

CONTINUING EDUCATION 2020-2021

# Hands-on Cadaver Intensive Course in Orthognathic Surgery and Ancillary Procedures



## Presentation

Over recent years, the treatment of maxillofacial conditions with orthognathic surgery has undergone a revolution. The reach and objectives of this kind of surgery have been redefined so as to cover three basic pillars: 1) Correcting underlying malocclusion and skeletal discrepancy; 2) Upper airway obstruction management; 3) Harmonisation of facial aesthetics.

At present, there are currently no continuing education programmes in this field in any University, either in Spain or abroad. This hands-on course aims to provide participants with a comprehensive practical overview of all the techniques involved in the orthognathic surgery spectrum, including ancillary procedures to optimise aesthetic results. To this effect, we have designed a predominantly practical course using cryopreserved cadaver heads.

### Department responsible

Oral and maxillofacial medical-surgical pathology area

## Target

This course is aimed at trainees or specialists in Oral and Maxillofacial Surgery, from Spain or abroad, who wish to expand their knowledge in orthognathic surgery.

## Direction and coordination

### Coordinators

- Dr Federico Hernández Alfaro
- Dr Adaia Valls

### Teaching staff

- Dr Samir Aboul-Hosn
- Dr Federico Hernández Alfaro
- Dr Jorge Masià
- Dr Alejandro Mazarro
- Dr David Neagu
- Dr Ramón Sieira
- Dr Adaia Valls

## Objectives

- To review the relevant clinical anatomy for treating maxillofacial conditions.
- To review and practice all the contemporary techniques in orthognathic surgery.
- To review and practice all the contemporary techniques in facial aesthetics in the context of orthognathic surgery.
- To review and practice basic contemporary techniques in speedy orthodontics.
- To provide an update of surgical techniques in this field of knowledge.



## Programme

### Day 1

1. Welcome
2. Introduction to the dissection room
3. Maxillary osteotomies (LeFort I, segmented, SARPE, twist technique)
4. Malar osteotomy
5. Ancillary procedures for cosmetic enhancement (Bichat Fat Pad transposition, lipofilling)
6. Accelerated orthodontics: Corticotomies
7. Orthopaedic miniplates
8. Rigid Internal Fixation: our protocol

### Day 2

1. Mandibular osteotomies (sagittal, Loncle modified technique, vertical, frontblock, SARME, constriction midline osteotomy, genioplasty (horizontal and vertical), chin wing)
2. Aesthetic enhancement of the contour of the jaw
3. Intraoral/extraoral condylectomy
4. How to approach possible complications
5. Impact of orthognathic surgery on perinasal area. Ancillary procedures for aesthetic enhancement of the nose (rhinoplasty).
6. Aesthetic enhancement of the contour of the jaw. Facial/neck lifting procedures and lipofilling.

**Dates**

6-7 May 2021

**Schedule**

Thursday and Friday, from 9 am to 6 pm

**Accreditation**

2 ECTS

**Price**

€3,000

**Number of places**

Place numbers on this course are limited. Places will be awarded strictly by order of registration.

**Location**

Universitat Internacional de Catalunya  
Sant Cugat Campus

**Contact**

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