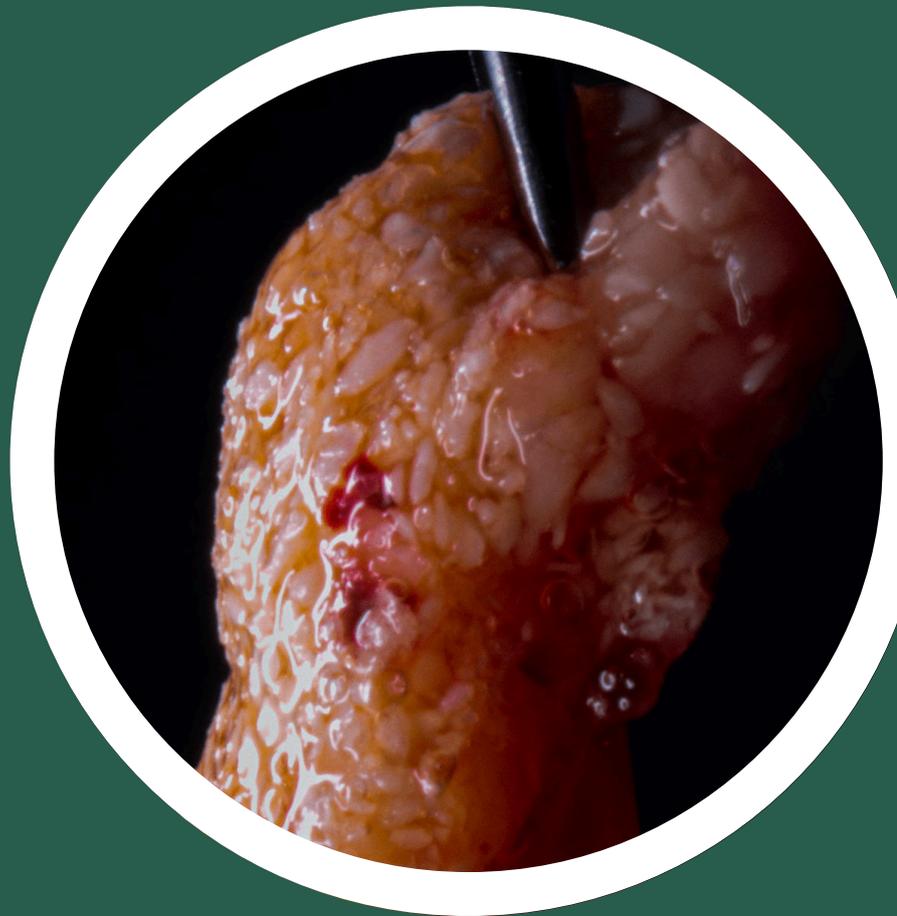


# L-PRF INTERNATIONAL COURSE. A NEW CONCEPT OF NATURAL REGENERATION. CLINICAL APPLICATIONS OF LEUKOCYTEPLATELET RICH FIBRIN



<b>Campus</b> UIC Barcelona, Campus Sant Cugat	<b>Calendar and schedule</b> 6th and 7th of March  Friday from 8.30 to 18.30 Saturday from 9.00 to 14.00	<b>Language</b> English	<b>Information and admission</b> Marta Utset contact number & WhatsApp: +34 930 192 304 infodonto@uic.es	
<b>Tuition fee</b> € 690		<b>Mode of delivery</b> On-site		<b>Credits</b> <b>1,5</b>

Healing of the extraction socket involves modeling and remodeling processes that may alter both the quantity and quality of the soft and hard tissues of the edentulous ridge.

When a tooth extraction procedure is performed, vertical and horizontal dimensional changes can be expected.

**Nowadays, it is possible to prevent ridge resorption by performing alveolar ridge preservation (ARP) in extraction sockets using different grafting materials**, such as autologous bone marrow, allografts, xenografts, polylactide and polyglycolide sponges, growth factors, and platelet-rich plasma (PRP) concentrates.

**Leukocyte- and platelet-rich fibrin (L-PRF) concentrates—specifically Choukroun’s PRF (platelet-rich fibrin)—represent the latest development in these protocols.** In this method, blood is collected without any anticoagulant and immediately centrifuged. A natural coagulation process then occurs, allowing for the easy collection of an L-PRF clot without the need for any biochemical modification of the blood. That is to say, no anticoagulants, thrombin, or calcium chloride are required.

