

CURSO 2022-2023

**HANDS-ON
CADAVER INTENSIVE
COURSE IN
ORTHOGNATIC
SURGERY AND
ANCILLARY
PROCEDURES**



Hands-on Cadaver Intensive Course in Orthognathic Surgery and Ancillary Procedures 2022-2023

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

Oral and maxillofacial medical-surgical pathology area
Faculty of Dentistry

Coordinators

Dr Federico Hernández-Alfaro
Dr Adaia Valls

Academic Board

Dr Federico Hernández-Alfaro, Dr Adaia Valls, Dr Samir Aboul, Dr Jorge Masià, Dr Ramón Sieira, Dr Mazarro, Dr Neagu

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 execute all contemporary techniques in facial esthetics optimization in the context of orthognathic surgery.
- To review and practice all the contemporary techniques in facial aesthetics in the context of orthognathic surgery.
- To provide an update of surgical techniques in this field of knowledge.

Competences and learning outcomes

- 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 optimization techniques:
 - Rhinoplasty
 - Buccal fat pad transposition
 - Facial liposculpturing
- Theoretical and practical knowledge in speedy orthodontics:
 - Corticotomies
 - Orthopaedic miniplates

Course Programme

DAY ONE: May 4th, 2023*

**sessions schedule may vary*

Schedule	Topic	Faculty
9:00-9:15	Welcome Introduction to the dissection room	Dra. Valls
9:15-11:00	Surgical field preparation (Ghuloom) Maxillary osteotomies (LeFort I, segmented, SARPE, twist technique, pterygomaxillary disjunction) (HA)	Dr. Aboul-Hosn Dr. De La Fuente Dr. Ghuloom Dr. Hernández Alfaro Dr. Mazarro Dr. Sieira Dra. Valls
11:00-11:30	Coffee break	
11:30-13:30	Bichat Fat Pad transposition & bichectomy (Valls) Impact of orthognathic surgery on perinasal area & aesthetic enhancement of the nose (rhinoplasty) (Valls)	Dr. Aboul-Hosn Dr. De La Fuente Dr. Ghuloom Dr. Hernández Alfaro Dr. Mazarro Dr. Sieira Dra. Valls
13:30-14:30	Lunch break	
14:30-18:00	Malar osteotomy (Sieira) Facial contouring (De La Fuente) Rigid Internal Fixation: our protocol (De La Fuente)	Dr. Aboul-Hosn Dr. De La Fuente Dr. Ghuloom Dr. Hernández Alfaro Dr. Mazarro Dr. Sieira Dra. Valls

DAY TWO: May 5th, 2023*

*sessions schedule may vary

Schedule	Topic	Faculty
9:00-11:00	Mandibular osteotomies (Ghuloom) Genioplasty (horizontal and vertical), chin wing (Aboul-Hosn)	Dr. Aboul-Hosn Dr. De La Fuente Dr. Ghuloom Dr. Hernández Alfaro Dr. Mazarro Dr. Sieira Dra. Valls
11:00-11:30	Coffee break	
11:30-13:30	Intraoral/extraoral Condylectomy (Valls) Aesthetic enhancement for the contour of the jaw (Valls) Wisdom teeth extraction: our protocol (De La Fuente)	Dr. Aboul-Hosn Dr. De La Fuente Dr. Ghuloom Dr. Hernández Alfaro Dr. Mazarro Dr. Sieira Dra. Valls
13:30-14:30	Lunch break	
14:30-18:00	Facial/neck lifting procedures (Mazarro) Fillers/lipofilling (Mazarro)	Dr. Aboul-Hosn Dr. De La Fuente Dr. Ghuloom Dr. Hernández Alfaro Dr. Mazarro Dr. Sieira Dra. Valls

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.

Calendar

May 4th and 5th, 2023

Schedule

Thursday and Friday from 9am to 6pm

Accreditation

2 ECTS

Price

3000€

Discount 10% students who have completed the theoretical course Diploma Orthognathic Surgery and Surgical Orthodontics. Discount on registered by Osteomed according to agreement

Numbers of places

Place numbers on this course are limited.

Places will be awarded strictly by order of registration

Lugar de realización

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