

DAFTAR PUSTAKA

- Alves, R. D., Bezstarosti, K., Demmers, J. A. A., Eerden, B. C. J., Eijken, M., Leeuwen, J., dkk. (2011). Unraveling the human bone microenvironment beyond the classical extracellular matrix proteins : a human bone protein library. *Journal of Proteome Research*, vol. 10, pp. 4725–4733.
- Baevens, W., Glineur, R. & Avrard, L. (2010). The use of platelet concentrates: platelet-rich plasma (PRP) and platelet-rich fibrin (PRF) in bone reconstruction prior to dental implant surgery. pp. 521-527.
- Bahmanpour, S., Ghasemi, M., Sadeghi-Naini, M. & Khasani, I. R. (2016). Effects of platelet-rich plasma & platelet-rich fibrin with and without stromal cell-derived factor-1 on repairing full-thickness cartilage defects in knees of rabbits. *Iran Journal Medical Science*, vol.41(6), November.
- Becker, W., C, Clokie., L, Sennerby., Urist, M., BE, B. (1998). Histologic finding after implantation and evaluation of different grafting materials and titanium miro screws into extraction socket : case reports. *Journal Periodontal*, Volume 69. pp. 414-21.
- Carrico, Ana Claudia., Farracho, Marta., Nunes, Cecilia., Ruela, Ana Margarida., Semedo, Joao. (2007). Bone tissue engineering: production of scaffolds.
- Fawcett, D. W. (2002). *Buku Ajar Histologi*. EGC.
- Fisher, J. P. & Reddi, A. H. (2003). Functional Tissue Engineering of Bone: Signals and Scaffolds.
- Foster, T. E., Gerhardt, Michael B., Mandelbaum, Bert R., Puskas, Brian L., Rodeo, Scott A. (2009). Platelet-rich plasma from basic science to clinical applications. *The American Journal of Sports Medicine*, Vol. 37(11).
- Boden, S. D., Greenwald, A. S., Goldberg, V. M., Khan, Y., Laurencin, C. T., Roiser, R. N. (2003). Bone-graft substitutes: facts, fictions, & applications. *The Journal of Bone and Joint Surgery*, Volume. 83. Pp 98-103.
- Griffith, L. G. & Swartz, M. A. (2006). Capturing complex 3D tissue physiology in vitro.
- Hung, N. N. (2012). Basic knowledge of bone grafting.
- Fathima, G., Kumar, P., Vinitha, B. (2013). Bone graft in dentistry. *Journal Pharmacy Bioallied Science*. Pp 125-127.
- Kumar, P., Vinitha, B., & Fathima, G. (2013). Bone grafts in dentistry. *Journal of Pharmacy & Bioallied Sciences*. , 125-127.
- Mahanani, E. S. (2013). Perancah hidogel untuk aplikasi rekayasa jaringan tulang hydrogel scaffold for bone tissue engineering application .
- Mescher, A. L. (2012). *Histologi Dasar Junqueira*. EGC.
- Ganong, W. F. (2005). *Buku Ajar Fisiologi Kedokteran*. EGC.

