

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: 10/02/2025 to 03/08/2025

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
- Dentist' 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 I 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 through theoretical online presentations via IAADent Student Portal. There are 5 modules, 30 hours study per module. A 2 hour online tutorial is held at the end of each module, followed by a 2 hour exam at the end of each module, which includes multiple choice and short answer questions.

Submission of 5 cases with complete documentation 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.