ORTHODONTIC Residency Training Programme leading to the degree of Master of Dental Surgery (MDS)
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1 INTRODUCTION

The Residency Training Programme in Orthodontics is a 3-year full-time course leading to the degree of Master of Dental Surgery. The programme is accredited by the Royal College of Surgeons of Edinburgh to enable candidates who successfully complete the course to sit for the Membership in Orthodontics (MOrthRCS Edinburgh). This enables the acquisition, by assessment, of the Fellowship of the College of Surgeons (FDSRCS Edinburgh) after 5 further years of clinical practice as a specialist.

The programme is administered at the Faculty of Dentistry by the Division of Graduate Dental Studies and at the National Dental Centre by the Department of Orthodontics. There is a planned admission of 3 students each year with applications for admission being invited in October. The course commences in July, and the examinations for each of the 3 years are held in June.

The course consists of clinical and didactic components held at the Faculty of Dentistry and the National Dental Centre.

The fixed appliance techniques taught in the orthodontic programme are a variation of the Straightwire Technique and the Tip-Edge Appliance. Diagnosis and treatment planning sessions, together with case progress discussions are held weekly and a journal club assists the candidates with guided journal reading. A combined clinic where orthognathic cases are discussed is regularly held.

A thesis is part of the course requirements. The literature survey is completed at the end of the first year, with the draft thesis being presented at the end of the second year. The bound volume is handed in the month of January in the final year.

The selection of 5 clinical cases for final examination will be made from a total of 10 presented cases, and the candidates will assist the clinical teachers in the final selection. The final examination format is enclosed as a document within this booklet.
2 TEACHING STAFF

PROGRAMME DIRECTOR: Assoc Prof Kelvin Foong Weng Chiong
BDS, MDS Ortho (Adelaide), MOorthRCS (Edin), FAMS, FDSRCS (Edin), PhD

PROGRAMME CO-DIRECTOR: Cl Assoc Prof Mimi Yow
BDS, FDSRCS (Edin), MSc (Lond), FAMS

FACULTY OF DENTISTRY

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BDS, MDS Ortho (Adelaide), MOorthRCS (Edin), FAMS, FDSRCS (Edin), PhD

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BDS, Dip Clin Dent (Melb), MSc (Melb), MOOrthoRCS (Edin), FAMS

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Dr Wong Yoke Cheng, Rosalind
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COMMITTEE FOR ORTHODONTICS

Assoc Prof Kelvin Foong Weng Chiong (Chairman)
Dr Chew Ming Tak
Dr Hwang Yee Cheau
Dr Kaan Sheung Kin
Dr Soh Jen
Cl Assoc Prof Mimi Yow
3  OBJECTIVES OF THE PROGRAMME FOR
SPECIALTY EDUCATION IN ORTHODONTICS

The general objective of the programme is to educate dentists to become specialists in orthodontics with a solid and broad academic background and adequate clinical experience in different treatment methods.

The graduate should be able to:

- diagnose anomalies of the dentition, facial structures and functional conditions
- detect deviations of the development of the dentition, of facial growth, and occurrence of functional abnormalities
- formulate a treatment plan and predict its course
- evaluate psychological aspects relevant to orthodontics
- conduct interceptive orthodontic measures
- execute simple and complex treatment procedures
- act as an expert in orthodontics and related matters
- collaborate in multidisciplinary teams for treatment of compromised patients, orthodontic-surgical treatment and care of cleft palate patients
- evaluate need for orthodontic treatment
- practise orthodontics with high professional and ethical standards
- use available opportunities for improving professional skills

In addition, emphasis is placed on:

- biomedical sciences relevant to orthodontics
- development of a scientific attitude in an inquiring mind and stimulation of professional interest
- principles of scientific methodology
- interpretation of literature
- research activities
- oral and written presentation of clinical and research findings