- Narang, I., Mittal, N., & Mishra, N. (2015). A comparative evaluation of the blood clot, platelet-rich plasma, and platelet-rich fibrin in regeneration of necrotic immature permanent teeth: A clinical study. *Contemporary Clinical Dentistry*, 63-68.
- Preeja, c., & Arun, S. (2014). Platelet-rich fibrin: its role in periodontal regeneration.
- Knezevic, M., Marot, D., Novakovic, G. V. (2010). Bone tissue engineering with human stem cells. *Stem Cell Research & Therapy*.
- Miron, Richard J., Kobayashi, M. Fujioka., Bishara, Mark., Zhang, Y., Munar, M. D. L. (2006). Study of the physical and biological properties of three dimensional hydroxyapatite and α -tricalcium phosphate foam with interconnected pores.
- Murphy, C. M., O'brien, F. J., Little, D. G., Schindeler, A. (2013). Cell-scaffold interactions in the bone tissue engineering triad. *European Cells and Materials*, Vol.26. pp. 120 – 132.
- Raja, V. S. & Naidu, E. M. (2008). Platelet-rich fibrin: evolution of a second-generation platelet concentrate.
- Ratner, B. D., Hoffman, A. S., Schoen, F. J. & Lemons, J. E. (2013). Biomaterials science: An introduction to materials in medicine. *Elseveir*.
- Reynolds, M. A., Aichelman-Reidy, M. E. & Branch-Mays, G. L. (2010). Regeneration of periodontal tissue: bone replacement grafts.
- Serra, T. (2014). Development of 3d-printed biodegradable composite scaffolds for tissue engineering applications.
- Shimojo, A. A. M., Marcel, A. G., Brissac, I. C. D. S. & Santana, M. H. A. (2015). Performance of prp associated with porous chitosan as a composite scaffold for regenerative medicine. *Hindawi Publishing Corporation The Scientific World Journal*. Vol. 2015.
- Sheikh, Z., Sima, C., & Glogauer, M. (2015). Bone Replacement Materials and Techniques Used for Achieving Vertical Alveolar Bone Augmentation . *Materials* , 2953-2993.
- Matsui, M., Tabata, Y. (2012). Enhanced angiogenesis by multiple release of platelet-rich plasma contents and basic fibroblast growth factor from gelatin hydrogels. *Elsevier. Pp. 1792-1801*.
- Tandelilin, R. TC., Sofro, A. S. M., Santoso, A. S., Soesatyo, M. HNE., Asmara, W. (2006). The density of collagen fiber in alveolus mandibular bone of rabbit after augmentation with powder demineralized bone matrix postincisivus extraction. *Majalah kedokteran gigi(Dent J)*. Vol.39(2). Pp. 43-47.
- Tatullo, (2012). Platelet rich fibrin (PRF.) In reconstructive surgery of atrophied maxillary bones: clinical and histological evaluations.
- Toffler, M., Toscano, N., Holtzclaw, D., Corso, M. D., Ehrenfest, D. D. (2009). Introducing choukroun's platelet richfibrin (prf) to the reconstructive surgery milieu. *The Journal of Implant & Advanced Clinical Dentistry*.
- Tommila, M. (2010). Granulation tissue formation: the effect of hydroxyapatite coating of cellulose on cellular differentiation.

- Wan, Y., Yu, A., Wu, H. & Wang, Z. (2005). Porous-conductive chitosan scaffolds for tissue engineering ii. In vitro and in vivo degradation. *Journal Of Materials Science: Materials In Medicine*. Pp. 1017-1028.
- Wattanutchariya, W. & Changkowchai, W. (2014). Characterization of porous scaffold from chitosan-gelatin/hydroxyapatite for bone grafting. *International Multi Conference of Engineers and Computer Scientists*. Vol. 2.
- Wu, L. & Ding, J. (2004). In vitro degradation of three-dimensional porous poly (d,l-lactide-co-glycolide) scaffold for tissue engineering. *Elsevier*. pp. 5821-5830.
- Fernandes, G., & Yang, S. (2016). Application of platelet-rich plasma with stem cells in bone and periodontal tissue engineering. *Nature*.
- O'brien, F. J. (2011). Biomaterials & scaffolds for tissue engineering.
- Guillemin, G., & Patat, J. L. (1987). The use of coral as a bone graft substitute.
- Giannini, S., Cielo, A., Bonanome, L., Rastelli, C., Derla, C., Corpaci, F., & Falisi, G. (2015). Comparison between PRP, PRGF and PRF: lights and shadows in three similar but different protocols.
- He, L., Lin, Y., Hu, X., Zhang, Y., & Wu, H. (2009). A comparative study of platelet-rich fibrin (PRF) and platelet-rich plasma (PRP) on the effect of proliferation and differentiation of rat osteoblasts in vitro.
- Li, Q., Reed, D. A., Min, L., Gopinatha, G., Li, S., Dangaria, S. J., Li, L., Geng, Y., Galang, M. T., Gajendrareddy, P., Zhou, Y., Luan, X., and Diekwiisch, T. G. H. (2014). Lyophilized Platelet-Rich Fibrin (PRF) Promotes Craniofacial Bone Regeneration through Runx2.
- S'anchez-Gonz'alez, D. J., M'endez-Bolaina, E., & Trejo-Bahena, N. I. (2012). Platelet-Rich Plasma Peptides: Key for Regeneration.
- Hernandez, M., Choukroun, J. (2017). Platelet-Rich Fibrin ans Soft Tissue Wound Healing: A systematic review.
- Sam, G., Vadakkekuttical, R. J., & Amol, N. V. (2015). *In vitro* evaluation of mechanical properties of platelet-rich fibrin membrane and scanning electron microscopic examination of its surface characteristics.
- Dohan, D. M., Bielecki, T., Jimbo, R., Barbé, G., Corso, M. D., Inchingolo, F., & Sammartino, G. (2012). Do the Fibrin Architecture and Leukocyte Content Influence the Growth Factor Release of Platelet Concentrates? An Evidence-based Answer Comparing a Pure Platelet-Rich Plasma (P-PRP) Gel and a Leukocyte- and Platelet-Rich Fibrin (L-PRF).