Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management 2019-2020

Presentation of the course

There is a high demand for specialized training in the field of advanced implantology. The opportunity to perform complex surgical techniques in animal model and human cadaver with an eminently practical guidance has a gap in the middle of the large existing training programs.

Department in charge

Area Oral and Maxillofacial Surgery Department

Faculty of Dentistry

Coordinators

Dr. Federico Hernández Alfaro

Dr. Jorge Bertos

Dr. Daniel De Ribot

Academic Board

Dr. Federico Hernández Alfaro, Dr. Jorge Bertos, Dr. Daniel de Ribot, Dr. Albert Barroso, Dr. Octavi Ortiz, Dr. Pau Altuna. Dr. Juan Zanon, Dr. Marc Quevedo Pou, Dr. Susana García, Dr. Silvia Pérez, Dr. Cristina Porta, Dr. Cristina Porta, , Dr. Ernest Lucas, Dr. Jordi Caballé, Dr. Samir Aboul Hosn, Dr. Basel Elnayef, Dr. Jorge Masía, Dr. Sandra Barrio, Dr. Adaia Valls.

Universitat Internacional de Catalunya
Facultad de Odontología

Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management

Objectives

Review in a systematic way, every complex surgical technique in advanced implantology.
To provide dentists and maxillofacial surgeons appropriate diagnostic and therapeutic tools to solve complex cases in reconstructive Preprosthetic surgery.

Competences

- Learn to diagnose complex cases.
- Mastering the elements of radiological diagnosis.
- Learn to choose appropriate techniques for each clinical situation.
- Knowledge and use of basic instrumental in advanced surgical techniques applied to surgery and oral implantology.
- Knowledge and practice of the various techniques in extracting autologous bone grafts and clinical applications.
    - Body, angle and mandibular ramus. Different approaches and variations of the original technique.
    - Symphysis of the chin. Different approaches and variations of the original technique.
    - Anterior nasal spine.
    - Tuberosity.
    - Palate.
    - Anterior and lateral sinus wall.
- Knowledge and practice of the "inlay" or sandwich technique for vertical bone increase in the posterior jaw. Description of the original technique and variations.
- Knowledge and practice of different techniques of guided bone regeneration. Horizontal and vertical bone regeneration.
- Knowledge and practice the lateralization and transposition of the N.D.I. technique.
- Knowledge and practice the Alveolar Split crest technique for horizontal augmentation.
- Knowledge and practice the nasal floor lifting technique.
- Knowledge and practice of lifting and grafting of the maxillary sinus through lateral approach technique.
- Knowledge and practice of implant placement in buttresses techniques.
    - pterygoid implants.
    - Implants in the palatine process of the maxilla.
- Knowledge and practice of the technique of placing angled implants to avoid anatomic structures.
    - "Tilted implants" tangential to the maxillary sinus anterior wall.
    - "Tilted implants" tangential to the mental foramen.
    - Concept "All on Four"
- Knowledge and practice of dissection of Bichat bucal fat pad.
- Knowledge and practice of soft tissue management in implantology.
    - Management of the flap to obtain passivity at closing.
    - Free connective tissue grafts. donor, recipient and technical areas.
    - Free free epithelial tissue grafts. donor, recipient and technical areas.
    - Subepitelial rotated palatal flap.
    - Roll-on original and modified technique.
    - Tunneling technique.

Universitat Internacional de Catalunya
Facultad de Odontología

Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management

Program of the course

Thursday, May 14.	
Schedule	**Practice sessions on cryopreserved human cadaver heads. Part 1**
9:00-9:15	Presentation. Dr. Federico Hernández Alfaro
09:15-10:30	Soft tissue management in implantology. THEORY: Dr. Marc Quevedo.
10:30-11:00	Coffe
11:00-13:00	Soft tissue management in implantology. PRACTICE: Dr. Daniel de Ribot, Dr. Octavi Ortiz, Dr. Pau Altuna, Dr. Albert Barroso, Dr. Marc Quevedo, Dr. Jorge Bertos.
13:00-14:00	Bone augmentation through G.B.R. technique. Different approaches according to: vertical or horizontal augmentation, types of bone materials, meshes and membranes. THEORY: Dr. Daniel de Ribot and Dr. Octavi Ortiz
14:00-15:00	Lunch
15:00-17:00	Bone augmentation through G.B.R. technique. Different approaches according to: vertical or horizontal augmentation, types of bone materials , meshes and membranes. PRACTICE HORIZONTAL AND VERTICAL REGENERATION Dr. Daniel de Ribot, Dr. Octavi Ortiz, Dr. Pau Altuna, Dr. Albert Barroso, Dr. Marc Quevedo, Dr. Jorge Bertos.
17:00-17:30	Coffe
17:30-18:30	Autologous bone graft extraction techniques and clinical aplications. THEORY: Dr. Albert Barroso.
18:30-20:00	Bone augmentation through “onlay” autologous bone blocks. THEORY: Dr. Albert Barroso. PRACTICE.: Dr. Octavi Ortiz, Dr. Pau Altuna, Dr. Albert Barroso, Dr. Marc Quevedo, Dr. Cristina Porta, Dr. Jordi Caballé, Dr. Sandra Barrio.
Friday, May 15.	
Schedule	**Practice sessions on cryopreserved human cadaver heads. Part 1**
09:00-10:30	Bone augmentation through “inlay” or “sándwich” autologous bone blocks. THEORY: Dr. Albert Barroso. PRACTICE.: Dr. Octavi Ortiz, Dr. Pau Altuna, Dr. Albert Barroso, Dr. Marc Quevedo, Dr. Cristina Porta, Dr. Jordi Caballé, Dr. Sandra Barrio.
10:30-11:00	Coffe
11:00-12:30	Split Crest technique for alveolar bone horizontal augmentation. THEORY: Dr. Jorge Bertos. PRACTICE: Dr. Susana García, Dr. Samir Aboul, Dr. Silvía Pérez, Dr. Cristina Porta, Dr.Jordi Caballé, Dr. Pau Altuna, Dr. Octavi Ortiz.
12:30-14:00	Sinus elevation and grafting through lateral approach and nasal floor elevation and grafting. THEORY: Dr. Juan Zanón. PRACTICE: Dr. Susana García, Dr. Silvia Pérez, Dr. Daniel de Ribot, Dr. Sandra Barrio, Dr. Juan Zanón. Dr. Marc Quevedo.
14:00-15:00	Lunch.

