American Board
of Oral Implantology
Knowledge. Certification. Excellence.

Certification Examination Handbook

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The Mission of the ABOI/ID

Oral Implantology / Implant Dentistry is the art and science required to insert and maintain suitable bio- compatible materials and devices as artificial abutments to support the fabrication of specifically designed fixed or removable prostheses to restore adequate function, comfort, and esthetics to the partially or totally edentulous patient.

Organization

The ABOI/ID was organized by the American Academy of Implant Dentistry, its sponsoring organization, to elevate the standards and advance the science and art of Oral Implantology/ Implant Dentistry by encouraging its study and improving its practice. To this end, the Board will:

1. Conduct examinations to determine the qualifications and competence of dentists who voluntarily apply to the Board for certification as Diplomates.

2. Grant and issue Diplomate Certificates in the specialty of Oral Implantology/Implant Dentistry to qualified applicants.

3. Maintain a registry of holders of such Certificates.

4. Serve the public, the dental and medical professions, hospitals, and dental schools by pre- paring and furnishing, on request, lists of Oral Implantologists / Implant Dentists certified as Diplomates by the Board.

The ABOI/ID is recognized by the American Board of Dental Specialties (ABDS) as a certifying Board in Oral Implantology.

Section I: Qualifications and Routes **The requirements to qualify to become a Diplomate of the American Board of Oral Implantology/Implant Dentistry are as follows.**

Route 1-General Dentists (US & Canada)

The following are pre-requisites for ABOI/ID Diplomate Certification Part I (Written Examination) *

1. Applicants are required to hold a DMD/DDS degree from a CODA (Commission on Dental Accreditation) or CDAC (Commission on Dental Accreditation of Canada) accredited institution. A copy of your degree is required with your application.
2. Please provide documentation for 670 hours of continuing education (CE) in implant related courses. These hours must be verified on the certifying organization's letterhead, and the submitted programs must be recognized by AGD/PACE and/or ADA/CERP. If you are an AGD member, you may submit your AGD CE transcript for verification.
3. A copy of your professional dental license with the current expiration date is required.
4. Completion of the following programs will satisfy additional continuing education credits:

	1-year GPR or AEGD university or hospital-based program	1-year Fellow university or hospital-based program	2-year GPR or AEGD university or hospital-based program	2-year Fellow university or hospital-based program	AAID Associate Fellow	AAID Fellow*
CE Credit	100	100	200	200	100	200

*AAID Fellows are exempt from the ABOI Part I written examination and will receive 200 CE hours toward the required 670 CE hours.

Route 2-International Dentists

1. International applicants are required to hold the equivalent of a DMD or DDS degree from an institution outside of the United States or Canada.
2. Please provide documentation for 670 hours of continuing education (CE) in implant-related courses. These hours must be verified on the certifying organization's letterhead. The submitted programs must be recognized by the continuing education provider in your country of residence. If you are an AGD member, you may submit your AGD CE transcript for verification.
3. Completion of the following programs in US or Canada will provide additional continuing education credits towards the required 670 hours.

	1-year GPR or AEGD university or hospital-based program	1-year Fellow university or hospital-based program	2-year GPR or AEGD university or hospital-based program	2-year Fellow university or hospital-based program	AAID Associate Fellow	AAID Fellow*
CE Credit	100	100	200	200	100	200

*AAID Fellows are exempt from the ABOI Part I written examination and will receive 200 CE hours toward the required 670 CE hours.

4. International Residency-based programs will receive the following CE credits toward the required 670 CE hours. Any other completed international programs will be forwarded to the ABOI/ID Board of Directors for further review.

Residency in US or Canada	Oral Surgery	Prosthodontics	Periodontics	Implantology
CE Credit	350	350	350	350

Route 3 – Specialists

The completion of a hospital, university, or dental school specialty residency program based in the U.S. or Canada exempts an applicant from the Part I Written exam.

1. Applicants must hold a DMD/DDS degree or equivalent.
2. Applicants must be a licensed practicing dentist.
3. Applicants have completed a 2-year full-time university based graduate level program in Implant Dentistry in the U.S. or Canada. Approved US programs including but not limited to Jacksonville University and Loma Linda University.
4. Applicants have completed at least a 2-year program in Oral Surgery, Prosthodontics, or Periodontics from a CODA (Commission on Dental Accreditation) or CDAC (Commission on Dental Accreditation of Canada) accredited institution.

