Publications overview

PRF (Platelet Rich Fibrins) and other blood derived biomaterials

2001 - 2016
2016 ( articles)

**Comparative release of growth factors from PRP, PRF, and advanced-PRF.**

**Adjunctive Effect of Autologus Platelet-Rich Fibrin to Barrier Membrane in the Treatment of Periodontal Intrabony Defects.**

**Use of leukocyte and platelet-rich fibrin (L-PRF) in periodontally accelerated osteogenic orthodontics (PAOO): Clinical effects on edema and pain.**

**Choukroun Platelet-Rich Fibrin as an Autogenous Graft Biomaterial in Preimplant Surgery: Results of a Preliminary Randomized, Human Histomorphometric, Split-Mouth Study.**

**Patient-centered evaluation of microsurgical management of gingival recession using coronally advanced flap with platelet-rich fibrin or amnion membrane: A comparative analysis.**

**Experimental Evaluation of the Effectiveness of Demineralized Bone Matrix and Collagenated Heterologous Bone Grafts Used Alone or in Combination with Platelet-Rich Fibrin on Bone Healing in Sinus Floor Augmentation.**

**Preliminary Evaluation of Platelet Rich Fibrin-Mediated Tissue Repair in Immature Canine Pulpless Teeth.**
Platelet-rich fibrin (PRF): an autologous packing material for middle ear microsurgery.

Garin P, Mullier F, Gheldof D, Dogne JM, Putz L, Van Damme JP. 
B-ENT. 2014;10(1):27-34. 

Socket preservation by beta-tri-calcium phosphate with collagen compared to platelet-rich fibrin: A clinico-radiographic study.

Das S1, Jhingran R1, Bains VK1, Madan R1, Srivastava R1, Rizvi I1. 

Evaluation of the effects of platelet-rich fibrin on bone regeneration in diabetic rabbits.

Durmuşlar MC1, Ballı U2, Öngöz Dede F2, Bozkurt Doğan Ş2, Mısır AF3, Banş E4, Yılmaz Z5, Çelik HH6, Vatansever A6. 

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The effect of platelet-rich fibrin on implant stability.


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The effect of platelet-rich fibrin on biologic characteristics of osteoblasts.

Sun XL, Zhou YM, Zhao JH, Zheng L, Yang TT. Shanghai Kou Qiang Yi Xue. 2015 Feb;24

Efficacy of platelet rich fibrin in the reduction of the pain and swelling after impacted third molar surgery: randomized multicenter split-mouth clinical trial.


Enhancement of the repair of dog alveolar cleft by autologous iliac bone, bone marrow-derived mesenchymal stem cells and platelet-rich fibrin mixture.


Autologus Platelet Rich Fibrin aided Revascularization of an immature, non-vital permanent tooth with apical periodontitis: A case report.

Jadhav GR, Shah D, Raghvendra SS.
Comparative clinical evaluation of coronally advanced flap with or without platelet rich fibrin membrane in the treatment of isolated gingival recession.

Thamaraiselvan M, Elavarasu S, Thangakumaran S, Gadagi JS, Arthie T.
J Indian Soc Periodontol. 2015 Jan-Feb;19

Clinical and radiographic evaluation of nanocrystalline hydroxyapatite with or without platelet-rich fibrin membrane in the treatment of periodontal intrabony defects.

Elgendy EA, Abo Shady TE.
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Comparative evaluation of platelet-rich fibrin with demineralized freeze-dried bone allograft in periodontal intrabony defects: A randomized controlled clinical study.

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In vitro evaluation of mechanical properties of platelet-rich fibrin membrane and scanning electron microscopic examination of its surface characteristics.

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Chen YJ, Zhao YH, Zhao YJ, Liu NX, Lv X, Li Q, Chen FM, Zhang M.
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Novel use of platelet-rich fibrin matrix and MTA as an apical barrier in the management of a failed revascularization case.

Yadav P, Pruthi PJ, Naval RR, Talwar S, Verma M.
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Platelet Rich Fibrin with 1% Metformin for the Treatment of Intrabony Defects in Chronic Periodontitis: A Randomized Controlled Clinical Trial.


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Evaluation of intrabony defects treated with platelet-rich fibrin or autogenous bone graft: A comparative analysis.

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Micro-computed tomography and histomorphometric analysis of the effects of platelet-rich fibrin on bone regeneration in the rabbit calvarium.

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Influence of the association between platelet-rich fibrin and bovine bone on bone regeneration. A histomorphometric study in the calvaria of rats.


Evaluation of osteoblastic activity in extraction sockets treated with platelet-rich fibrin.


The heat-compression technique for the conversion of platelet-rich fibrin preparation to a barrier membrane with a reduced rate of biodegradation.


The combination use of platelet-rich fibrin and treated dentin matrix for tooth root regeneration by cell homing.
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The heat-compression technique for the conversion of platelet-rich fibrin preparation to a barrier membrane with a reduced rate of biodegradation.


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Direct implantation versus platelet-rich fibrin-embedded adipose-derived mesenchymal stem cells in treating rat acute myocardial infarction.

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Chen Y1, Niu Z2, Xue Y3, Yuan F4, Fu Y1, Bai N5.

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An innovative approach in the management of palatogingival groove using Biodentine™ and platelet-rich fibrin membrane.

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The influence of platelet-rich fibrin on angiogenesis in guided bone regeneration using xenogenic bone substitutes: A study of rabbit cranial defects.

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Management of bisphosphonate-related osteonecrosis of the jaw with a platelet-rich fibrin membrane: technical report.
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Clinical effectiveness of combining platelet rich fibrin with alloplastic bone substitute for the management of combined endodontic periodontal lesion.
Goyal L.
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Platelet rich fibrin - a novel acumen into regenerative endodontic therapy.
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Simultaneous sinus lift and implantation using platelet-rich fibrin as sole grafting material.
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Cat: Oral surgery / animal trial

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Bansal C, Bharli V.
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Bölükbasi N, Ersanli S, Keklikoglu N, Başeğmez C, Ozdemir T.
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Clinical Efficacy of Growth Factors to Enhance Tissue Repair in Oral and Maxillofacial Reconstruction: A Systematic Review.
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Antimicrobial properties of single-donor-derived, platelet-leukocyte fibrin for fistula occlusion: An in vitro study
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Department of Oral Medicine and Periodontology, Faculty of Dentistry, University of the Western Cape, Cape Town, South Africa. [9552379@uwc.ac.za](mailto:9552379@uwc.ac.za)
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