

PRESENTATION

This course will allow dentists to increase their knowledge of orthodontics and dentofacial orthopaedics. It will also serve to support your training by thinking of taking a master in the future like the one offered by our Dental Science university.

GENERAL DATA

Duration: 150 hours (15 ECTS credits)

Dates: 01/09/2022 to 26/02/2023

Modality: Blended

Date and time: The Schedule will be informed by the course director after registration.

This course will take place in Australia

Contact phone:

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Title / Diploma obtained: Diploma by the Universitat Jaume I (Orthodontics and Dentofacial Orthopaedics)

RECIPIENTS

All the students will have to be a qualified, registered dentist in their respective states/countries.

OBJECTIVES

- Through this program, the student will get familiar with the principles of Esthetic Dentistry, and the importance of interdisciplinary approach in achieving optimal results, focusing on minimally invasive dentistry as a basic premise.
- Through a comprehensive approach to diagnosis of dental and affiliated parameters, the student will be able to elaborate an interdisciplinary treatment, plan for the patient.

PROGRAM

Understanding aetiology and diagnostics:

- Concept of Beauty & Divine proportions
- Growth and Development of Occlusion
- Malocclusion aetiology
- Airway assessment

- Orthodontic diagnosis

Diagnosis and treatment planning:

- Cephalometric and software applications
- Derivation of functional analysis & other challenges in the diagnosis of dentofacial deformities.

Interceptive orthodontics

- Oral habits
- Guidance of occlusion
- Modifications during growth & development
- Dentists' role in management of upper airway problems and sleep disorders

Extraction & Non-Extraction philosophy

Removable and fixed appliance therapies

- Biology of tooth movement and its effects
- Maxillary expansion options
- Treatment concepts of pre-adjusted appliances
- Biomechanics
- Various bracket types
- Orthodontic armamentarium
- Anchorage control
- Functional appliances and their clinical applications
- Extraoral/intraoral anchorage
- Root resorption and its management

Fixed appliance mechanics

- Management of class 1 malocclusion
- Management of class II malocclusion
- Management of class III malocclusion
- Space closure
- Overjet reduction
- Levelling & aligning
- Finishing and detailing
- Sectional orthodontics

Clear aligners-applications and limitations

Adult orthodontics

Temporary anchorage devices – concepts and hands-on

Typodont exercises

Case presentations and Seminars by participants

METHODOLOGY

The course will be carried out mainly through theoretical classes. Candidates can opt for hands on sessions with the faculty if desired. Submission of complete documentation of 5 cases which are currently in treatment or have completed treatment is required for receiving the Diploma

EVALUATION

The course will be evaluated by taking an online exam after each module and presenting 5 cases per student with a heavy emphasis on correct record-taking, diagnostics and treatment planning. The cases do not have to be completed.