SCIENTIFIC SESSION ON L-PRF: L-PRF A HUMAN LIVING TISSUE GRAFT TO ENHANCE SOFT AND HARD TISSUE REGENERATION

SPEAKER: Professor Doutor Nelson R. Pinto

VENUE: Faculty of Medicine of University of Coimbra – Dentistry Department
Av. Bissaya Barreto, Blocos de Celas

LECTURE TOPICS:
BASIC SCIENCE: PRINCIPLES OF WOUND HEALING,
CHARACTERIZATION OF L-PRF MEMBRANES
PREPARATION PROTOCOLS
ORAL APPLICATIONS OF L-PRF: PROTOCOLS AND RESULTS
EXTRA-ORAL APPLICATIONS OF L-PRF: PROTOCOLS AND RESULTS
INNOVATIVE APPLICATIONS OF L-PRF

Date: 16th May, 2018 | Duration: 9:00- 13:00

REGISTRATION: free but mandatory by email to md@fmed.uc.pt

ORGANIZATION: Instituto de Implantologia e Protése Dentária
Instituto de Periodontologia

COORDINATION: Professor Doutor João Paulo Tondela

Support: Intralock

FMUC FACULDADE DE MEDICINA UNIVERSIDADE DE COIMBRA
Abstract:

Favorable wound healing has always been a major quest in dental and medical surgery. It is a concern in healthy as well as compromised patients. In an effort to improve and accelerate healing of both hard and soft tissues, substitutes including growth factors and biomaterials have been traditionally employed. Membranes were also introduced to separate tissues. Recent research clearly indicates that L-PRF (Leukocyte -Platelet Rich Fibrin) significantly enhances wound healing in both soft and hard tissues. Evidence now supports the assertion that this has the potential to replace the above-mentioned substitutes in many situations.

The greatest strength of any new therapy or technique lies in four fundamental pillars: **availability, affordability, accessibility and reproducibility.** The Natural Guided Regeneration therapy based on the use of L-PRF without a doubt has surpassed the test of these four pillars. Nowadays the wound care community and dental clinicians have the benefit of a new tool that open the possibility to treat acute and chronic wound in a way that was not possible before by shortening the time of healing and improving the quality of the tissues regenerated. All this in a reproducible manner and at an affordable cost since this is one of the most efficient and economic open-access therapies developed so far.

Many medical and dental clinical procedures benefit from recent advancements with L-PRF protocol including, but not limited to: soft tissue healing, plastic periodontal surgery, gingiva enlargement, MRONJ, regeneration of infra-bony defects, ridge preservation, sinus augmentation, immediate implant placement and implant osseointegration, on the other hand there is a growing number of medical applications such as: chronic ulcers, diabetic foot, burns, skin graft, endoscopy surgery of the base of the skull.

Several treatments strategies are very promising in the future in this domain but at this moment the **Natural Guided Regeneration** therapy have been proven to be safe, cost efficient and a real alternative to treatment for many patients around the world. What we thought impossible yesterday could be routine tomorrow by transforming Tissue Repair into truly Regeneration with L-PRF.
Prof. Nelson R. Pinto.

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Visiting Professor Department of Oral Health Sciences / Periodontology, University Hospitals, Catholic University Leuven, Belgium.

Founder and Chairman of the Research Center for Regenerative Medicine and Tissue Engineering, Concepcion, Chile

Leading expert on clinical applications of L-PRF in soft & hard tissue regeneration and wound healing.

Active Private Practice specializing in advanced Implant Dentistry.

National and International Lecturer in Implant Dentistry and Tissue Regeneration (+ 300 conferences & courses)

Several Prizes in Clinical Oral Research Presentations

Developer of the Natural Guided Regeneration Therapy for the Management of Chronics Wounds with Leucocytes-Platelet Rich Fibrin.
