DAFTAR PUSTAKA

Al-Ghamdi H, Mokeem SA, Anil S. *Current concepts in alveolar bone augmentation: a critical appraisal*. Saudi Dent J. 2007; 19(2): 74–90.

Ardhiyanto, H. (2011). Peran Hidroksiapatit Sebagai *Bone Graft* Dalam Proses Penyembuhan Tulang. *Stomatognatic* (J.K.G Unej), 8(2), pp.118-121.

Baharuddin, N., Kamin, S. and Samsuddin, A. (2003). *The Use Demineralized Freeze-Dried Bovine Bone Xenograft In Reducing Post-Surgical Periodontal Pocket Depth*. *Annals of Dentistry*, 10(1), pp.33-37.

Bar-Shavit, Z. (2007). *The osteoclast: A multinucleated, hematopoietic-origin, bone-resorbing osteoimmune cell*. *Journal of Cellular Biochemistry*, 102(5), pp.1130-1139.

Bio-Rad. (2019). Types of ELISA | Bio-Rad. [online] Available at: https://www.bio-rad-antibodies.com/elisa-types-direct-indirect-sandwich-competition-elisa-formats.html [Accessed 2 May 2019].

Boyce, T. (2016). *Formulated Demineralized Bone Grafts for Skeletal Applications*. *Biomechanics and Biomaterials in Orthopedics*, pp.95-113.

Campana, V., Milano, G., Pagano, E., Barba, M., Cicione, C., Salonna, G., Lattanzi, W. and Logroscino, G. (2014). *Bone substitutes in orthopaedic surgery: from basic science to clinical practice*. *Journal of Materials Science: Materials in Medicine*, 25(10), pp.2445-2461.

Caneva Marco, Daniele Botticelli, Fabio Pantani, Gabriele M. Baffone, Idelmo Garcia Rangel Jr, dan Niklaus P. Lang. 2011. *Deproteinized bovine bone mineral in marginal defects at implants installed immediately into extraction sockets: an experimental study in dogs.*

Ferdiansyah, Rushadi, D., Rantam, F. and Aulani'am (2011). *Regeneration of Massive Bone Defect with Bovine Hydroxyapatite as Scaffold of Mesenchymal Stem Cells*. JBP, 13(3).

Florencio-Silva, R., Sasso, G., Sasso-Cerri, E., Simões, M. and Cerri, P. (2015). *Biology of Bone Tissue: Structure, Function, and Factors That Influence Bone Cells*. *BioMed Research International*, 2015, pp.1-17.

Fonseca, R. 2018. Oral and Maxillofacial Surgery. 3rd ed. St. Louis, Missouri: Elsevier.

Grabowski, P. (2009). *Physiology of Bone*. *Calcium and Bone Disorders in Children and Adolescents*, pp.32-48.

Hikmah, N. (2015). Profil Osteoblas dan Osteoklas Tulang Alveolar Pada Model Tikus Diabetes Tahap Awal dengan Aplikasi gaya Ortodonti yang Berbeda. *el–Hayah*, 5(2), p.97.

Hardhani PR, Lastianny SP, Herawati D, 2013. Penambalan *platelet-rich plasma* pada Cangkok Tulang terhadap Kadar Osteocalcin Cairan Sulkus Gingiva pada Terapi Poket Infraboni. *Jurnal PDGI* vol 62: 75-82.

Hung NN, 2012.*Basic Knowledge of Bone grafting. Thesis, Hanoi Medical University*.

Ito, Y. (2016). *Engineered Bone Morphogenetic Protein for Hard Tissue Engineering*. *Electrically Active Materials for Medical Devices*, pp.51-62.

Jimi, E., Hirata, S., Osawa, K., Terashita, M., Kitamura, C. and Fukushima, H. (2012). *The Current and Future Therapies of Bone Regeneration to Repair Bone Defects*. *International Journal of Dentistry*, 2012, pp.1-7.

Kalfas, I. (2001). Principles of bone healing. *Neurosurgical Focus*, 10(4), pp.1-4.

Kenkre, J. and Bassett, J. (2018). *The bone remodelling cycle*. *Annals of Clinical Biochemistry: International Journal of Laboratory Medicine*, 55(3), pp.308-327.

Kheirallah, M. and Almeshaly, H. (2016). *Bone Graft Substitutes for Bone Defect Regeneration. A Collective Review*. *Int J Dentistry Oral Sci*, 03(5), pp.247-257.

Kumar, P., Fathima, G. and Vinitha, B. (2013). *Bone grafts in dentistry*. *Journal of Pharmacy and Bioallied Sciences*, 5(5), p.125.

