

THE FACULTIES OF DENTAL SURGERY OF  
THE ROYAL COLLEGE OF SURGEONS OF ENGLAND  
THE ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF GLASGOW

Regulations for the Specialty Diploma of Membership in Restorative Dentistry  
(MRD)  
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## **INTRODUCTION**

This booklet contains the Regulations relating to the Speciality Diploma of Membership in Restorative Dentistry of the Faculties of Dental Surgery of the Royal College of Surgeons of England and the Royal College of Physicians and Surgeons of Glasgow.

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35-34 Lincoln's Inn Fields  
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Royal College of Physicians and Surgeons of Glasgow  
232-242 St Vincent Street  
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## **GENERAL REGULATIONS**

1. The Diploma of Membership in Restorative Dentistry may be granted to those who possess a dental qualification which can be registered in the Dentists' Register and to graduates or diplomates in Dental Surgery of those universities and other licensing bodies recognised for the purpose (i.e. those that admit candidates to Temporary Registration in the UK) who comply with the Regulations.
  
2. The requirements for entry to recognised specialty training are:
  - a. (at least) two years general professional training,
  - b. MFDS or equivalent,
  - c. A Training Number allocated by the Regional Postgraduate Dental Dean/Director.
  
3. Entry to the MRD Examination is also dependent on evidence of satisfactory completion of three years full time (or part time equivalent) recognised speciality training.
  
4. If a candidate wishes to use the MRD (Specialty) Diploma as evidence of satisfactory completion of training in submitting an application to the General Dental Council for the award of a Certificate of Completion of Training (CCT), he or she must have satisfied the requirements for entry to recognised specialty training and have been issued with a National Training Number (NTN).
  
5. The dates of the examination and the fees payable for admission to the examination are set out in the examination calendars, which are published annually by the College.
  
6. Applications must be addressed to the Examinations Officer of the College of entry and must be accompanied by certificates showing the date and place of obtaining a dental qualification and particulars of subsequent experience.
  
7. Every candidate shall give notice of his/her intention to present him/herself for examination no later than the closing date as indicated on the examination calendar.
  
8. Applications for admission to an examination must be accompanied by the required certificates and the full amount of the fee payable for the examination.

9. Candidates withdrawing from an examination must do so in writing. The entrance fee will be returned less a 20% administrative charge. Candidates who withdraw from the examination after the closing date or who fail to attend the examination for which he/she has been accepted will not normally be entitled to any refund of fee. A refund on medical grounds, even if there is a medical certificate, is not normally allowed. Applications for consideration on medical or compassionate grounds must be supported by the Consultant or Dean responsible for training and must be submitted to the College with any accompanying evidence within 28 days of commencement of the examination.
  
10. The Colleges may refuse to admit to examination or to proceed with the examination of any candidate who infringes any of the regulations or who is considered by the examiners to be guilty of behaviour prejudicial to the proper management and conduct of the examination.
  
11. Candidates who are unsuccessful at their first attempt at the examination may have a maximum of two further attempts.  
If both written examinations (Specialist and General) are passed together at one attempt, these can be carried forward to one more attempt at the examination.  
If both case presentations (Specialist and General) are passed together at one attempt, these can be carried forward to one more attempt at the examination.  
Successful completion of the simulated clinical oral examination cannot be carried forward to subsequent attempts at the examination.  
Any candidates re-sitting the examination will need to pay the full fee, regardless of which parts of the exam they are sitting.
  
12. Candidates who desire to make representations with regard to the conduct of their examination must address them to the Examinations Officer of the College of entry within 3 months of the examination and not in any circumstances to an examiner. Representations will then be dealt with according to the policy agreed by that College.
  
13. The Specialty Diploma of Membership in Restorative Dentistry of the Faculties of Dental Surgery of the Royal College of Surgeons of England and the Royal College of Physicians and Surgeons of Glasgow can be registered in the British Dentists Register as an additional qualification, provided that the name of the holder already appears in that Register. Details regarding the registration of the Diploma may be obtained from the Register of the General Dental Council, 37 Wimpole Street, London, W1M 8DQ.

## **PROFESSIONAL TRAINING REQUIREMENTS**

14. The Joint Committee for Postgraduate Training in Dentistry (JCPTD) on the advice of the Specialist Advisory Committee (SAC) in Restorative Dentistry will be responsible for the recognition and approval of training programmes and Bodies seeking approval should apply to the SAC.
  
