THE FACULTY OF DENTISTRY OF
THE ROYAL COLLEGE OF SURGEONS IN IRELAND

Regulations for the Specialist Fellowship Diploma of the Faculty of Dentistry
The Royal College of Surgeons in Ireland, in Endodontics.

FFDRCSI (Endo)

June 2014
INTRODUCTION

This booklet contains the Regulations relating to the Specialist Fellowship Diploma of the Faculty of Dentistry of the Royal College of Surgeons in Ireland in Endodontics.

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GENERAL REGULATIONS

1. The Specialist Fellowship Diploma of the Faculty of Dentistry, Royal College of Surgeons in Ireland, in Endodontics - FFD RCSI (Endo) - may be granted to those who possess a dental qualification registrable in the Register of Dentists for Ireland and to graduates or diplomates in dental science of those universities and other licensing bodies recognised for the purpose (i.e. those that admit candidates to temporary registration in Ireland and U.K.) and who comply with the regulations.

2. The requirements to present for the examination in the Specialist Fellowship, FFDRCSI (Endo) are:
   a. FDS, MFD/MFDS or equivalent and should be in good standing in relation to the maintenance of the RCSI annual subscription. Candidates unable to offer these qualifications will have to show evidence of passing a written postgraduate examination in basic dental sciences.
   b. Evidence of satisfactory completion of three years full-time (or part-time equivalent not normally exceeding six years) recognised specialty training in Endodontics in an institution recognised by the Faculty. Training would normally be expected to be undertaken within one approved programme. Candidates are required to submit certified, documented evidence of their training including their training number if applicable. It is anticipated that this examination would normally be taken close to the date of completion of training.

3. 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 and are available on the Faculty of Dentistry website (http://dentistry.rcsi.ie). The examination is conducted in the English language.

4. For FFD exam eligibility queries, we would advise you to do the following:
   • Email your current CV
   • Send a formal copy of your qualifications to date and letters confirming any training you have undertaken to the Faculty office at facdentistry@rcsi.ie
• You will also need to send the Faculty a note from your Consultant confirming your clinical competence.

N.B. Prior approval must be received from the Faculty office before sitting an FFD examination.

If you are considered eligible to sit an FFD examination, you must log on to the Postgraduate Examinations System to formally apply for the examination. However, you cannot formally apply online for an FFD examination without prior approval from the Faculty office.

Prior to formally applying for the FFD examination, please ensure that you carefully read the following information that can be found on our Faculty website (http://dentistry.rcsi.ie)

- Exam regulations
- Exam Rules of Conduct

Due to the large number of candidates applying to take these examinations, it is essential that the following points are read and adhered to:

1. If the Faculty considers that you are eligible to sit an FFD examination, you must log on to the Postgraduate Examinations system to formally apply for your chosen examination.

2. The full fee must then be paid online by credit card.

3. You will be asked to scan and upload a passport photograph.

4. You will be asked to scan your official letter of prior approval from the Faculty office.

5. This formal online application must be received by the SARA Department (Student Academic and Regulatory Affairs) on or before the closing date of the examination.

6. Once your online application has been processed you will receive official confirmation, along with your examination number.

7. The SARA Department will be in contact with you prior to the examination regarding further details of venues, timetables, etc.

You are welcome to make enquiries by telephone or email us with regard to any examination applications you are making to this Faculty.

Email: ffdexam@rcsi.ie, Phone: +353 (0)1 402 2239 / 2256.

5. 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 they have been accepted will not normally be entitled to any refund of fee. Refusal of the employing authority to allow leave to attend the examination will not be accepted as qualifying for any refund after the closing date. 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.

6. The College or Board of the Faculty reserves absolute discretion to refuse to admit to the examination, proceed with the examination of, any candidate who (a) infringes any of the Regulations or (b) who is considered by the Examiners to be acting in a manner prejudicial to the proper management and conduct of the examination or (c) whose conduct has rendered them in the College’s or Board’s opinion, unsuitable for conferral with the Diploma of Fellow of the Faculty of Dentistry of the Royal College of Surgeons in Ireland (See Appendix 1).

7. Candidates who desire to make representations with regard to the conduct of the examination must address them to the Examinations Office of the Royal College of Surgeons in Ireland within one month of the examination and not in any circumstances to an examiner. Representations will then be dealt with in accordance with College policy.

8. The Specialist Fellowship Diploma in Endodontics is registrable in the Register of Dentists for Ireland 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 Registrar, Dental Council, 57 Merrion Square, Dublin 2, Ireland.

