DAFTAR PUSTAKA

Aksel, H., Öztürk, Ş., Serper, A. and Ulubayram, K., 2018. VEGF/BMP-2 loaded three-dimensional model for enhanced angiogenic and odontogenic potential of dental pulp stem cells. *International endodontic journal*, *51*(4), p.428.

Almazrooa, S., Noonan, V. and Woo, S. (2014). Resorbable collagen membranes: histopathologic features. 118(2), pp.238-239.

Barbeck, M., Lorenz, J., Kubesch, A., Bohm, N., Booms, P., Choukroun, J., Sader, R., Kirkpatrick, C. and Ghanaati, S. (2015). Porcine Dermis-Derived Collagen Membranes Induce Implantation Bed Vascularization Via Multinucleated Giant Cells: A Physiological Reaction?. *Journal of Oral Implantology*, 41(6), pp.238-239.

Baum, C. and Arpey, C. (2006). Normal Cutaneous Wound Healing: Clinical Correlation with Cellular and Molecular Events. *Dermatologic Surgery*, 31(6), pp.674-676.

Dong, C. and Lv, Y. (2016). Application of Collagen Scaffold in Tissue Engineering: Recent Advances and New Perspectives. *Polymers*, 8(42), pp.1-5.

Corinaldesi, G., Lizio, G., Badiali, G., Morselli-Labate, Antonio M. & Marchetti, C., 2011. Treatment of Intrabony Defects After Impacted Mandibular Third Molar Removal With Bioabsorbable and Non-Resorbable Membranes. 82(10), pp. 1404-1413.

Davis, J. R., 2004. Introduction to Tensile Testing. In: *Tensile Testing, Second Edition*. Ohio: ASM International, pp. 1-279.

Elgali, I., Omar, O., Dahlin, C. & Thomsen, P., 2017. Guided bone regeneration: materials and biological mechanisms revisited. 125(5), pp. 315-337.

Faler, B., Macsata, R., Plummer, D., Mishra, L. and Sidawy, A. (2006). Transforming Growth Factor-β and Wound Healing. *Perspectives in Vascular Surgery and Endovascular Therapy*, 18(1), pp.55-56.

Farzad, M. & Mohammadi, M. (2012). Guided bone regeneration: A literature review. *J Oral Health Oral Epidemiol*, 1(1), pp.3-4.

Ferdiansyah, Rushadi, D., Rantam, F. A. & Aulani'am, 2011. Regeneration of Massive Bone Defect with Bovine Hydroxyapatite as Scaffold of Mesenchymal Stem Cells. *Journal Universitas Airlangga,* Volume 13, pp. 179-195.

Galindo-Moreno, P., Hernández-Cortés, P., Mesa, F., Carranza, N., Juodzbalys, G., Aguilar, M. & O'Valle, F., 2012. Slow Resorption of Anorganic Bovine Bone by Osteoclasts in Maxillary Sinus Augmentation. 15(6), pp. 858-866.

Gielkens, Pepijn F. M., Schortinghuis, J., Jong, J. R., Raghoebar, G. M., Stegenga, B. & Bos, R. R. M., 2008. Vivosorbs, Bio-Gides, and Gore-Texs as barrier membranes in rat mandibular defects: an evaluation by microradiography and micro-CT. 19(5), pp. 516-521.

Gomes, M. F., Anjos, M. J. d. S. d., Nogueira, T. d. O. & Guimarães, S. A. C., 2001. Histologic Evaluation of the Osteoinductive Property of Autogenous Demineralized Dentin Matrix on Surgical Bone Defects in Rabbit Skulls Using Human Amniotic Membrane for Guided Bone Regeneration. *The International Journal of Oral & Maxillofacial Implants ,* Volume 16, p. 563.

Hart, P. S. & Hart, T. C., 2007. Disorders of Human Dentin. Volume 186, pp. 70-71.

Hilmi, A. R. & Pratapa, S., 2016. Sifat Termomekanik Komposit PEG/SiO2 Amorf Menggunakan Dynamic Mechanical Analyzer (DMA). *Jurnal Sains dan Seni ITS*, 5(2), pp. 125-128

Hitti, R. A. & Kerns, D. G., 2011. Guided Bone Regeneration in the Oral Cavity: A Review. *The Open Pathology Journal,* Volume 5, pp. 33-45.

Kamadjaja, D. B., Harijadi, A., Soesilawati, P., Wahyuni, E., Maulidah, N., Fauzi, A., Ayu, F. R., Simanjuntak, R., R.Soesanto., Asmara, D., Rizqiawan, A., Agus, P. & Pramono, C., 2017. Demineralized Freeze-Dried Bovine Cortical Bone: Its Potential for Guided Bone Regeneration Membrane. *International Journal of Dentistry*, pp. 1-9.

Kartikasari, N., Yuliati, A. & Listiana, I., 2016. Compressive strength and porosity tests on bovine hydroxyapatitegelatin-chitosan scaffolds. 49(3), pp. 153-157.

Leoni, G., Neumann, P., Sumagin, R., Denning, T. and Nusrat, A. (2015). Wound repair: role of immune–epithelial interactions. *Mucosal Immunology*, 8(5), pp.959-960.

Lieberman, J. R., Daluiski, A. & Einhorn, T. A., 2002. The Role of Growth Factors in the Repair of Bone. *The Journal Of Bone And Joint Surgery,* 84(6), pp. 1032-1034.

