

Course
2017
2018

Continuing education
Faculty of Dentistry

Periodontics Department

uic
barcelona
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L-PRF International Course.

A new concept of natural
regeneration. Clinical Applications
of Leukocyte-Platelet Rich Fibrin.

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Universitat Internacional
de Catalunya
Faculty of Dentistry

Healing of the extraction socket involves modeling and remodeling processes that may alter quantitative and qualitatively soft and hard tissues of the edentulous ridge. When a tooth an extraction procedure is done, 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 sponge, growth factors and Platelets Rich Plasma concentrates. Leucocyte- and platelet-rich fibrin (L-PRF) is the latest development of these protocols. Here, blood is collected without any anticoagulant and immediately centrifuged.

A natural coagulation process then occurs and allows for the easy collection of a leucocyte- and platelet-rich fibrin (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.

It has also been shown that L-PRF presents some other important applications such as Guided bone regeneration, sinus lift and periimplantitis from a new perspective.

Objectives

- The goal of this course is to show the characteristics of L-PRF and the applications in implant placement, ridge preservation, guided tissue and bone regeneration, sinus lift and periimplantitis.

Direction and coordination

Coordinator

— Dr Vanessa Ruiz-Magaz

Academic Board

- Dr Alvaro Farnós
- Dr Nelson Pinto
- Dr Marc Quiryren
- Dr Vanessa Ruiz-Magaz

Calendar

May 11st and 12th, 2018

Schedule

Friday and Saturday, from 9am to 6pm

Acreditation

1,5 ECTS

Price

350€ theoretical
500€ theoretical and practical

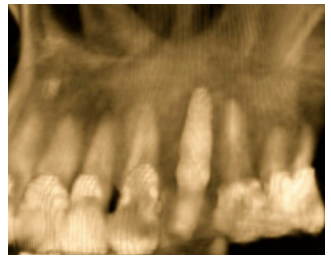
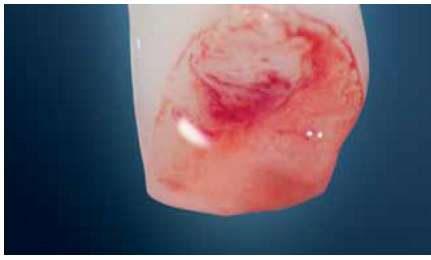
* The places will be granted by a strict order of registration.

Place

Campus Sant Cugat.

Contact

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Program of the course

Friday

8:30 am to 9:00 am Secretary opening

9:00 am to 10:00 am Basic characteristics of L-PRF (composition, antibacterial characteristics, growth factors).

[Professor Marc Quiryren](#)

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

[Professor Nelson Pinto](#)

11:00 am to 11:30 am Coffe Break

11:30 am to 1:30 pm 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)

[Professor Marc Quiryren and Professor Nelson Pinto](#)

1:30 pm to 2:30 pm Lunch

2:30 pm to 4:00 pm 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)

[Professor Marc Quiryren and Professor Nelson Pinto](#)

4:30 pm to 5:00 pm Coffe break

5:00 pm to 6:30 pm 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. Alvaro Farnós Visedo](#)

Saturday

9:00 am to 10:00 am "The role of L-PRF on enhancing wound healing: from extraoral to intraoral applications"

[Professor Nelson Pinto](#)

10:00-11:00 Case Presentation and Live surgery 1 (extraction case) Questions and answers Live Surgery

[Dr. Alvaro Farnós Visedo](#) and case Presentation [Dr. Vanessa Ruiz Magaz](#)

11:00-11:30 Coffee Break

11:30 am to 1:00 pm Case presentation and Live surgery 2 (implant case or sinus lift) Questions and answers Live Surgery

[Dr. Alvaro Farnós Visedo](#) and case Presentation [Dr. Vanessa Ruiz Magaz](#)

1:00 pm to 2:00 pm Lunch

2:00 pm to 5:00 pm Hands-Onn in pig jaws
[Dr Nelson Pinto](#), [Dr. Marc Quiryren](#), [Dr Alvaro Farnós Visedo](#), [Dr. Vanessa Ruiz Magaz](#)

2:00 pm to 5:00 pm Hands-On in pig jaws

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

Sponsor



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UIC Barcelona is considered as one of the most prestigious universities internationally and more specifically Dentistry College is ranked at Spanish Top 2 by “El Mundo” daily newspaper.

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