

عنوان مقاله:

Platelet-Rich Fibrin: An Autologous Fibrin Matrix in Surgical Procedures: A Case Report and Review of Literature

محل انتشار:

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خلاصه مقاله:

Introduction: The healing process after surgery is a challenging issue for surgeons. Various materials and techniques have been developed to facilitate this process and reduce its period. Fibrin adhesives are often used in cardiothoracic and vascular surgery to seal diffuse microvascular bleeding and in general and plastic surgery to seal wound borders. This Case report and literature review will introduce the various usages of platelet-rich fibrin in different surgical procedures and the method of producing the matrix. Case Report: A ۲۴-year old man with periorbital skin avulsion treated with PRF membrane has been reported and discussed in this paper. Conclusion: Platelet-rich fibrin is a natural autologous fibrin matrix, which can be produced with a simple blood sample and a table centrifuge. The material has been used in a wide range of surgical procedures to shorten the healing period and reduce post-surgical complications.

کلمات کلیدی:

Blood sample, Fibrin matrix, Healing, Platelet-rich fibrin, Surgery

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