



INDIAN BOARD OF ORTHODONTICS

INFORMATION FOR CANDIDATES

Preface

The Indian Board of Orthodontics was conceived and its establishment was formally proposed at the 24th Annual General Meeting of the Indian Orthodontic Society at Trivandrum in 1989 wherein the proposal was unanimously accepted. This was a pioneering move in Indian Dentistry and is the first Specialty Board to be so constituted.

AIMS & OBJECTS

Name: This Board shall be entitled “ The Indian Board of Orthodontics”.

Purpose: The Indian Orthodontic Society endeavors to foster excellence amongst its members thereby enhancing the quality of orthodontic care rendered to the public at large. To this end the Indian Board of Orthodontics has been set up.

Objectives: To achieve this purpose, the Board intends to stimulate the spirit of self-improvement amongst teachers, practitioners and students of Orthodontics. The Board encourages continued professional review, elevation of standards of education and treatment in orthodontics throughout ones professional career. Board Certification is intended as a bench mark of the level of professional attainment.

Certification: The Board is established on the premise that it shall examine applicants and if they are found proficient shall issue a Certificate of Excellence to those who meet the standards established by the Board.

The process of Board Certification requires of the Orthodontic practitioner an intensive review of one’s orthodontic training, to be tempered with experience garnered from years of clinical practice. It provides an opportunity for an assessment of his/her clinical expertise. The educational experience gained thereby facilitates the orthodontist to deliver the highest level of orthodontic care.

To quote Albert Ketcham “Its certificate of fitness has no legal standing, but it is a powerful psychological factor in stimulating specialists to acquire increased knowledge and skill in their respective branches ”.

REGISTRATION, EXAMINATION, AND CERTIFICATION

All candidates applying and registering for IBO Certification will receive all information necessary to satisfy the requirements for certification

Eligibility

Ordinary / Life members of the Indian Orthodontic Society who have completed a duly recognised Master's course in the specialty of Orthodontics, which consists of a minimum of two/three academic years shall be eligible to take this certification. The preparation for Board certification with the background of one's Masters training followed by clinical experience in the practice of orthodontics and with the stimulation of peer review, would help to create the basis, for an intensive review and upgradation of one's knowledge and clinical skills ultimately elevating the standard of delivered orthodontic care.

Nomenclature and Procedure of Board Certification.

Educationally qualified candidates will proceed in an orderly fashion through the various phases leading to certification. They must indicate by letter, documentation and payment of fees their willingness to participate and successfully complete each phase leading to certification.

A: Board Applicant (Phase I)

A candidate shall be designated “ Board Applicant” , on receiving Board registration on submission of the application for Board certification

The application for Board certification may be submitted by any candidate who is a Life / Ordinary member of IOS, who has completed a two/three year Masters program in Orthodontics duly recognized by the Dental Council of India and has completed five calendar years of clinical practice from the date of award of the Post Graduate Degree. The application shall be submitted on or before the dates specified by the Board. Ordinary/Life members of the I.O.S possessing an Orthodontic qualification from abroad, recognised as equivalent to the MDS orthodontics degree of any Indian University are also eligible to apply for Board certification subject to, having completed five years after receiving their Orthodontic qualification

Student members of IOS, enrolled in a Masters program in Orthodontics in the Union of India at any recognized institution, may apply to take the written examination (Phase II) on completion of 24 months of their course. They shall get the application duly signed by the Head of the Department of Orthodontics where they receive training as proof of compliance to the above requirement.

B: Board Eligible (Phase II)

A candidate who has successfully completed the written examination of the Board shall be designated “Board Eligible”. Phase II consists of a written examination in basic sciences, applied biomedical sciences, orthodontic theory and practice.

All candidates who have passed their M.D.S examination after 31st July 1998 shall be required to pass the Phase II written examination to become Board-Eligible.

Those candidates who have passed their M.D.S examination on or before 31st July 1998 shall not be required to take the Phase II written examination to be Board eligible as per current rules.

All Board applicants must complete Phase II within five years of their Board Applicant status ie; from the date of registration by the Board. In the event they do not sit Part II or do not pass Part II within five years of their Board applicant status they have to reregister themselves.

C: Board Certified (Phase III)

On successful completion of the case presentation and oral examination the candidate shall become a “Diplomate of the Indian Board of Orthodontics” and shall be designated “ Board Certified ”.

A candidate who is Board Eligible may not take the Phase III examination within five years after receiving his/her Post Graduate degree, and not later than ten years after being a Board Eligible candidate. In the event the Phase III is not completed within a period of ten years he/she has to reappear for Phase II (written examination) and then take the Phase III Examination. Only one such attempt will be permitted.