9. Candidates who consider that 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 in writing at least three months before the closing date of the examination to the Chairman of the Education Committee, Faculty of Dentistry, Royal College of Surgeons in Ireland. A final decision will rest with the Board of the Faculty of Dentistry, Royal College of Surgeons in Ireland.

10. The examination will normally be held once a year in November with a further sitting in May at the discretion of the Education Committee.
THE EXAMINATION

11. The FFD RCSI (Endo) Specialist Fellowship Diploma examination will test the candidate's understanding of diagnosis and treatment planning over a wide range of problems in Restorative Dentistry including Endodontics together with his/her expertise in carrying out comprehensive endodontic treatment.

The examination consists of the following components:

a. A three hour written paper with three compulsory questions in the specialty of Endodontics.

b. A one and a half hour multiple short answer paper to be answered in General Restorative Dentistry.

c. OSCE

A 2 hour O.S.C.E. with 8 x 15 mins stations. 4 of the stations will be core stations and 4 will relate to Endodontics.

d. A 30 minute oral examination of which at least half will be related to Endodontics.

e. For Endodontics

A 30 minute presentation of the case records of patients personally treated by the candidate.

- One of the case histories should describe the examination, diagnosis, treatment planning and management of a patient who has received general restorative care of an advanced nature. (Long Case)
- The other nine cases should each describe the examination, diagnosis, treatment planning and management of a complex problem within the field of Endodontics. (Short Cases)

3 cases of molar root canal therapy
3 cases of re-treated root canal therapy
3 cases of other endodontic treatments.

(All to be accompanied by pre-operative, intra-operative, post-operative and follow-up radiographs)
The Long Case history should be typed and separately bound (not more than 1000 words per case). A robust, flat type A4 format with clear PVC pockets is recommended. Duplicate copies of each case history are required (no photocopies), one copy being submitted to the College at the time of making the application for the examination, the other being retained by the candidate for reference. Radiographs, photographs or digital prints of these (transparencies will not be accepted) and any other presentation aids should be provided where appropriate and these should be clearly described in the text. The originals should form part of the case history retained by the candidate.

The Short Cases should follow the above structure but record only the important information relevant to each case.

Study casts should be brought by the candidate on the day of the Examination and articulated as is considered appropriate. Each of the fully documented case histories and associated illustrative material (e.g. radiographs, study casts, etc.) should be identifiable using coloured adhesive labels as follows:

- Long Case History: Red
- Short Case Histories (1-9): Blue

The candidate's name or initials must not be shown on the material. Only the patient's initials, gender and date of birth should be shown. The addresses of the candidate and the patients should not be indicated. Each fully documented case history should give a brief description of the relevant history and results following clinical examination and investigations adopted. The candidate should also give his/her assessment of the diagnostic features and discuss the treatment plan advised. Emphasis should be placed on the careful and complete assessment of the patient's needs in the light of all relevant circumstances. The candidate should refer to any further investigations and/or treatment which may be required and comment on any special difficulties which necessitated a modification of the initial treatment plan. Each case history should end with an appraisal of the outcome of the treatment together with a discussion of whether the
objectives were fully achieved. The case histories should be accompanied by a signed statement from the clinician responsible for the direct supervision of the candidate, confirming the candidate's management of the submitted cases [Appendix II] in addition to a signed statement by the clinician & patient [Appendix III]. These statements should be separately addressed to the Education Committee in a sealed envelope. There should be no mention of the patients name in these records. They must not be enclosed with the clinical case histories.

In addition, prior to the examination date, candidates are required to send electronic copies of Case Histories/Log Diaries/Relevant Information etc., on a USB key to the Faculty Offices; Address: Faculty of Dentistry, 123 St. Stephen’s Green, Dublin 2, IRELAND.

The above must arrive at least 28 days prior to the examination date thus allowing the Examiners sufficient time to review all relevant documentation prior to commencement of the examination.”

The clinical case histories will be available for collection following the adjudication and candidates should note that this is their personal responsibility.

