

DAFTAR REFERENSI

1. Laschke MW, Witt K, Pohlemann T, Menger MD. Injectable nanocrystalline hydroxyapatite paste for bone substitution: in vivo analysis of biocompatibility and vascularization. *Journal of Biomedical Materials Research Part B: Applied Materials*. 2007 February 5; 494-505.
2. Grisdale J. The Clinical Applications of Synthetic Bone Alloplast. *J. Can. Dent. Assoc* 1999; 65: 559-62
3. Garg AK. In : Lynch SE, Robert G, Robert EM, editors.. *Tissue Engineering: Applications in Maxillofacial Surgery and Periodontics*. Illinois: Quintessence Public Inc; 1999. p.83-9
4. Ratajska M, Haberko K, Ciechanska D, Niekraszewics A, Kucharska M. Hydroxyapatite-chitosan biocompatibilities. *Polish Chitin Society*. 2008: 89-94.
5. Bell, William H. *Modern Practice In Orthognathic And Reconstructive Surgery*. Philadhelpia: Saunders; 1999. 2: 832-851
6. Peterson, LJ. Ellis, Edward, III. Hupp, JR. Tucker, MR. *Oral and Maxillofacial Surgery*. 3rd ed; 1989 .14: 329-330; 28: 680-684.
7. Kitosan [diunduh 12 Agustust 2008] Available from: <http://pkukmweb.ukm.my/~mbz/kitosan/kitosan.html>
8. Hamilton V. An in vitro evaluation of chitosan as a biomaterial focusing on the effects of the degree of deacetylation. [serial online] 2004 [diunduh 2 Desember 2008]: Mississippi State University. Available From: http://sun.library.msstate.edu/ETD-db/theses/available/etd-11272004-215253/unrestricted/thesis_vh4.pdf
9. Granja PL, Silva AIN, Borges JP, Barrias CC, Amaral IF. Preparation and characterization of injectable chitosan-hydroxyapatite microspheres. *Key Engineering* 2008.

10. Leeson CR, Leeson ST, Paparo AA. *Buku Ajar Histologi*. Jakarta: EGC; 1989. P.138-139.
11. John P. Blezekian, Lawrence G. Raisz, Gideon A. Roland. *Principles of Bone Biology*. London: Academic Press; 1996. 1: 3; 5: 51; 15: 197.
12. Eroschenko, VP. *Atlas histologi di Fiore*. 9th ed. Jakarta: EGC; 2003. p. 52.
13. Junqueira CL. Carneiro J. Kelley RO. *Histologi Dasar* (Yan Tambayong, Pnerjemah).ed 8. Jakarta: EGC; 2003. p.136-156.
14. Nanci A. *Ten Cate's Oral Histology: development, structure, and function*. 6th ed. St. Louis: Mosby; 2003. p. 115-9.
15. Fonseca RJ. *Oral and Maxillofacial Surgery*. Philadhelpia: Saunders; 2000. p.32-51.
16. Lindhe J, Karring T, Lanng NP. *Clinical periodontology and implant dentistry*. 4th ed. UK: Blackwell Munksgaard; 2003. p. 866-893.
17. Schenk RK. In: Buser D, Christer, Dahlin & Schenk, Robert K. editor. *Guided bone regeneration in implant dentistry*. St. Louis: Quintessence Publishing Co, Inc; 1994. p. 40-77.
18. Bone Remodeling [diunduh 25 Juli 2008]. Available from: www.dent-artcenter.com
19. Fonseca RJ. *Oral and Maxillofacial Surgery*. Philadhelpia: Saunders; 2000. p.3,9,10.
20. Hill PA. Bone Remodelling. *British Journal of Orthodontics* 1998; 25. 101-107.
21. Bone remodeling [diunduh 8 November 2008] Available from: [www.nd.edu/\(malber/multi_scale_06/bone.pdf](http://www.nd.edu/(malber/multi_scale_06/bone.pdf)