L-PRF has also shown promising applications in procedures such as **guided bone regeneration, sinus lift, and the management of peri-implantitis from a new perspective.**

**In this course, you’ll explore the key characteristics of L-PRF and learn how to apply it effectively in implant placement, ridge preservation, guided tissue and bone regeneration, sinus lift procedures, and the treatment of peri-implantitis.**

By enrolling in this course, participants will gain a **solid understanding of the basic characteristics of L-PRF, along with insight into the evolving paradigm of osseointegration.** They will also learn the various **clinical applications of L-PRF and acquire practical knowledge of the surgical techniques involved** in its use.



The **Faculty of Dentistry at UIC Barcelona** is the first and only Spanish university accredited by the **American Dental Association** as provider for Continuing Education.

**ADA C.E.R.P.**® | Continuing Education Recognition Program

Universitat Internacional de Catalunya, Fundació Privada is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at CCEPR. ada.org.



### **TARGET**

This course is essential for dentists, stomatology doctors and 5th year dental students who wish to learn about the L-PRF techniques and protocols.

### **MODE OF DELIVERY**

The program is structured around a full-day theoretical and surgical training, combining expert lectures, recorded surgeries, and detailed step-by-step guidance on clinical applications of L-PRF. On the second day, participants will observe a live surgery and gain hands-on experience with L-PRF preparation protocols and techniques.

### **ASSESSMENT METHOD**

An online self-assessment test will be carried out at the end of the course so that students can assess the achievement of their personal goals and their knowledge of the content of the course.



Explore the full potential of L-PRF in modern implantology with a comprehensive two-day course combining in-depth theoretical lectures, clinical case reviews, recorded step-by-step surgeries, and hands-on training — including a live surgical demonstration

#### **Responsible Department**

Periodontology Department  
Faculty of Dentistry

#### **Course Coordinator**

Dr. Vanessa Ruiz

#### **Instructors**

Dr Vanessa Ruiz  
Dr Marc Quiryren



## **COURSE PROGRAMME:**

The program is structured around a full-day theoretical and surgical training, combining expert lectures, recorded surgeries, and detailed step-by-step guidance on clinical applications of L-PRF. On the second day, participants will observe a live surgery and gain hands-on experience with L-PRF preparation protocols and techniques.

### **FRIDAY:**

8:30-9:00 Secretary opening - Dra. Vanessa Ruiz

9:00-10:00 Basic characteristics of L-PRF (composition, antibacterial characteristics, growth factors). - Dr. Marc Quirynen

10:00-11:00 Changing the paradigm of osseointegration driven by L-PRF and a bio-active surface structure. - Dr. Marc Quirynen

11:00-11:30 Coffe Break

11:30-13:30 L-PRF in: sinus augmentation (trans-alveolar, lateral window with or without simultaneous implant placement), immediate implant placement and implant coating (including recorded surgeries and illustrating each procedure: step by step) - Dr. Marc Quirynen

13:30-14:30 Lunch

14:30- 16:30 L-PRF in: ridge preservation, the treatment of infra-bony craters (including recorded surgeries and illustrating each procedures: step by step, followed by FAQ time) - Dr. Marc Quirynen

16:30-17:00 Coffe break

17:00-18:30 L-PRF in Horizontal and vertical bone augmentation via the use of L-PRF block (including recorded surgeries and illustrating each procedure: step by step) - Dr. Marc Quirynen

### **SATURDAY:**

9:00-10:00 “The role of L-PRF on enhancing wound healing: from extraoral to intraoral applications” - Dr. Marc Quirynen

10:00-14:00 Case Presentation and Live surgery 1 (extraction case) Questions and answers - Dra. Vanessa Ruiz

- Blood draw technique
- IntraSpin L-RPF protocol
- Preparation of L-PRF membranes
- Preparation of socket plugs
- Preparation of L-PRF block

**STUDY IN BARCELONA**

Experience the most important formative stage of your life in one of the leading European cities. Barcelona is known for its cultural and economic prominence, providing various professional opportunities.



**CAMPUSES OF UIC BARCELONA**

The teaching activities of the Faculty of Dentistry are conducted at the Sant Cugat campus, encompassing over 24,000 m2 . Our facilities are equipped with the latest state-of-the-art equipment, supporting both theory and practical classes.

**THE PURSUIT OF EXCELLENCE IS IN OUR DNA, AND EFFORT AND PERSERVERANCE ARE OUR DRIVERS FOR CHANGE**

**RANKINGS**

Key rankings for the Universitat Internacional de Catalunya.



Find out about all our rankings here

 <p>1st position nationally in the field of Dentistry</p>	 <p>2nd position nationally</p>
 <p>3rd position nationally</p>	 <p>2nd position nationally in the field of Dentistry</p>

Universitat Internacional  
de Catalunya  
Campus Sant Cugat  
Josep Trueta, s/n  
08195 Sant Cugat del Vallès  
T. +34 935 042 000