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ESPS Manuscript NO: 30120

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Evolution, current status and advances in application of platelet concentrate in periodontics and implantology

Amit Arvind Agrawal

Abstract

Platelet concentrates (Platelet-Rich Plasma - PRP and Platelet-Rich Fibrin - PRF) are frequently used for surgical procedures in medical and dental fields, particularly in oral and maxillofacial surgery, plastic surgery and sports medicine. The objective of all these technologies is to extract all the elements from a blood sample that could be used to improve healing and promote tissue regeneration. Although leukocyte rich and leukocyte poor PRP's have their own place in literature, the importance of non-platelet

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Platelet concentration in platelet concentrates and periodontal ... - NCBI

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作者: A Suchetha - 2015 - [相关文章](#)

However, the effect of concentration of platelets on the regenerative potential of these [3] At the time of the application, PRP was combined with calcium gluconate to ... All patients maintained a good level of oral hygiene and gingival status ... a therapeutic autologous platelet concentrate should present approximately 1 ...

Platelet-Rich fibrin: A second generation platelet concentrate and a ...

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作者: H Saluja - 2011 - 被引用次数: 35 - [相关文章](#)

To assess the potential use and benefits of Platelet-Rich Fibrin (PRF) over ... This article describes the evolution of this second generation platelet concentrate and its ... PRF, which belongs to a new second generation of platelet concentrates, with ... branches of dentistry as well, such as, Periodontics and Oral Implantology.

Platelet rich fibrin - a novel acumen into regenerative endodontic therapy

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作者: K Hotwani - 2014 - 被引用次数: 12 - [相关文章](#)

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Application of platelet concentrates in periodontal regeneration ...

periobasics.com/application-of-platelet-concentrates-in-periodontal-regenera... ▼ 翻译此页

Detailed description of platelet concentrates including Pure platelet rich plasma ... of periodontal pathogens - Advances in photodynamic therapy in periodontics ... implant procedures, bone grafting, periodontal surgeries and its application ... Also, Fibrin, fibronectin, and vitronectin are present in PRP, which of course are not ...

缺少字词: evolution status

Platelet Concentrates: Past, Present and Future

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作者: S Prakash - 2011 - 被引用次数: 33 - 相关文章

2011年2月25日 - Numerous techniques of autologous platelet concentrates have been ... the evolution of the first and second generation of platelet concentrates ... finally lead to a fibrin and platelet concentrate for topical application, been used for gingival recession coverage with coronally advanced or Implant Dent.

Platelet concentration in platelet concentrates and periodontal ... - NCBI

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... periodontitis with autologous platelet-rich fibrin: a ... - [Sharma](#) - 被引用次数: 80

Autologous platelet-rich fibrin in the treatment of ... - [Sharma](#) - 被引用次数: 116

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www.sdclucknow.com/ajohas/6.pdf ▾ [翻译此页](#)

作者: V Gupta - 2011 - 被引用次数: 31 - [相关文章](#)

Regenerative Potential of Platelet Rich Fibrin In **Dentistry**: ... maxillofacial surgery to improve bone healing in **implant** ... to increased therapeutic **applications** in the various forms recent **advancements** in surgical procedures can predictably et al.30 : This **article** describes the **evolution** of novel **platelet concentrate**, ...

Journal of Periodontology Online - Journal of Periodontology - 82(12 ...

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The **present** study aims to explore the clinical and radiographic effectiveness of ... Various **platelet concentrates** and fibrin glues were created that help in the healing of soft ... **implant** placement,²³ with a coronally displaced flap in multiple **gingival** In this **application**, PRF acted as a healing and interposition biomaterial.

Periodontal Regeneration in Humans Using Recombinant Human ...

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作者: M Nevins - 2003 - 被引用次数: 313 - [相关文章](#)

Background: Purified recombinant human **platelet**-derived growth factor BB (rhPDGF-BB) ... The hypothesis tested in this study was that application of rhPDGF-BB ... Methods: Nine patients with 15