THE TITLE

The Indian Board of Orthodontics permits the Diplomate's discriminative and professional use of the designations "Diplomate, of The Indian Board of Orthodontics" and/or "Certified by The Indian Board of Orthodontics" on stationery, business cards, patient literature, indoor signs, directories, and announcements. In all references to board certification, Board policy requires diplomates to adhere to the Code of Ethics and Standards of Professional Conduct adopted by the Indian Orthodontic Society, as well as laws and rules regulating public announcements and advertising.

THE CERTIFICATE

The certificate issued by the Board is not a professional or academic degree. It is a certificate of attainment and does not confer any legal qualification, privilege, or license to practice orthodontics.

Certification by the Board is based on the highest standards of knowledge and therapeutic skill, and all diplomates are expected to maintain and enhance such standards. It is incumbent upon every diplomate to abide by the Code of Ethics of the Indian Dental Association which states that dentists should not claim or imply superiority, and that diplomates avoid any action which would in any way exploit certification for financial gain.

A certificate is granted to each successful candidate. Titles to all certificates are retained by The Indian Board of Orthodontics. Certificates must be surrendered on demand if the Board, in its sole judgment, considers such action to be in the best interest of the public and of the profession.

The Application

The candidate should verify that the following are enclosed as required.

1. 3 Passport size photographs for Primary Examination/ 4 Passport size Photographs for Final Examination.
2. Acknowledgement card duly stamped.
3. Hall Ticket.
4. Application Form
5. Certificate from Principal for Students
6. Demand Draft for appropriate amount.
7. Self – Addressed, Stamped Envelope

The Examination

Syllabus for Primary Examination (Board Eligible)

1. Applied Anatomy of the Face, Head & Neck relevant to Orthodontics.
2. Histology of bones, teeth, periodontium and oro-facial tissues
3. Growth and development of the face jaws, teeth, supporting structures, TMJ and dentofacial anomalies
4. Physical Anthropology: Evolution of cranium, jaws, teeth, study of anthropometrics in relation to orthodontics
5. Applied Physiology: Physiology of orofacial investing tissues arch forms and occlusion, physiology of mastication, deglutition, speech and respiration
6. Nutrition and Endocrines: study of nutritional factors, vitamins, carbohydrates, lipids, proteins, minerals and micronutrients and their individual dental implications. Endocrine systems that affect normal and abnormal development of the jaws and teeth
7. Applied Pathology: Developmental anomalies affecting tooth form and number Diseases of teeth and jaws, heredity and anomalies of the jaws. Effects of endocrine and nutritional deficiencies affecting the development of TMJ, teeth and jaws.
8. Applied Dental Materials: Application of dental cements, stainless steel, impression materials, Gypsum products, acrylic resins orthodontic wires, elastics, springs, accessories and other materials used in Orthodontics. Soldering and welding, recent developments in bonding, enamel etching and related research
9. Applied Radiology: Dental radiology including cephalometrics, orthopantomography, Computerised cephalometrics and imaging
10. Child psychology from birth to adolescence and their applications in clinical orthodontics
11. Epidemiology of malocclusion, incidence and classification. Etiology of malocclusion, effect of environmental factors and their evaluation
12. Genetics - heredity with special reference to dental and other facial anomalies
13. Study of biostatistics as applied to dentistry, orthodontics and research
14. Principles of cross infection and sterilisation
15. Cephalometric norms and racial variations
16. Bio-mechanical principles of tooth movement histology and bio-chemical changes
17. Principles of Occlusion
18. Temporomandibular Disorders
19. Cardiopulmonary Resuscitation

Case Requirements for Phase III (Board Certification):

1. The Candidate should present the records of a total of 5 cases of malocclusion that he/she has personally treated as under:

Category I: Selected skeletal and or dental Class I with crowding of the arches, arch length-tooth material discrepancy not less than 5.mm

Category II: Selected skeletal and or dental Class II malocclusion with ANB angle greater than 5 degrees.

Category III: Selected transverse discrepancy –complete unilateral or bilateral posterior cross bite, or vertical discrepancy with FMA angle greater than 35 degrees or less than 20 degrees.

Categories IV & V: Selected cases (Two) with any other deformity of the candidate's choice.

Note: At least one of the above five cases should be a four premolar extraction case.

2. The candidate should certify that he/she has personally treated all the 5 cases and shall submit an affidavit to that effect
3. For each of the 5 cases, the following Pretreatment and Post-treatment records should be submitted for examination:
 - i. Study models.
 - ii. Intra-oral (5) and Extra-oral photographs of face(3 views)
 - iii. Lateral cephalograms.
 - iv. Orthopantomogram or full mouth Intra-oral x-rays.
 - v. Other records as deemed appropriate for the specific case.

