

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

Hands-on Cadaver Intensive Course in Orthognathic Surgery and Ancillary Procedures 2020-2021

Presentation of the course

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

Department of Oral Medical-Surgical Pathology and Implantology
Faculty of Dentistry

Coordinators

Dr Federico Hernández Alfaro
Dr Adaia Valls

Teaching staff

Dr Natalia Ventura, Dr Federico Hernández Alfaro, Dr Samir Aboul-Hosn, Dr Ramón Sieira, Dr Adaia Valls, Dr Jorge Masià, Dr Raquel Guijarro

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

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 a refresher on surgical techniques in this field.
- To provide an update of surgical techniques in this field of knowledge.

Competences and learning outcomes to be acquired by students

- Theoretical and practical knowledge of maxillary osteotomies:
 - One-piece Le Fort I osteotomy
 - Three- or four-piece Le Fort I osteotomy
 - SARPE
 - Minimally invasive techniques (“twist technique” by Hernández Alfaro)
- Theoretical and practical knowledge of mandibular osteotomies:
 - Sagittal split osteotomy
 - Anterior segmental osteotomy (frontblock)
 - Genioplasty
 - Chin wing
 - Internal and external condilectomy
 - Rigid Internal Fixation: our protocol
 - How to approach eventual complications
 - Zygomatic osteotomies:
 - Sandwich osteotomy
- Theoretical and practical knowledge of facial harmony optimisation techniques:
 - Rhinoplasty
 - Buccal fat pad transposition
 - Facial liposculpturing
- Theoretical and practical knowledge of speedy orthodontics:
 - Corticotomies
 - Orthopaedic miniplates

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

Course programme

DAY ONE: May 6th

<i>Schedule</i>	<i>Topic</i>	<i>Faculty</i>
9:00-9:15	Welcome Introduction to the dissection room	Dr Aboul-Hosn Dr Hernández Alfaro Dr Valls Dr Ventura
9:15-11:30	Maxillary osteotomies (LeFort I, segmented, SARPE, twist technique)	Dr Aboul-Hosn Dr Hernández Alfaro Dr Valls Dr Ventura
11:30-12:00	Coffee break	
12:00-14:00	Malar osteotomy Ancillary procedures for cosmetic enhancement (Bichat Fat Pad transposition, lipofilling)	Dr Aboul-Hosn Dr Hernández Alfaro Dr Valls Dr Ventura
14:00-15:30	Lunch break	
15:30-18:00	Accelerated orthodontics: Corticotomies Orthopaedic miniplates Rigid Internal Fixation: our protocol	Dr Aboul-Hosn Dr Hernández Alfaro Dr Valls Dr Ventura

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

DAY TWO: May 7th

<i>Schedule</i>	<i>Topic</i>	<i>Faculty</i>
9:00-11:30	Mandibular osteotomies (sagittal, Loncle modified technique, vertical, frontblock, SARME, constriction midline osteotomy, genioplasty (horizontal and vertical), chin wing) Aesthetic enhancement of the contour of the jaw	Dr Guijarro Dr Hernández Alfaro Dr Sieira Dr Valls Dr Ventura
11:30-12:00	Coffee break	
12:00-14:00	Intraoral/extraoral condylectomy How to approach possible complications	Dr Guijarro Dr Hernández Alfaro Dr Sieira Dr Valls Dr Ventura
14:00-15:30	Lunch break	
15:30-18:00	Ancillary procedures for aesthetic enhancement of the nose (rhinoplasty) Free practice (facial/neck lift...)	Dr Guijarro Dr Hernández Alfaro Dr Masià Dr Valls Dr Ventura

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

Basic Information

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.

Applicants with other backgrounds: acceptance will be at the discretion of the programme management.

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
Campus Sant Cugat
Josep Trueta, s/n
Hospital Universitari General de Catalunya
08195 Sant Cugat del Vallès
Barcelona

Contact

Cristina Junquera
Paola Lago
T. +34 935 042 000
infodonto@uic.es

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

**Hands-on Cadaver Intensive Course in Orthognathic
Surgery and Ancillary Procedures 2020-2021**

Calendar	6-7 May 2021
Timetable	Thursday and Friday, from 9 am to 6 pm
Location	Campus Sant Cugat. Josep Trueta, s/n. Hospital Universitari General de Catalunya. 08195 Sant Cugat del Vallès. Barcelona
Organised by	Faculty of Dentistry, UIC Barcelona

The number of places is limited and will be granted by a strict order of registration.

In the University website www.uic.es you will find more information.