concerns**

- A. Tooth Development
  1. Normal
  2. Abnormal
- B. Eruption
- C. Caries Prevention, Diagnosis & Treatment
- D. Pulpal Diagnosis and Treatment
- E. Trauma Diagnosis and Treatment
- F. Restorative Techniques

### **II. Soft Tissue Concerns**

- A. Developmental

- B. Periodontal
- C. Oral Manifestations of Systemic Diseases

### **III. Other Factors**

- A. Oral Habits
- B. Diet and Nutrition
- C. Epidemiology

## **PERIODONTICS - 16 Questions**

### **I. Anatomy of the Periodontium**

- A. Oral Epithelium
- B. Connective Tissue
- C. Cementum
- D. Bone

### **II. Etiology of Periodontal Disease**

- A. Plaque and Microorganisms
- B. Calculus
- C. Anatomic and Iatrogenic Factors
- D. Heredity and Immune Factors
- E. Habits
- F. Systemic Disease

### **III. Diagnosis**

- A. Gingivitis
- B. Periodontitis
- C. Necrotizing Ulcerative Gingivitis (NUG)
- D. Juvenile Periodontitis
- E. HIV-G/HIV-P
- F. Rapidly Progressive Periodontitis
- G. Refractory Periodontitis

#### **IV. Treatment Planning**

- A. Non-Surgery (Initial Therapy)
  - 1. Oral Hygiene Instructions
  - 2. Scaling and Root Planning
  - 3. Curettage
  - 4. Pharmacological Therapy
  - 5. Nutrition
- B. Surgery
  - 1. Periodontic-Endodontic
  - 2. Mucogingival
  - 3. Furcations
  - 4. Esthetics
  - 5. Crown Lengthening Procedure
  - 6. Other Pre-prosthetic Procedures

#### **V. Maintenance and Re-Evaluation**

### **RESTORATIVE DENTISTRY – 16 Questions**

#### **I. Differential Diagnosis**

- A. Infectious Lesions (Caries)
- B. Traumatic Lesions
  - 1. Micro
  - 2. Macro
- C. Chemical/Environmental
  - 1. Pre-eruption
  - 2. Post-eruption
- D. Development

#### **II. Restoration Selection**

- A. Dentist Issues

- B. Patient Issues
- C. Caries Control

### **III. Techniques**

- A. Alloys
- B. Composites
- C. Glass Ionomers
- D. Compomers
- E. Sealants
- F. Liners/Bases
- G. Veneers
  - 1. Ceramic
  - 2. Composite
- H. Inlays/Overlays
  - 1. Gold
  - 2. Ceramic
  - 3. Composite
- I. Single Crowns
  - 1. Gold
  - 2. PFM (Porcelain Fused to Metal)
  - 3. Ceramic

### **IV. Post-Operative & Risk Management**

# NOTES

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