15. Posts or courses will not normally be approved if they are less than half time. The training period should preferably be continuous but in some cases breaks in training may be permitted. The total specialist training period must not exceed 6 years.
  
16. Specialist experience in practice will be eligible for acceptance for part of the three year period. Such training in specialist practice must be approved by the SAC and be with a named supervisor who is on the relevant specialist list.
  
17. Candidates who consider their experience is equivalent to the training set out above, but who do not comply exactly with these rules may apply for special consideration by submitting full details to the SAC in the first instance.

## THE EXAMINATION

18. The MRD Specialist Diploma examination will test the candidate's understanding of diagnosis and treatment planning over a wide range of problems in Restorative Dentistry together with his/her expertise in carrying out restorative treatment. The candidate must elect to be examined in one of the following disciplines within Restorative Dentistry:

Endodontics  
Periodontics  
Prosthodontics

Candidates will be asked to state which of these three aspects of Restorative Dentistry is to be their "nominated subject" when applying to sit the examination.

19. The examination consists of the following components:

- a. A three hour written paper with three compulsory questions in the speciality of the candidate's choice
- b. A three hour written paper with three compulsory questions to be answered in general Restorative Dentistry.
- c. A 20 minute oral examination based on a 20 minute examination of the clinical records of a patient with a range of general restorative dental problems to cover assessment, diagnosis, treatment planning and prognosis.
- d. A similar 20 minute oral examination based on a 20 minute examination of the clinical records of a patient in the candidate's chosen speciality.
- e. A 30 minute presentation and oral examination of the case records of two patients that received general restorative treatment treated personally by the candidate.
- f. A 30 minute presentation and oral examination of case records of two patients that received treatment personally by the candidate in their chosen speciality.

Electronic copies of the case records must be saved on a memory stick and handed to Examinations Staff at the college at least 4 weeks before the date of the examination. The records may contain such clinical record material as the candidate considers relevant, including charts, photographic prints, radiographs, etc., together with a commentary of not more than 1000 words per case. Captions accompanying charts, photographic prints and radiographs need not be included in the 1,000 word count as long as captions do not exceed one line each. References contained within a bibliography are also not included in the 1,000 word count. A computer generated word count should be provided. 35 mm slides will not be accepted.

Clinical Case histories should be accompanied by a signed statement from the accredited supervisors, where appropriate, confirming the candidates involvement in the treatment of the selected cases. This statement should be separately addressed to the Examinations Officer in a sealed envelope.

Candidates are also required to bring 2 copies of their cases with them on the first day of their examination period. If candidates are exempt from exams taking part

Memory sticks will be available for collection following the adjudication and candidates should note that this is their personal responsibility. The front sheets should indicate whether the cases are general or speciality cases.

## **SYLLABUS**

The General Restorative Dentistry element of the examination will test the candidates broad based understanding of the theory and practise of Restorative Dentistry set in the context of total patient care. The relevant basic and clinical science will be included. The specialist element of the examination will follow from this broad base.

No syllabus can be comprehensive and the lists which follow are not intended to be prescriptive or exhaustive. Candidates are expected to be aware of recent developments in their specialist field.

The level of understanding of the following subjects should be appropriate to a three year specialist training programme.

### **ENDODONTICS**

- Anatomy, physiology, and pathology of the masticatory system and related structures, including teeth and periodontium.
- Microbiology of dental plaque, caries and periodontal disease
- Cell biology
- Comprehensive diagnosis and treatment planning
- Prevention of dental disease
- Sedation, local and general anaesthesia
- Radiology and imaging
- Pharmacology and therapeutics
- Epidemiology
- Management of medically/clinically compromised patients
- Communication, interpersonal skills and team leadership
- Aspects of behavioural science
- Properties of biomaterials and dental materials
- Diagnosis and management of pulpal periapical disease
- Diagnosis and management of orofacial pain, psychogenic pain and TMD
- Diagnosis and management of dento-alveolar infections and sequelae
- Tooth preparation, isolation, access and instrumentation
- Preparation, disinfection and obturation of root canal system
- Surgical endodontics
- Management of traumatic injuries to teeth
- Practice management
- Endodontics in children (primary teeth and immature permanent teeth)
- Assessment and management of teeth which have previously undergone endodontic treatment
- Evaluation of the success of treatment
- Review and maintenance procedures
- Periodontics and Prosthodontics in relation to Endodontics
- The periodontal/ endodontic interface
- The orthodontic/ endodontic interface



