

THE ORTHODONTIC CURRICULUM AND ADDITIONAL TRAINING PROGRAMME IN HOSPITAL ORTHODONTICS

Three-year Full-time Specialist Training Programme Content

Entry to Specialist Training

Entry to specialist training should follow a period of at least two years of general professional training and should be competitive. The MFDS or equivalent will normally be the minimum entry qualification. For the first few years after the grade commissioning dates, the FDS of one of the Royal Surgical Colleges, will also be an acceptable entry qualification to specialist training. It is anticipated that the Royal Colleges of Surgeons will phase out the FDS examination in its present form around the year 2000. Holders of the MGDS will be exempt from Parts A and B of the MFDS/MFD examination, to allow them to attempt Part C and this will be for a limited period of two years only from the first diet of the Part A examination.

Section A. Basic Orthodontic Subjects

- M1 Normal and abnormal development of the dentition
- M2 Facial growth (normal and abnormal)
- M3 Physiology and pathophysiology of the stomatognathic system
- M4 Tooth movements and facial orthopaedics
- M5 Radiology and other imaging techniques
- M6 Cephalometrics (including tracings)
- M7 Orthodontic materials
- M8 Orthodontic biomechanics

Section B. General Orthodontic Subjects

- M9 Aetiology
- M10 Diagnostic procedures
- M11 Diagnostic assessment, treatment objectives and treatment planning
- M12 Growth and treatment analysis
- M13 Long term effect of orthodontic treatment
- M14 Iatrogenic effects of orthodontic treatment
- M15 Epidemiology in orthodontics
- M16 Orthodontic literature

Section C. Orthodontic Techniques

- M17 Removable appliances
- M18 Functional appliances
- M19 Extra-oral appliances
- M20 Fixed appliances
- M21 Retention appliances

Section D. Biological Sciences Relevant to Orthodontics

- M22 Cell and molecular biology
- M23 Genetics
- M24 Craniofacial embryology
- M25 Somatic and craniofacial growth
- M26 Physiology of breathing, swallowing mastication and speech

- M27 Psychology
- M28 Research module

Section E. Multidisciplinary Orthodontics

- M29 Craniofacial Anomalies - overview
- M30 Cleft lip and palate patients - overview
- M31 Orthodontics and periodontics, prosthodontics and endodontics
- M32 Orthodontic/Oral surgical interface

Section F. Specific Treatment Procedures

- M33 Guiding the development of occlusion
- M34 Adult orthodontics - overview
- M35 Craniomandibular dysfunctions

Section G. Information Technology

- M36 Computer-based technology

Section H. Management of Oral Health

- M37 Oral health
- M38 Health education

Section I. The Practice and Business of Specialist Orthodontic Practice

- M39 Health and safety
- M40 Legislation and ethics
- M41 Surgery management
- M42 Personnel management
- M43 Finance

Section J

- M44 Self-assessment module

Completion of training

On completion of the training programme and satisfactory structured assessments throughout the programme, the trainee must pass the Membership in Orthodontics or equivalent prior to the recommendation for the award of a CCST.

Two-year Additional Training Programme in Hospital Orthodontics

During additional training the specialist registrar will acquire new knowledge and skills and also greater depth of training and experience of certain modules in the speciality training programme.

Section K. Clinical

- M45 The treatment of extreme malocclusions
- M46 Advice for referring medical and dental practitioners and prescriptive treatment planning for dental practitioners

Section L. Interdisciplinary with Hospital-based Specialities

- M47 Interdisciplinary planning and treatment
- M48 Malocclusion and medical problems
- M49 Interface with oral and maxillofacial surgery
- M50 Interface with restorative dentistry including implantology
- M51 Interface with paediatric dentistry
- M52 Adult orthodontics

Section M. Multidisciplinary with Hospital-based Medical and Surgical Specialities

- M53 The role of the multidisciplinary team
- M54 Management of congenital cranio-facial anomalies
- M55 Multidisciplinary management by surgery and orthodontics of dento facial anomalies
- M56 Care and treatment of cleft lip and palate patients

Section N. Teaching and Training the Trainers

- M57 Acquiring skills essential to train dental specialist registrars
- M58 Teaching and training general dental practitioners, undergraduates and medical SpRs

Section O. Management, Co-ordination and Communication

- M59 Structure of purchasing authorities and the management of hospital trusts
- M60 Hospital audit
- M61 Communication skills
- M62 Advisory committees and interface with dental public health and health purchasing
- M63 Health service structures

Section P. Research and Self-assessment

- M64 Hospital-based research
- M65 Self-assessment during additional training

Completion of training

On completion of the additional training programme and satisfactory structured assessments throughout the programme, in addition to passing the Membership in Orthodontics or equivalent, the trainee must be successful in the Intercollegiate Specialty Examination in Orthodontics.