

JOSEPH CHOUKROUN, MD



M.D., Anaesthesiology, University of Montpellier, France
Specialist, Pain Therapy, University of Strasbourg, France
Specialist, Wound Healing and Bone Engineering
Inventor of the PRF® technique (Platelet Rich Fibrin)
President, SYFAC: International Symposium on growth factors
Researcher and International Speaker

Presentation Date: Sunday 6 May 2018 8:00 AM - 5:00 PM

Venue SMX CONVENTION CENTER MANILA Function Room 3

Presentation Title: PLATELET RICH FIBRIN: IMPROVEMENTS IN SOFT AND HARD TISSUE SURGERIES (Biological and Pharmacological Factors for success in Implantology)

Biologically, the platelets growth factors are always active and are essential for all healing process. However, in the clinic, the most common question about platelet concentrates is: *are they always active ?* The aim of this course is to understand how the growth factors are active and how we can obtain the best results in clinical procedures: in soft and hard tissue engineering. Many recent publications are very focused on the mechanism of the platelets growth factors in tissue engineering: the most important conclusion is that the growth factors need several conditions and other substances to be really effective. It's the key to understanding. The new protocols A-PRF Advanced Platelet Rich Fibrin & i-PRF (injectable) , are best placed to win the match between the different techniques of platelet concentrates. The A-PRF protocol proposes the better composition for the healing process: cytokins with slow release (1 week), full natural fibrin, monocytes and plasma proteins. The i-PRF provides the best of cells for tissue engineering: white cells and mesenchymal stem cells. However, we must introduce the notion of right protocol: without specific protocols, the results are random.

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Presentation Date: Monday 7 May 2018 10:30 AM -11:30 AM & 3:30 PM - 4:30 PM

Venue SMX CONVENTION CENTER MANILA Function Rooms 1 & 2

Presentation Title: SURGICAL SKILLS: WHAT WILL CHANGE IN THE NEAR FUTURE? EVERYTHING!

The main factor for soft and hard tissue healing is the speed and quality of new vascularization. This lecture will present all the factors which induce blood supply loss and the solutions to maintain it or to improve it.

- Biological factors as vit. D and cholesterol have to be checked before the surgery
- The management of the flaps with sutures is one the main factor of the bone maintenance..
- The soft brushing technique is a new technique which increase the flap without periosteal incision nor bleeding.
- Implant placement without too much torque and specially after bone grafting.
- The A-PRF liquid and i-PRF are new solutions to reduce the mobility of the granules and indeed improve the angiogenesis in the bone graft
- The preparation of the flap in order to avoid the stress and the ischemia induced by the surgery.

These new protocols will allow us to achieve the long term stability.