- Theory and clinical practice of implants
- Research methodology and statistics
- Treatment of discoloured teeth
- Restorative considerations and endodontics
- Cross infection and sterilisation

## **PERIODONTICS**

- Anatomy, physiology and pathology of the masticatory system, pulp and periodontium
- Endodontics and Prosthodontics in relation to Periodontics
- Microbiology of dental plaque
- Comprehensive diagnosis and treatment planning
- Prevention of dental diseases
- Clinical features and diagnosis of periodontal diseases
- Pathogenesis of periodontal diseases
- Manifestations of systemic disorders
- Periodontal therapy (initial, occlusal, orthodontic and surgical to include gingivectomy, modified Widman, apically repositioned flap, root resection and hemisection, mucogingival surgery and regenerative surgery)
- Adjunctive therapies
- Properties of biomaterials and dental materials
- Radiology
- Pharmacology
- Epidemiology and Dental Public Health: to include biostatistics
- Management of medically/clinically compromised patients
- Antimicrobial therapy of periodontal diseases
- Management of furcation problems
- Theory and clinical practice of implants
- Research methodology and statistics
- Communication, interpersonal skills and team leadership
- Cell biology in relation to periodontal diseases
- Techniques of case documentation

## **PROSTHODONTICS**

- Anatomy, physiology and pathology of the masticatory system, pulp and periodontium
- Endodontics and Periodontics in relation to Prosthodontics
- Comprehensive diagnosis and treatment planning
- Management of pain/emergency dental treatment
- Prevention of dental diseases
- Complete dentures (including copy dentures, overdentures and immediate dentures)
- Removable partial dentures
- Maxillofacial prosthodontics
- Combination of fixed and removable prostheses
- Fixed prostheses conforming to, existing and reorganisation occlusion
- Implant supported prostheses (both fixed and removable)
- Identification and management of denture and crown & bridge problems

- The conservation of teeth, including indications, principles and techniques for intracoronaral and extracoronaral restorations and including adhesive techniques and materials
- Theory and practice of occlusion including the uses and a working knowledge of articulators
- Diagnosis and management of T.M.D.
- Management of medically/clinically compromised patients and the elderly
- A good working knowledge of the interface between prosthodontics/ surgical dentistry/ orthodontics
- Surgical aspects of prosthodontic treatment, for example, pre-prosthetic surgery, ridge augmentation, apicectomy
- Experience of relevant laboratory techniques, including diagnostic laboratory work and technical aspects of fixed and removable prostheses
- Biomaterials and dental materials
- Imaging
- Pharmacology
- Epidemiology
- Communication, psychology, interpersonal skills and team leadership
- Research methodology and statistics
- Evaluation of treatment outcomes

## **THE ROYAL COLLEGE OF SURGEONS OF ENGLAND**

The candidate, after having passed all parts of the examination for the Specialist Diploma of Membership of the Faculty of Dental Surgery shall be given a Notice subscribing his/her name to the by-law and the required declaration; that it rests with the Board of Faculty to confer upon them the Specialty Diploma of Membership; and that until the granting or such a Diploma by the board, they are not in any circumstances, entitled to make use of the letters MRD after their name; to exercise any other rights conferred by the membership; or be admitted as visitors to the examination.

The successful candidate's name will be added to a list referred to the General Dental Council for registration of the candidate's diploma as an additional qualification which can be registered.

Upon confirmation by the Board of Faculty the successful candidate shall then receive a Diploma bearing the Seal of the College and the Diploma shall state that such Member has been successful in the examination.

Every Member shall pay each year such annual subscription as may be determined from time to time by the Board of Faculty with the concurrence of the College Council.

## **THE ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF GLASGOW**

1. The results of the examination of candidates for the Specialty Diploma of Membership in Restorative Dentistry shall be considered by a Board of Examiners appointed by the council who shall report thereon to the Council.
2. Thereafter the Council shall report the names of those successful candidates to the next meeting of the College. Election shall be by ballot of the College and two-thirds of the votes must be cast in favour. Successful candidates shall pay such election fee as the College shall from time to time determine. Following election as a Member in Restorative Dentistry, the successful candidate will be admitted at a subsequent meeting of the College. Each member shall pay each year such annual subscription as may be determined from time to time by the College.
3. The names of successful candidates will be added to a list referred to the General Dental Council for Registration of the candidate's diploma as an additional qualification which can be registered (subject to approval by the General Dental Council).