Li, H., Pujic, Z., Xiao, Y. and Artold, P. (2000). Identification of Bone Morphogenetic Proteins 2 and 4 in Commercial Demineralized Freeze-dried Bone Allograft Preparations: Pilot Study. *Clinical Implant Dentistry and Related Research*, 2(2), pp.110-117.

Mahyudin, F., Utomo, D., Suroto, H., Martanto, T., Edward, M. and Gaol, I. (2017). *Comparative Effectiveness of Bone Grafting Using Xenograft Freeze-Dried Cortical Bovine, Allograft Freeze-Dried Cortical New Zealand White Rabbit, Xenograft Hydroxyapatite Bovine, and Xenograft Demineralized Bone*

Matrix Bovine in Bone Defect of Femoral Diaphysis of White Rabbit: Experimental Study In Vivo. *International Journal of Biomaterials*, 2017, pp.1-9.

Mohamed, A. (2008). *An Overview of Bone Cells and Their Regulating Factors of Differentiation*. *Malaysian Journal of Medical Sciences*, 15(1), pp.4-12.

Nakashima, M. and Reddi, A. (2003). *The application of bone morphogenetic proteins to dental tissue engineering. Nature Biotechnology*, 21(9), pp.1025-1032.

Pietrzak, W., Ali, S., Chitturi, D., Jacob, M. and Woodell-May, J. (2009). *BMP depletion occurs during prolonged acid demineralization of bone: characterization and implications for graft preparation*. *Cell and Tissue Banking*, 12(2), pp.81-88.

Raggatt, L. and Partridge, N. (2010). *Cellular and Molecular Mechanisms of Bone Remodeling*. *Journal of Biological Chemistry*, 285(33), pp.25103-25108.

Rokn, A., Moslemi, N., Eslami, B., Abadi, H. and Paknejad, M. (2012). *Histologic Evaluation of Bone Healing Following Application of Anorganic Bovine Bone and β-tricalcium Phosphate in Rabbit Calvaria*. *Tehran University of Medical Sciences*, 9(1), pp.35-40.

Rose, F., Hou, Q. and Oreffo, R. (2004). *Delivery systems for bone growth factors - the new players in skeletal regeneration*. *Journal of Pharmacy and Pharmacology*, 56(4), pp.415-427.

Rucci, N. (2008). *Molecular biology of bone remodelling*. *Clinical Cases in Mineral and Bone Metabolism*, 5(1), pp.49-56.

Shah, K. and Maghsoudlou, P. (2016). *Enzyme-linked immunosorbent assay (ELISA): the basics. British Journal of Hospital Medicine*, 77(7), pp.C98-C101.

Singh, J., Takhar, R. K., Bhatia, A., dan Goel, A. (2016). *Bone Graft Materials : Dental Aspects*. *Journal of Novel Research in Healthcare and Nursing*, *3*(1), 99–103.

Solheim, E. (1998). *Growth factors in bone*. *International Orthopaedics (SICOT)*, 22, pp.410–416.

Sopory, S., Nelsen, S., Degnin, C., Wong, C. and Christian, J. (2006). Regulation of Bone Morphogenetic Protein-4 Activity by Sequence Elements within the Prodomain. *Journal of Biological Chemistry*, 281(45), pp.34021-34031.

Stegen S, et al, Bringing new life to damaged bone: The importance of angiogenesis in bone repair and regeneration, Bone (2014), http://dx.doi.org/10.1016/j.bone.2014.09.017

Taub, P., Patel, P., Buchman, S. and Cohen, M. (2015). *Ferraro's fundamentals of maxillofacial surgery*. 2nd ed. New York: Springer

Torres J, Tamimi F, Alkhraisat M, Prados-Frutos JC, Lopez-Cabarcos E, 2011. *Bone Substitutes*. Chapter September : 91-108.

V. Benezra Rosen, L.W.Hobbs, and M. Spector, "T*he ultrastructure of anorganic bovine bone and selected synthetic hyroxyapatites used as bone graft substitute materials*," *Biomaterials*, vol. 23, no. 3, pp. 921–928, 2002.

Vukicevic, S. and Sampath, K. (2004). *Bone Morphogenetic Proteins: Regeneration of Bone and Beyond*. Basel: Birkhäuser Basel.

Wildemann, B., Kadow-Romacker, A., Pruss, A., Haas, N. and Schmidmaier, G. (2006). *Quantification of growth factors in allogenic bone grafts extracted with three different methods*. *Cell and Tissue Banking*, 8(2), pp.107-114.