Section II: Application Information and Procedures

Application and Examination Fees

The application deadline is **December 1,** the year prior to the examination. The non-refundable application fee should be payable in U.S. dollars.

- One time application fee $600.00 (non-refundable)
- Part I Written Examination Fee $800.00
- Part II Oral Examination Fee $1500.00
- Re-Examination Fee is the full amount for Part I and/or II
- A cancellation Fee of $400.00 applies if canceled less than 30 days of the scheduled exam.

You must pass Part I – Written Exam before applying for Part II – Oral Exam. Parts I & II may not be taken in the same year. Candidates must take and pass Part I - Written Exam before applying for Part II - Oral Exam.

Candidates are allowed three attempts within 3 years to pass Part I – Written Exam. Once Part I has been passed, candidates are then allowed three attempts within three years to complete Part II – Oral Exam.

If you need to re-take Part I or II of the exams, the full amount of the exam fee will be charged.

All applications submitted become the property of the ABOI/ID and will not be returned to applicant. All submitted documents must be in English or have been translated into English.

Refund Policy for Exam Fees

- To receive a full refund of the Part I and/or Part II exam fees you must contact ABOI/ID 30 days or more prior to the scheduled examination date.
- If canceled less than 30 days of the exam, a $400.00 cancelation fee will be assessed.
- No refund will be issued if canceled within 7 days of the exam or if a candidate is a no show.

Examination dates

Dates can be found on the ABOI website and are subject to change.

Examination Results

The Board office informs candidates as to their pass/fail status within eight weeks following the administration of both exams.

Appeal Mechanism

A candidate who fails either the computer administered ABOI/ID Written Examination or ABOI/ID Oral Examination may appeal the results based on the following:

- Such a request is to be made within thirty (30) days after the results of the examination are published.
- The request must be made in writing and must be accompanied by a fee of $500.
- All appeals will be considered by the ABOI/ID Board of Directors and reviewed by ABOI's Psychometrician. The Board's decision is final, and there shall be no further appeal once the examination results have been rescored.

Section III: Examination Information

Part I Written Examination Information

The Part I Written Exam is a computer-based exam administered 1 day annually through Pearson VUE testing centers. The exam consists of 200 multiple-choice test questions and is 5 hours in length. A letter will be sent from ABOI with information on Pearson VUE registration, candidates will be notified when registration opens for the ABOI Part I Written Exam.

Exam questions are not released, and all questions are copyrighted by American Board of Oral Implantology.

Each edition of this examination is developed according to the Test Specifications (see pages 6-8). The *Specifications* are based on findings derived from the ABOI/ID's practice analysis of all registered Diplomates. These analyses elicit information about the activities that Diplomates perform to render safe and effective patient care in their practices. So that the Test Specifications are kept current, the Board repeats these practice analyses periodically. If you are preparing to take the certification examination review the Test Specifications carefully.

The examination is experientially based. The questions require candidates to apply their knowledge of implant dentistry to clinical situations, rather than to merely recall or recognize specific facts. Each test item contains a question that is followed by suggested answers. Candidates are asked to choose the best answer. Candidates must pass Part I Written Examination before taking Part II Oral Examination.