Criteria for Selection of Case Reports

The Candidate's Case Report Examination is a comprehensive evaluation of case reports of patients that have been treated by the candidate. The categories of the malocclusions presented must comply with the Case Report Category Specifications as required by the Board and stated herein. The candidate must have made the diagnosis, formulated a treatment plan, constructed the appliance, monitored the progress and regular appliance adjustment, and completed treatment.

The patient treatment records included in the Case Record Evaluation should be representative of the most challenging patient care rendered in the candidate's practice and must demonstrate the candidate's diagnostic ability, treatment skills, and clinical judgment, as well as reflect excellence in finishing.

For each patient whose records are displayed, the candidate must have provided all of the professional judgment and treatment. **Case reports of patients treated by the candidate during the candidate's tenure as a student in an advanced education program in orthodontics cannot be used to satisfy the Phase III**

clinical examination requirements. Candidates with full-time academic appointments may use case reports they have treated in their department. These case reports must be accompanied by an affidavit from the Head of the Department verifying that the candidate initiated and completed the actual treatment of the patient. Actual treatment means that the candidate did the diagnosis and treatment planning, constructed the appliance, completed regular appliance adjustment, monitored treatment progress, and completed treatment.

Evaluation of the orthodontic treatment results presented in the Case Report Evaluation will be based on the attainment of the following orthodontic treatment objectives:

1. Treatment complementing facial growth,
2. Facial harmony - balance and harmony of the soft tissue and proper proportion of facial structures,
3. Maximum esthetics of the teeth and face,
4. Dental health - maximum health of the teeth, the supporting tissues and the adjacent structures,
5. Optimal function, free of interference's and trauma,
6. Excellent occlusion,
7. Favorable intercuspation of the teeth,
8. Alignment of permanent second molars,
9. Favorable overjet and overbite relationship,
10. Favorable correction of rotations of all teeth,
11. Favorable axial inclination of all teeth,
12. Complete space closure,
13. Coordinated ideal archform with all the teeth aligned within their supporting structures,
14. Good vertical control,
15. Good stability.

STANDARD OF CONDUCT BY DIPLOMATES OF IBO

1. The Code of Professional Conduct and Ethics of The Indian Board of orthodontics for candidate certification is a set of expectations and guidelines that supplement those of the Indian Dental Association and the Indian Orthodontic Society.
2. These guidelines are designed to insure that, as a health professional, each individual shares the responsibility for maintaining the highest ethical standards during all phases of the certification process. The final responsibility for adherence to this code ultimately rests with each individual during the testing process. Therefore, each person must:
 - a. Maintain the highest standards of academic and professional honesty and integrity.
 - b. Know and comply with the rules, regulations, and ethical standards of The Indian Board of Orthodontics according to the precepts of the Indian Dental Association and the Indian Orthodontic Society.

Unethical behavior, misconduct and dishonesty

- A. The Code of Professional Conduct and Ethics of The Indian Board of Orthodontics for candidate Board certification does not contain a complete and specific list of rules to cover every situation as to what constitutes unethical behavior, misconduct and dishonesty. The following are examples of conduct deemed unethical by the Board:
 1. Altering one's work to reflect results other than what is actual.
 2. Falsifying applications, qualifications, case reports and/or supplying information or data known by the candidate to be misleading or false.
 3. Presenting the work of another as one's own without identification (plagiarism).
 4. Cheating and/or completing assignments or exercises in a manner contrary to that which represents the candidates own knowledge and work according to the rules established by The Indian Board of Orthodontics.
 5. Deceptive advertising.

Enforcement of the code of professional conduct and ethics of IBO

- A. The Board may discipline any candidate for cause.
 1. Violation of the Board's bylaws, standing rules, policy guidelines and/or the professional ethics codes.
 2. Unprofessional behavior.

PLEDGE OF IBO

The pledge of IBO shall be taken by all new Diplomates in the Diplomat Certificate presentation ceremony .

THE INDIAN BOARD OF ORTHODONTICS

PLEDGE BY NEW DIPLOMATES OF IBO

I Dr....., hereby and hereon pledge myself to maintain the highest possible standards in the practice of Orthodontics and Dentistry enjoined on me by the Indian Board of Orthodontics. I promise that I shall ever strive for excellence in the delivery of Orthodontic services. I shall ever be a student of Orthodontics realising fully well that Continuing Education is the only avenue whereby one may keep abreast of contemporary standards of orthodontic care and thinking.

I shall not use my status as a Diplomat of the IBO in any manner contrary to the interests of the Specialty, my patients or for self aggrandisement. I understand and hereby agree that the title to the “Indian Board of Orthodontics” shall remain with the IBO who shall have the sole right in its judgment to withdraw the Diplomat status for any transgression of accepted standards of professional conduct bringing IBO into disrepute upon which I shall surrender my certificate to the Board.

May God help me in this noble endeavor.

Signature

Signed this day of / / 200--