15:00-16:30	Lateralization and transposition of the inferior alveolar nerve. THEORY: Dr. Samir Aboul Hosn. PRACTICE: Dr. Susana García, Dr. Samir Aboul, Dr. Silvia Pérez, Dr. Cris Porta, Dr. Jordi Caballé, Dr. Pau Altuna, Dr. Octavi Ortiz.

Universitat Internacional de Catalunya
Facultad de Odontología

Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management

16:30-18:00	Angulation of implants to avoid anatomical estructures. THEORY: Dr. Pau Altuna. PRACTICE: Dr. Susana García, Dr. Daniel de Ribot. Dr. Basel Elnayef, Dr. Pau Altuna, Dr. Mª Luisa Augé.
18:00-18:30	Coffe
18:30-20:00	Buttress implant placement: Pterigoid implants THEORY: Dr. Federico Hernández Alfaro/Da. Adaia Valls/ Dr. Jorge Masiá. PRACTICE: Dr. Daniel de Ribot , Dr. Octavi Ortiz, Dr. Pau Altuna ,Dr. Albert Barroso, Dr. Marc Quevedo, Dr. Federico Hernández Alfaro/Dr. Adaia Valls/ Dr. Jorge Masiá, Dr. Mª.Luísa Augé, Dr. Susana García
20:00-20:15	Programme clousure and diplomas. Dr. Federico Hernández Alfaro.

- The course lasts for two days. The course is theoretic and practic where will be addressed each of the different surgical techniques in implantology and advanced pre-prosthetic surgery. The different sessions of the course will be organized as follows; the theory will be taught and then students will put into practice on the anatomical model. The different days of the course will be organized as follows; The theory will be taught and then the student will put it into practice on cryopreserved human heads.
- • Theoretical and practical sessions should be prepared in advance by the student as directed by the teacher who will facilitate bibliographical sources or study material. The students will have a written document where all surgical techniques are explained in detail nad will be discussed later in the practice sessions
- • The theoretical / practical day of 14 and 15 will take place on cryopreserved human cadaver model in the laboratory or dissecting laboratory previously agreed. In these sessions, students will have the opportunity to apply on the anatomical model previously acquired theoretical knowledge. This theoretical / practical session will be strengthened by a reminder video or power point presentation or key note as in the previous day for a better student proceed in practice.
- • There will be a Cone Beam Computerized Tomography (CBCT) of all cadaveric samples (in this case it will be heads of cryopreserved human cadaveric) for the study and planning of the intervention by the students. So each student will need to attach a PC to display the scanner so you can plan the surgery.
- • It is an objective of this program, prior theoretical study of each and every one of the different surgical procedures to be applied on cadaveric anatomical models. Therefore a continuous assessment of their knowledge (in previous sessions and during dissection) and a final evaluation, which will be essential to pass for obtaining the certificate will be made.

Universitat Internacional de Catalunya
Facultad de Odontología

Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management

Basic information

Target

National and international Dentists, oral surgeons and oral and maxillofacial surgeons

Calendar

May 14th to 15th, 2020

Schedule

Thursday to Friday from 9 AM to 8 PM

Acreditation

2 ECTS

Price

3.000€

Number of places

The number of places available for course are 20.
The places will be granted by a strict order of registration

Universitat Internacional de Catalunya
Facultad de Odontología

Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management

Place

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

Universitat Internacional de Catalunya
Facultad de Odontología

Hands-On Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management

Hands-on Cadaver Intensive Course in Advanced Implant Surgery: Hard and Soft Tissue Management 2019-2020

Calendar	May 14th to 15th 2020
Schedule	Thursday to Friday from 9 AM to 8 PM
Place	Campus Sant Cugat. Josep Trueta, s/n. Hospital Universitari General de Catalunya. 08195 Sant Cugat del Vallès. Barcelona
Organizes	Faculty of Dentistry from UIC Barcelona

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

For more information please check the website www.uic.es