ABOI Part I (Written Exam) Test Specifications

Domain	% of Exam
OBTAINING AND ASSESSING DIAGNOSTIC DATA	**15%**
Assess the patient's medical history	
Evaluate the patient's bone anatomy	
Assess patient risk factors	
Identify all clinical parameters for a completely edentulous patient	
Identify all clinical parameters for a partially edentulous patient	
Assess the patient's dental history	
Obtain and evaluate diagnostic records	
Obtain and evaluate CBCT scans	
Assess the patient's facial esthetics	
Assess the patient's temporomandibular joints and parafunctional habits	
Obtain and assess the patient's clinical and medical laboratory tests	
DEVELOPING AND PRESENTING A PATIENT TREATMENT PLAN	**18%**
Select the most appropriate treatment	
Educate the patient on the limitations of the proposed implant therapy	
Integrate the patient's medical and dental history findings into the proposed treatment plan	
Evaluate all pertinent treatment options with the patient	
Modify treatment plan based on biomechanics	
Assess and manage peri-operative pharmacological parameters	
Plan and Present the sequence (staging) of the proposed treatment plan to the patient	
Modify treatment plan based on esthetics	
Coordinate the phases of the patient's proposed treatment plan with dental and non-dental healthcare providers	
IMPLEMENTING PATIENT TREATMENT	**44%**
Use an aseptic field during surgery	
Perform a framework try-in	
Make and evaluate a final impression for 4 or more implants	
Design and fabricate a full arch prosthesis	
Design, manage, and suture various flaps	
Monitor and assess the patient's peri-operative vital signs	
Implement a surgical and prosthetic contingency plan	
Make and evaluate a final impression for 3 or less implants	
Manage the patient's anxiolytic state peri-operatively	

Maintenance and augmentation of the patient's ridge	
Customize peri-operative protocols (hygiene, diet, medications, habit control, temporization, nightguard, occlusal control, etc.)	
Design, fabricate, and place a screw retained fixed prosthesis	
Utilize digital technology for treatment (CBCT, printed models, printed surgical guides, impressions, restorations, etc.)	
Perform a one or two stage implant surgery	
Assess primary and secondary implant stability	
Design and fabricate a single tooth transitional prosthesis for soft tissue contour	
Perform soft tissue grafting procedures	
Evaluate different radiographic modalities throughout treatment	
Design, fabricate, and place a removable overdenture	
Design, fabricate, and place a cement retained fixed prosthesis	
Use guided tissue regenerative procedures	
Manage the patient's soft tissue	
Perform pre-prosthetic surgery, including hard and soft tissue	
Augment the patient's sinus	
Evaluate the degree of healing and patient compliance	
Place implants in a healed ridge for a full arch with or without immediate functional load	
Perform immediate implant placement for a full arch with or without immediate functional load	
Perform immediate implant placement for a single tooth with or without a provisional	
Design and fabricate surgical guides	
Place short implants (<7mm)	
MAINTAINING THE EFFECTIVENESS OF THE DENTAL IMPLANT TREATMENT	**8%**
Assess comfort, occlusion, function, and esthetics	
Perform periodic radiographic evaluation	
Evaluate the patient's implant treatment outcome periodically and refine as needed	
Customize maintenance protocols	
Evaluate the significance of changes in the patient's physical and psychological health	
Identify and address changes in the patient's temporomandibular status and parafunctional habits	
Identify changes in the patient's lifestyle (social habits, vocational, employment, marital, and/or financial)	
PREVENTION AND MANAGEMENT OF COMPLICATIONS	**15%**
Prevent and manage medical emergencies	
Prevent and manage post-operative surgical complications	
Prevent and manage intra-operative surgical complications	
Prevent and manage prosthetic complications	

Prevent and manage esthetic complications	
Prevent and manage neurosensory disturbances	
Identify and manage peri-implantitis	
Treat a failing implant	
Treat an ailing implant	
TOTAL	100%

Part II Examination Information

The Part II Oral Examination consists of a series of case stations comprised of standardized cases provided by the ABOI/ID and a candidate case station where the candidate will be examined on two of the eight cases submitted.

The process calls for candidates to propose a diagnosis and a treatment plan and then apply in-depth clinical knowledge and judgment to cases. Candidates will be given the opportunity to respond. Their answers (and any discussion) must reflect an in-depth level of knowledge in implant dentistry and exemplify that they possess the knowledge, skills, and abilities at the level of proficiency.

There will be two examiners at each station who will pose questions to the candidate and discuss aspects of each case which will include the following categories:

- Comprehensive medical and dental history evaluation
- Diagnosis
- Medical management
- Treatment planning
- Implant surgery
- Postoperative care
- Prosthetic restoration
- Maintenance
- Revision treatment planning

Part II Case Submission & Guidelines Information

Candidates are required to provide eight individual cases as part of the application process. During the exam, the candidate cases must be provided to the ABOI/ID in electronic format using the template formats that can be found on the ABOI/ID website at www.aboi.org and in your portal once the application cycle opens. Part of your grade is completeness of your cases. It is important to submit them with clear diagnostic photographs and radiographs.