Liu, J. & Kerns, D. G., 2014. Mechanisms of Guided Bone Regeneration: A Review. *The Open Dentistry Journal,* Volume 8, pp. 56-65.

Li, Y., Chen, S. K., Li, L., Qin, L., Wang, X. L. & Lai, Y. X., 2015. Bone Defect Animal Models for Testing Efficacy of Bone Substitute Biomaterials. *Elsevier,* pp. 96-104.

Mauro, M., Marco, M., Giorgia, M., Umberto, P., Eugenia, R. and Michele, N. (2015). Comparing membranes and bone substitutes in a one-stage procedure for horizontal bone augmentation. A double-blind randomised controlled trial. *International Journal of Oral Implantology*, 8(3), p.271.

Melo, T. A. F. d., Grundling, G. S. L., Montagner, F., Scarparo, R. K., Figueiredo, J. A. P. d. & Vier-Pelisser, F. V., 2015. Are bovine teeth a suitable substitute for human teeth in in vitro studies to assess endotoxin load in root canals?. 29(1), pp. 1-6.

Moses, O., Pitaru, S., Artzi, Z. & Nemcovsky, C. E., 2005. Healing of dehiscence-type defects in implants placed together with different barrier membranes: a comparative clinical study. 16(2), pp. 210-219.

Murata, M., Akazawa, T., Mitsugi, M., Um, I. W., Kim, K. W. & Kim, Y. K., 2011. Human Dentin as Novel Biomaterial for Bone Regeneration. In: *Biomaterials - Physics and Chemistry.* s.l.:s.n., pp. 127-130.

Ortolani, E., Quadrini, F., Bellisario, D., Santo, L., Polimeni, A. & Santarsiero, A., 2015. Mechanical qualification of collagen membranes used in dentistry. 51(3), pp. 229-235.

Paul, W. & Sharma, C., 2018. Natural bioresorbable polymers. pp. 67-94.

Pimentel, E., 2015. Existing methods for *swelling* tests – a critical review. pp. 96-105.

Reis-Filho, C. R.; Silva, E. R., Martins, A. B., Pessoa, F. F., Gomes, P.V.N., Araujo, M. S.C. d. Miziara, M. N. & Alves, J., 2012. Demineralised human dentin matrix stimulates the expression of VEGF and accelerates the bone repair in tooth sockets of rats. Volume 57, pp. 469-476.

Retzepi, M. & Donos, N., 2010. Guided Bone Regeneration: biological principle and therapeutic applications. 21(6), pp. 567-576.

Rothamel, D., 2014. Jason® membrane collprotect® membrane Natural collagen membranes for GBR/GTR. Volume 8, pp. 1-24.

Santo, L., Quadrini, F., Bellisario, D., Polimeni, A. & Santarsiero, A., 2018. Variability of Mechanical Properties of Collagen Membranes used in Dentistry. 55(4), pp. 488-493.

Selders, G., Fetz, A., Radic, M. and Bowlin, G. (2017). An overview of the role of neutrophils in innate immunity, inflammation and host-biomaterial integration. *Regenerative Biomaterials*, 4(1), pp.55-57.

Sheikh, Z., Hamdan, N., Ikeda, Y., Grynpas, M., Ganss, B. & Glogauer, M., 2017. Natural graft tissues and synthetic biomaterials for periodontal and alveolar bone reconstructive applications: a review. 21(9), pp. 1-20.

Sugiaman, V. (2011). Topical Application of Aloe Vera (Linn.) to Accelerate the Healing Process of the Wound on the Oral Mucosa. *JKM*, 11(1), pp.72-73.

Tal, H., Moses, O., Kozlovsky, A. & Nemcovsky, C., 2012. Bioresorbable Collagen Membranes for Guided Bone Regeneration. In: *Bone Regeneration.* s.l.:InTech, pp. 111-138.

Tangsadthakun, C., Kanokpanont, S., Sanchavanakit, N., Banaprasert, T. & Damrongsakkul, S., 2006. Properties of Collagen/Chitosan Scaffolds for Skin Tissue Engineering. 16(1), pp. 37-44.

Triono, P. & Murinto, 2015. Aplikasi Pengolahan Citra Untuk Mendeteksi Fraktur Tulang Dengan Metode Deteksi Tepi Canny. 9(2), pp. 1115-1123.

Wahyuni, E., 2016. Uji Biokompatibilitas In Vitro Demineralized Freeze Dried Bovine Cortical Bone Membrane (DFDBCBM). pp. 1-57.

Wang, J., Wang, L., Zhou, Z., Lai, H., Xu, P., Liao, L. & Wei, J., 2016. Biodegradable Polymer Membranes Applied in Guided Bone/Tissue Regeneration: A Review. 8(4), pp. 1-20.

Widbiller, M., Eidt, A., Lindner, S.R., Hiller, K.A., Schweikl, H., Buchalla, W. and Galler, K.M., 2018. Dentine matrix proteins: isolation and effects on human pulp cells. *International endodontic journal*, *51*, pp.e279-e280.

Woon, L. S. & Gon, K. S., 2014. Membranes for the Guided Bone Regeneration. 36(6), pp. 239-246.

Zhang, Y., Zhang, X., Shi, B. & Miron, R., 2013. Membranes for guided tissue and bone regeneration. 1(1), pp. 1-7.