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The use of advanced platelet-rich fibrin concentrate in tissue healing and regeneration in daily dental practice

Mohamad El Masri and Mohammed Shokry

Beirut Arab University, Lebanon

Platelet-rich fibrin (PRF) concentrate, second generation of platelets concentrates, which was developed by Choukroun et al. It can be used as a membrane or gel form, or it can be used as an injectable material, benefiting from physical and physiologic characteristics and its cellular and hormonal components, PRF is widely used to promote the healing of soft and hard tissues. The A-PRF is a new form of PRF with advanced characteristic. The aims of this lecture are to show the protocol of preparation of the A-PRF and the applicability of A-PRF in the daily dental practice. For this, several articles published between 2007 and 2018 were the references. In addition to a

study that was carried in Beirut Arab University and that was published in June 2018, showing the effect of A-PRF on socket healing in comparison with the collagen membrane. The results of the studies showed that A-PRF presents effective and safe use when used alone or in combination with biomaterials, in different site of daily dental practice.

Speaker Biography

Mohamad El Masri has completed his MSc in oral surgery from Beirut Arab University and he is preparing PhD in molecular Biology in Beirut Arab University. He is a staff member of Department of Oral Surgical Sciences in Beirut Arab University.

e: Dr_mamou@hotmail.com



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