STUDY GUIDE FOR ASSOCIATE FELLOW AND FELLOW MEMBERSHIP EXAMINATIONS*

General Information

This Study Guide has been prepared to help applicants for both Associate Fellow and Fellow membership prepare for their examinations.

In preparation for each examination, the Admissions and Credentials (A & C) Board recommends that candidates study the scientific literature and textbooks in the field of implant dentistry. The A & C Board does not publish a recommended reading list since it would be continually subject to additions and deletions as literature in the implant dentistry field changes.

Associate Fellow Membership Examination

The Associate Fellow examination has two parts: Part 1 is a written examination and Part 2 is an oral examination that includes five standardized cases and the candidate’s three reports that they submit to satisfy the case requirements for the examination. During this examination, the candidates must demonstrate entry-level knowledge of implant dentistry.

Part 1 (Written) Examination: The written portion of the Associate Fellow examination includes 150 multiple-choice items. Each test item is a question, a statement or an incomplete statement followed by four possible answers. The candidate selects the one best answer. A candidate’s score is based on the number of correct answers entered on his or her answer sheet. There is no penalty for guessing. Four hours are allotted for the written examination.

Preparation for the Part 1 Examination: In preparing for the examination, the A & C Board suggests that candidates study current textbooks and periodicals. A list of key words that are used in the test questions, and sample questions that will enable candidates to become familiar with the written examination’s format are provided on pages 3 and 4.

Outline for Part 1 Examination: The 150 items on the examination are distributed among four categories. These categories, the percentage of items assigned to each category, and the topics within the categories are listed below.

I.  Basic Science  20%  30
   A.  Anatomy
   B.  Biomaterials
   C.  Pharmacology
   D.  Physiology

* Approved by the Admissions and Credentials Board, May 2, 1997, revised to April 2011.
II. Diagnostic Examinations 21% 32
A. Medical History and Tests
B. Dental History and Oral Examinations
C. Radiology
D. Diagnosis and Treatment Planning

III. Implant Prosthetics 19% 28
A. Biomaterials
B. Biomechanics
C. Components
D. Techniques

IV. Implant Surgery 40% 60
A. Presurgical Considerations
B. Endosseous Implants
C. Surgical Techniques
D. Augmentations and Membranes
E. Postoperative and Maintenance Care
   1. Root Form Implants
   2. Other Implant Modalities
      a. Blades
      b. Subperiosteal
      c. Transosteal
      d. Ramus Frame

Part 2 (Oral/Case) Examination: The second part of the Associate Fellow Membership Examination is clinically oriented. Candidates demonstrate their knowledge of implant dentistry through five standardized cases and the reports that they submit to satisfy the case requirements for the examination. For each of the five standardized cases, candidates review a written description, a panograph and a photograph and then respond to questions related to treatment of the case. The case examination is based on the cases submitted by the candidate and follows a case presentation and discussion format.

Fellow Membership Examination

The Fellow examination has two parts: an oral/case examination, which includes review of submitted cases, and presentation of professional/leadership credentials. During the oral/case examination, candidates must demonstrate in-depth, advanced knowledge of all phases of implant treatment.

Oral/Case Examination: Advanced implant techniques are emphasized in the oral/case examination, which is clinically oriented. Candidates demonstrate their knowledge of implant dentistry through five standardized cases and the reports that they submit to satisfy the case requirements for the examination. For each of the five standardized cases, candidates review a written description, a panograph and a photograph and then respond to questions related to treatment of the case. The case examination is based on the cases submitted by the candidate and follows a case presentation and discussion format.
The image contains a list of keywords related to implantology. The keywords are categorized into groups such as "KEY WORDS" and "Medical conditions." Some keywords include "Ailing implants," "Immediate loading," "Implant coatings," "Periodontal disease," "Passivation," and "Periodontal microflora." The text also mentions medical conditions such as "Blood dyscrasia," "Bone composition," and "Bone loss." Additionally, it includes keywords related to surgical procedures like "Guided bone regeneration," "Healing response," and "Hyperbaric chamber." The document appears to be a part of an examination or study material for Associate Fellows.
Sample Written Examination Questions

1. A failing or ailing implant shows an increase in subgingival:
   
   A. S. Mutans.
   B. Aerobic gram negative bacteria.
   C. Anaerobic gram negative bacteria.
   D. Black pigmented porphyromonas.

2. A presurgical radiographic stent with vertical radiopaque indices at the center of each tooth position identifies:
   
   A. The mesial-distal position of the proposed implant site.
   B. Vital anatomical structures.
   C. The potential emergence profile.
   D. Radiographic distortion.

3. Lowering mechanical stress to the crestal bone-implant interface can best be accomplished by the use of:
   
   A. Wide diameter implants (> 4.7 mm).
   B. Long implants (> 12 mm).
   C. A cantilever prosthesis.
   D. Smooth cylinder implants.

**Answers:** 1. c; 2. a; 3. a.