SYLLABUS

The General Restorative Dentistry element of the examination will test the candidates broad based understanding of the theory and practice of Restorative Dentistry set in the context of total patient care. The relevant basic and clinical sciences 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 and 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 the teeth
- Practice management
- Endodontics in children (primary teeth and immature permanent teeth)
- Assessment and management of teeth which have previously undergone endodontics 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
- The 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, including implant related applications)
- 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 (Non surgical and surgical) 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 reorganised occlusion
- Implant supported prostheses (both fixed and removable)
- Identification and management of denture and crown and bridge problems
- The conservation of teeth, including indications, principles and techniques for intracoronal and extracoronal 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 TMD
- Management of medically/clinically compromised patients and the elderly
- A good working knowledge of the interface between prosthodontics /oral surgery / orthodontics
- Surgical aspects of prosthodontic treatment (e.g. pre-prosthetic surgery, ridge augmentation, apicectomy and implant placement or related surgery)
- Experience of relevant laboratory techniques, including diagnostic laboratory work and technical aspects of fixed and removable prostheses
- Biomaterials and dental materials
- Diagnostic Imaging
- Pharmacology
- Epidemiology
- Communication, psychology, interpersonal skills and team leadership
- Research methodology and statistics
- Evaluation of treatment outcomes
Exam Title

Date

Examination Number

Before the Examination
- Place your ID card face-up and clearly visible on your assigned desk.
- Electronic devices are not permitted in the examination. All devices should be handed in to the College representative.
- All other personal belongings should be placed in the area designed by the College representative.
- Please do not communicate with any other candidates following entry into the examination venue. If you have any queries seek the advice of an invigilator by raising your hand.
- You may read the front cover of the examination paper.

During the Examination
- All answers to questions must be written clearly.
- If you have any queries seek the advice of an invigilator by raising your hand.
- Please do not communicate to any other candidates during the examination.

At the End of the Examination
- Make sure that your exam number is clearly marked on each answer sheet/booklet(s).
- Exam papers to be returned along with your answer sheet/booklets.
- Remain at your desk at the end of the exam until your script has been collected by the invigilator.
- As soon as your script has been collected you may leave the examination venue making sure to take your personal belongings with you.

Examples of Examination Offences
- Opening the exam paper before the exam has commenced.
- Having unauthorised items either on your person, in the vicinity of your desk or in the examination venue including the toilets.
- Communicating in any manner with other candidates in the examination venue.
- Having an electronic device on your person at any time when in the examination venue including the toilets.
- Continuing to write after the end of the exam has been announced.
- Removing any used or unused answer books, exam papers or any other examination stationary from the examination venue, even temporarily.
- Ignoring or disobeying any other instructions given by an invigilator or member of the Student, Academic and Regulatory Affairs office.
Penalties for Examination Offences

Examination offences are taken extremely seriously. Anyone either suspected of or caught committing an examination offence will be reported immediately to the Faculty and College Authorities. Further action may be taken.

The penalties for examination offences include (but are not restricted to) the following:

- Expulsion or suspension from the examination.
- Failure to be credited with any marks obtained in the examination prior to the detection of the examination offence.
- Deferral of further attempts to sit the examination.

The above applies to all parts of the examination. By signing below, I confirm that I have read and fully understand the contents of this document.

Signature: Date:
APPENDIX II

FFDRCSI (Endodontics)
PRESENTATION OF CASE HISTORIES

DECLARATION FORM

This statement should be separately addressed to the examinations secretary in a sealed envelope. It must not be enclosed with the clinical case histories.

Date of examination:
Candidate’s name:
Patient’s name:
Patient’s date of birth:

I certify that the treatment for the named patient was carried out by the Candidate

Supervisor’s name:
Supervisor’s signature:
Date:

Departmental stamp:

I confirmed that I have not plagiarised from any source.

Candidate’s name:
Candidate’s signature:
Date:
APPENDIX III

FFDRCSI (Endodontics)

Candidate & Patient Declaration

[This statement should be separately addressed to the examinations secretary in a sealed envelope. It must not be enclosed with the clinical case histories.]

Candidate’s Declaration:

Date of examination:

Patient’s name:

Patient’s date of birth:

I certify that I have personally carried out the treatment for the named patient above

Candidate’s name:

Candidate’s signature:

Patient’s Declaration:

I understand that the ............treatment documented is for use in the Fellowship Examination in ............... and I agree for this to be submitted to the Royal College of Surgeons in Ireland. I understand that my /son’s /daughter’s case history may be uploaded to a secure webpage for scrutiny by examiners but that this information will never be in the public domain. In the unlikely event that the College needs to contact me regarding any particulars of my case I agree to the College contacting me directly and confidentially at the address below:

Patient’s name:

Patient’s signature:

Postal Address:

E-mail Address: