

DAFTAR PUSTAKA

- [1] Hartono M. *Mencegah dan Mengobati Osteoporosis*. Jakarta : Puspa Swara, 2004 ; Hal V
- [2] Chen et al. Biocompatibility of Electrophoretical Deposition of Nanostructured Hydroxyapatite Coating on Roughen Titanium Surface. Wiley InterScience. Journal of Biomedical Materials Research Part B: Applied Biomaterials. 2006.
- [3] Levingstone. J. *Optimisation of Plasma Sprayed Hydroxyapatite Coatings*. School of Mechanical and Manufacturing Engineering. Dublin City University, Ireland.
- [4] Fauzi, Vania Raissa, 2016. Pelapisan *Hydroxiapatite* Pada Titanium Paduan dengan Metode *Electrophoretic Deposition* sebagai Pengganti Fungsi Akar Gigi. Universitas Andalas. Padang
- [5] Oktaviana, Dili. 2017. Pelapisan *Hydroxiapatite Bilayer* pada Titanium Paduan (Ti6Al4V) ELI dengan Metode *Electrophoretic Deposition* sebagai Implan pada Jaringan Tulang. Universitas Andalas. Padang
- [6] Sontang M. 2000. Optimasi *Hydroxyapatite* dalam Tulang Sapi Melalui Proses *Sintering*. Depok. Universitas Indonesia
- [7] Universitas Gadjadara. *Material Implan dan Maksilofasal pdf*
- [8] Cavanaugh G, Perron J. *Nano Materials for Bone Implants*.
- [9] Arcam . — *Ti-6Al-4V ELI - Titanium Alloy*
- [10] Jaffe, W.L. & D.F. Scott. 1996. *Total Hip Arthroplasty with Hydroxyapatite-Coated Prostheses*. *J Bone & Joint Surg*. 78: 1918-34
- [11] Koklubo, T., H.M. Kim, & M. Kawashita. 2003. Novel Bioactive Materials with Different Mechanical Properties. *Biomaterials*. 13: 2161-2175.
- [12] Brossa, F., A. Cigada, R. Chiesa, L. Paracchini, & C. Consonni. Adhesion Properties of Plasma Sprayed Hydroxyapatite Coatings for Orthopaedic Prostheses. *Biomed Mater Eng*. 1993: 3:127-136.
- [13] Matsuura, T., R. Hosokawa, K. Okamoto, T. Kimoto, & Y. Akagawa. 2000. Diverse Mechanisms of Osteoblast Spreading on Hydroxyapatite & Titanium. *Biomaterials*. 21:1121-7.
- [14] Subhaini, Ellyza Herda. 2008. *Perlakuan pada Permukaan Titanium Implan untuk Mendapatkan Osseointegrasi (Vol. 13, No.1, 28-23)*. Banda Aceh.
- [15] Suryadi. 2011. *Sintesis dan Karakterisasi Biomaterial Hidroksiapatit dengan Proses Pengendapan Kimia Basah*. Universitas Indonesia : Depok..

- [16] Mohanty G, Besra L, Bhattacharjee S, Singh BP. 2008. *Optimization of Electrophoretic Deposition of Alumina Onto Steel Substrates From Its Suspension in Isopropanol Using Statistical Design of Experiments*. Mater Res Bull 43: 1814-1828.
- [17] Mondragon-Cortez P, Vargaz-Guiterrez G. 2004. *Electrophoretic Deposition of Hydroxyapatite Submicron Particles at High Voltages*. Mater Lett 58: 1336-1339
- [18] Kesemenli C, Subasi M, Necmioglu S, Kapukaya A. 2002. *Treatment of multifragmentary fractures of the femur by indirect reduction (biological) and plate fixation*. Injury 33: 691-699.
- [19] Yuan, Q. 2009. "Electrochemical study of hydroxyapatite coatings on stainless steel substrates". Thin Solid Films 518: 55-60.
- [20] Barsoum, Michel W. 2003. *Fundamentals of Ceramics*. Department of Material Engineering. Drexel University. USA
- [21] Lia Aprilia, dkk. 2010. *Preparasi Lapisan Hidroksiapatit pada Substrat Stainless Steel 316 dengan Metode Deposisi Elektroforesis*. Pusat Teknologi Material, BPPT
- [22] Ruys A.J., Wei M., Sorrell C.C., Dickson M.R. Brandwood A, Milthrope B.K. 1995. Effects on The Strength of Hydroxyapatite. *Biomaterials* 16: 409.
- [23] Karl, Erik Thening. 1984. *Steel and Its Heat Treatment* (second edition). Butterworths. London
- [24] Sridhar. Kamachi Mudali, M. Subbaiyan. Sintering atmosphere and temperature effects on hydroxyapatite coated type 316L stainless steel. 2003. University of Madras. India

