

Course  
2018  
2019

Continuing education  
Faculty of Dentistry

uic  
barcelona  
#morethanauniversity

Oral and maxillofacial surgery  
department

# Hands-On Cadaver Intensive Course in Orthognathic Surgery and ancillary procedures

[uic.es/dentistry](http://uic.es/dentistry)

Universitat Internacional  
de Catalunya  
Faculty of Dentistry

The treatment of dento-maxillofacial deformity with orthognathic surgery has undergone a profound revolution during the last years. The reach - and hence the objectives - of this kind of surgery have been redefined to cover three basic pillars:

- The correction of the underlying malocclusion and skeletal base discrepancy.
- Upper airway management.
- Harmonization of facial esthetics.

There is currently no national or international continued education program in this field in any University. This hands-on course aims to provide participants with a comprehensive practical overview of all techniques of the orthognathic surgery spectrum, including ancillary procedures to optimize esthetic results. To this effect, an eminently practical course on cryopreserved cadaver heads has been designed.

## Direction and coordination

### Coordinators

- Dr Federico Hernández-Alfaro
- Dr Adaia Valls

### Academic Board

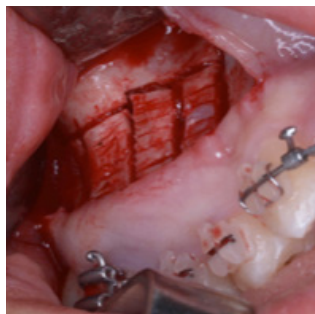
- Dr Samir Aboul-Hosn
- Dr Raquel Guijarro
- Dr Federico Hernández Alfaro
- Dr Jorge Masia
- Dr Ramón Sieira
- Dr Adaia Valls
- Dr Natalia Ventura

## Objectives

- To review the relevant clinical anatomy to the treatment of dento-maxillofacial deformities.
- To review and execute all 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 execute the basic contemporary techniques in speedy orthodontics.
- To provide an update of surgical techniques in this field of knowledge.

## Target

- This course is intended for national or international trainees or specialists in Oral and Maxillofacial Surgery who wish to expand their knowledge in orthognathic surgery.



### Calendar

May 2nd and 3rd, 2019

### Schedule

Thursday and Friday, from 9:00 am to 6:00 pm

### Accreditation

2 ECTS

### Price

€3000

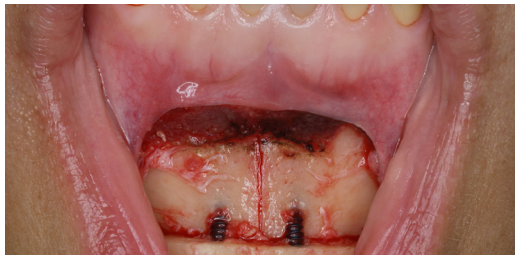
\* The places will be granted by a strict order of registration.

### Place

Campus Sant Cugat.

### Contact

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Paola Lago  
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# Program of the course

## Orthognathic surgery osteotomies

- Mandibular osteotomies (sagittal, vertical, frontblock, genioplasty, chin wing)
- Maxillary osteotomies (LeFort I) - Twist technique - Segmented - SARPE
- Rigid Internal Fixation: our protocol
- How to approach eventual complications

## Mandibular condyle approach

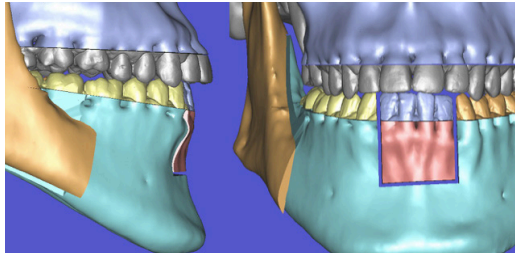
## Accelerated orthodontics

- Corticotomies
- Orthopedic and orthodontic miniplates

## Ancillary procedures

- Malar Osteotomy, Bichat Fat Pad transposition, lipofilling, jawline contouring

## Free practice(facial/neck lift...)



# Competences and learning outcomes to be acquired by students

## Theoretical-practical knowledge in maxillary osteotomies:

- One-piece and segmented Le Fort I osteotomy.
- SARPE.
- Minimally invasive technique ("twist technique" by Hernández-Alfaro).

## Theoretical-practical knowledge in mandibular osteotomies:

- Sagittal split osteotomy. Vertical Osteotomy.
- Anterior segmental osteotomy (frontblock).
- Genioplasty.
- Chin wing.
- Condylectomy (intraoral and extraoral approach).

## Theoretical-practical knowledge in speedy orthodontics:

- Corticotomies.
- Orthopedic and orthodontic miniplates.

## Theoretical-practical knowledge in zygomatic osteotomies

## Theoretical-practical knowledge in facial harmony optimization techniques:

- Rhinoplasty.
- Buccal fat pad transposition.
- Facial liposculpturing.

# Partner



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## UIC Barcelona

UIC Barcelona is considered as one of the most prestigious universities internationally and more specifically Dentistry College is ranked at Spanish Top 4 by "El Mundo" daily newspaper.

Oral Surgery and Maxillofacial Department at Universidad Internacional de Catalunya is a model within advanced implantology and has accomplished several scientific publications in this field.