

DAFTAR PUSTAKA

- [1] Joint Approach : “The Latest News on Hip, Knee, Ankle, Elbow and Shoulder Joint Replacements from the National Joint Registry”.
<https://research.ncl.ac.uk/metalhip/links/>. Diakses pada 4 Mei 2017, pukul 3:08 WIB
- [2] Niinomi, M., Nakai, M. 2011. “Titanium-Based Biomaterials for Preventing Stress Shielding between Implant Devices and Bone”. International Journal of Biomaterials.
- [3] Ardhy, Sanny, Gunawarman dan Jon Affi. 2015. “Perilaku Korosi Titanium dalam Larutan Modifikasi Saliva Buatan untuk Aplikasi Ortodontik”. *Jurnal Mekanikal Universitas Tadulako* Vol.6, No. 2 (Juli 2015): 585-593.
- [4] Martin, S.J, Reutelingsperger, C.P.M., McGahon, A.J., Rader, J.A., van Schie, R.C.A.A, LaFace, D.M., Green, D.R. 1995. “Early Redistribution of Plasma Membrane Phosphatidylserine is a General Feature of Apoptosis Regardless of the Initiating Stimulus: Inhibition by Overexpression of Bcl-2 and Ab1”. *J Exp Med.* 182:1545-1556.
- [5] W. Friess. 1997. “Collagen – biomaterial for drug delivery”. European Journal of Pharmaceutics and Biopharmaceutics 45 (1998) : 113–136.
- [6] Rautray, Tapash R.; R.Narayanan; Kim, Kyo-Han. “Ion Implantation of Titanium based Biomaterials”. *Progress in Material Science* 56(2011) 1137-1177.
- [7] Reohlecke C, M. Witt, M. Kasper, E. Schulze, C. Wolf, A. Hofer. 2001. “Synergistic Effect Titanium Alloy and Collagen Type I on Cell Adhesion, Proliferation, and Differentiation of Osteoblast-Like Cell Tissue Oran”. *Karger Jounal.* 168: 178-187
- [8] Rammelt, S.; Illert, T.; Bierbaum, S.; Scharnweber, D.; Zwipp, H.; Schneiders, W. 2006. “Coating of Titanium Implants with Collagen, RGD Peptide and Chondroitin Sulfate”. *Biomaterials*, 27, 5561–5571.

- [9] Takeuchi Y, Nakayama K, Matsumoto T. 1996. "Differentiation and cell surface expression of transforming growth factor-b receptors are regulated by interactions with matrix collagen in murine osteoblastic cells". *J Biol Chem.* 271:3938-3944.
- [10] Takeuchi Y, Suzawa M, Kikuchi T, Nishida E, Fujita T, Matsumoto T. 1997. "Differentiation and Transforming Growth Factor-B Receptor Down-Regulation By Collagen-A1b1 Integrin Interaction is Mediated by Focal Adhesion Kinase and Its Downstream Signals in Murine Osteoblastic Cells". *J Biol Chem.* 272:29309- 29316.
- [10] Qizhi Chen; Thouas, GeorgeA. "Metallic Implant Biomaterials". Australia:Department of Materials Engineering. Monash University.2014.
- [11] LeGeros, R.Z. & R.G. Craig. 1993. "Strategies to Affect Bone Remodelling: Osteointegration". *J Bone Miner Res.* 8(2):583-96.
- [12] Vacarri. John. (2002). *Material Hand Book*. Mc-Graw Hill.
- [13] Sidik Katili, Abubakar. 2009. "Strukur dan Fungsi Kolagen.". Jurnal Pelangi Ilmu No.2 Volume 5 (Mei:2017)
- [13] Price, S. A., Wilson, L. M. 1994. "Pathophysiology Clinical Concepts of Disease Processes". Jakarta: EGC
- [14] Kurnia, Nadia. 2015."Perbedaan Nilai Range Of Motion (Rom) Sendi Ektremitas Atas Sebelum dan Sesudah Pelatihan Senam Lansia Menpora Pada Kelompok Lansia Kemuning Banyumanik,Semarang"
<http://ejournal-s1.undip.ac.id/index.php/medico/article/view/10123/9830>.
Diakses pada tanggal 4 Mei 2017, pukul 00:47 WIB
- [15] Corrosion: Introduction – Definitions and Types
<http://nptel.ac.in/courses/113108051/module1/lecture1.pdf>
Diakses pada 4 Mei 2017, pukul 1:54 WIB
- [16] Roberge, Pierre R. 1999. "Handbook of Corrosion Engineering ". New York: McGraw-Hill Companies, Inc

- [17] Eliades G, Eliades T, Brantley WA, Watts DC. “*Dental material in vivo: aging and related phenomena*”. Quintessence Pub: 2003 : 144 – 6.
- [18] Ratner, B.D., A.S. Hoffman, F.J. Schoen, & J.E. Lemons. 2004. “*Biomaterials Science*”. 2nd ed. Elsevier: San Diego, CA, USA.
- [19] Fontana, Mars G. “*Corrosion Engineering, 3rd Edition*”. Houston : McGraw-Hill, 1986.
- [20] Jones, Denny. 1992. “*Principles and Prevention of Corrosion*”. New York: Macmillan Publishing Company
- [21] Tippelt, S., Ma, C., Witt, M., Bierbaum, S., Funk, R.H.W. 2004. “*Collagen Type I Prevents Glyoxal-Induced Apoptosis in Osteoblastic Cells Cultured on Titanium Alloy*”. *Cell Tissues Organ.* 177: 29-36
- [22] Nurbaiti, Gunawarman, dan Jon Affi. 2017. “Perilaku Korosi Titanium Tipe β Jenis Baru, Ti-12Cr dalam Lingkungan 3% NaCl”. *Jurnal Mekanikal Universitas Andalas Vol.8, No.1 (Januari:2017)*