Each case should have the following information:

- Candidate number
- Case number
- Patient's initials

Complete the template in its entirety for each case

- Do not leave any section blank
- If you do not have the information or it does not apply, provide rationale

Required Radiographs-**Remember to de-identify your radiographs**

- Pre-Op(s)
- Post-Surgical(s)
- Post-Prosthetic(s)
- Image with the final restoration(s) in function for a minimum of one (1) year
- CT scans are admissible

Photographs-**Remember to de-identify your photos**

- Required photos: Pre-Operative and Post-Operative
- Occlusal view of maxillary arch
    - Occlusal view of mandibular arch
    - Frontal view in maximum intercuspation position (MIP)
    - Left side in MIP
    - Right side in MIP
- For cases that involve an implant supported / retained removable prosthesis:
    - Occlusal views of all implant attachment mechanisms (intra-oral)
    - Views of tissue surface areas of the removable prostheses

Candidate Case Guidelines

Candidates for the ABOI/ID Diplomate examination must submit eight (8) case reports for the Part II oral examination. The candidate must have provided either all or most of the professional judgment and treatment. Each case must be on a different patient and must be restored and functional (final prosthesis) for a minimum of one year ***at the time of case submission.***

When you are selecting cases to submit with your application, please keep in mind the following guidelines:

- Derive from eight (8) separate patients. Applicants may not use a patient for more than one case.
- The implant must have been fully restored <u>for a period of at least one year</u> at the time of application
- You have provided either all or most of the professional judgment and treatment.

- The case has not been made available to any other applicant for listing or use in the ABOI/ID Diplomate application or examination.
- You will be asked to develop narratives for your cases, the Board asks that they are clear and concise with little extraneous information.
- Do not include your name, practice name and address on any documentation provided.
- Patient names should *not* be shown on any of the documentation provided.
- ALL radiographs and photographs must be clearly dated and labeled what they are

- If a CT scan has been submitted for a case, a panoramic view and representative slices of the scan may be submitted. CT scans are not required.

Candidate Case Requirements

1. Edentulous mandible or maxilla with a full arch removable implant overdenture, utilizing two (2) or more implants.
2. Edentulous posterior maxilla with pneumatized maxillary sinus requiring at least 5 mm of vertical sinus augmentation using a lateral wall approach two (2) or more implants and its restoration.
3. Anterior maxilla with one or more root form implants and restoration.
4. Any extraction with immediate implant placement or extraction with ridge preservation and delayed implant placement restoration.
5. Edentulous mandible or maxilla with four (4) or more root form implants supporting a fixed complete implant prosthesis.
6. An edentulous posterior mandible or maxillary quadrant with two (2) or more root form implants and its restoration.
7. Edentulous areas with more than two (2) teeth missing and a deficient ridge requiring vertical or horizontal augmentation and the delayed placement of two (2) or more root form implants and its restoration.
8. Edentulous area with one (1) or more teeth missing and a deficient ridge requiring vertical or horizontal augmentation and the placement of one (1) or more root form implants and its restoration.

Patient Information for Case Submission

The following patient information is required to be included with your case submission:

Modality
Date of surgery
Pre-Implant grafting
Insertion date of prosthesis
Number of implants
Type of implant restoration
Opposing dentition

Current Status
Patient medical history
Dental history
Social history
Treatment planning
Implant surgery details to include operative report
Postoperative care
Maintenance
Prosthetic restoration
Radiographs

It is the candidate's responsibility to submit cases that are complete and accurate. Should a candidate choose to submit a case that is incomplete, their score on the oral examination will reflect accordingly.

According to the applicant's awareness, cases have not been previously used or are not going to be used by any other applicant or candidate for the ABOI/ID certification application or examination**. The submitted cases become the property of the American Board of Oral Implantology/ Implant Dentistry and will not be returned.**

Cases should be submitted through your ABOI/ID account no later than December 1st, the year you plan on taking the Part II Oral Examination.

The Board recommends that in preparation for the examinations, candidates participate in the ABOI/ID Board Review Course, study current literature and textbooks in the field of implant dentistry.

Successful candidates are awarded an eight-year time-limited Diplomate certificate.