22. Laschke MW, Witt K, Pohlemann T, Menger MD. Injectable nanocrystalline hydroxyapatite paste for bone substitution: in vivo analysis of biocompatibility and vascularization. *Journal of Biomedical Materials Research Part B: Applied Materials*. 2007 February 5; 494-505.
23. Dorland's illustrated medical dictionary. 28th ed. Philadelphia: W.B Saunders; p. 284, 287, 787, 1823.
24. Gilmore H, William L, Melvin R. *Operative Dentistry*. 2nd ed. St. Louis: The CV Mosby Company 1973; p.74,78.
25. Laskin DM. *Oral And Maxillofacial Surgery*. St. Louis: The C.V. Mosby Company; 1985
26. HPMC. [diunduh 5 November 2008] Available from: www.omri.org/HPMC.pdf
27. Harty JF, Ogston R. *Kamus Kedokteran Gigi* (Narlan Sumawinata, Alih Bahasa). Jakarta: EGC; 1995. p.60
28. Freshney RI. *Culture of animal cells*. 4th ed. New York: Wiley-Liss; 2000. p. 1, 336.
29. Adamson PC. Advantages and limitations of cell culture models in pediatric drug development. [diunduh 5 November 2008]. Available from: <http://www.fda.gov/OHRMS/DOCKETS/ac/04/slide/40285108Adamson.ppt>.
30. Alkaline phosphatase [diunduh 8 November 2008] Available from: med.umich.edu/libr/aha/aha_alkphose_crs.htm
31. Leung, KS., Funf, KP., Sher, AHL. (1993). Plasma Bone-Specific Alkaline Phosphatase as an Indicator of Osteoblastic Activity. *The Journal of Bone and Joint Surgery*. (75B: 288-92)
32. Bone specific alkaline phosphatase(ostase) [diunduh 27 Juli 2008] Available from: <http://www.cdhb.govt.nz/chlabs/endo/balp.htm>

33. Bilezikian, JP, Raisz LG& Rodan GA. *Principles of Bone Biology*. California: Academic Press; 1996. p.197
34. Kasaj A, Brita W, Reichert C, Röhrig B, Smeets R, Schmidt M. Ability of nanocrystalline hydroxyapatite paste to promote human periodontal ligament cell proliferation. *Journal of Oral Science*; 2008; 50: 279-285.
35. Ho, Y. Engineering Bioactive Polymers For The Next Generation of Bone Repair. [serial online] [cited April 2005]; Drexel University. Available from: http://idea.library.drexel.edu/bitstream/1860/474/9/Ho_Emily.pdf
36. Nettles DL. Evaluation of chitosan as a cell scaffolding material for cartilage tissue engineering. 2001 [diunduh 2 Desember 2008]. Available from: <http://www.ors.org/web/Transaction/47/0202.pdf>
37. Alini M, Roughley PJ, Antoniou J, Stoll T, Aebi MA. Biological approach to treating disc degeneration: not for today, but maybe for tomorrow. 2002 [diunduh 2 Desember 2008]. *Eur Spine J*. Oct;11 Suppl 2:S215-20. Available from: <http://www.ors.org/web/Transaction/47/0202.PDF>
38. Lu JX, Prudhommeaux F, Meunier A, Sedel L, Guillemin G. Effects of Chitosan on Rat Knee Cartilages. 1999. [diunduh 2 Desember 2008] *Biomaterials* Oct;20(20):1937-44. Available from: <http://www.ors.org/web/Transaction/47/0202.PDF>
39. Santos MH, Shaimberg APM, Valeria P, Goes AM, Fatima M & Mansur HS. Cytocompatibility Evaluation Of Hydroxyapatite/Collagen Composite Doped With ZN^{2+} . 2007. *Revista Materia*. (vol 12, no 2, p. 307-312).
40. Manjubala I, Ponomarev I, Jandt KD, Wilke I. Adhesion and Proliferation of Osteoblastic Cells Seeded on Chitosan-Hydroxyapatite Porous Scaffolds. *European Cells and Materials*. 2004 [diunduh 2 Desember 2008]. Available from: www.ecmjournal.org/journal/supplements/vol007supp01/pdf/vol007supp01a64.pdf
41. Muzarelli RA, Mattioli-Belmonte M, Tietz C, Biagini R, Ferioli G, Brunelli MA, et al. Stimulatory effect on bone formation exerted by a modified

chitosan.Biomaterial. 1994 [diunduh 2 Desember 2008]. Available from: <http://www.ncbi.nih.gov/pubmed/7888578>

42. Serre, CM, Papillard M, Chavassieux P, Boivin G. In vitro induction of a calcifying matrix by biomaterials constituted of collagen and/or hydroxyapatite: an ultrastructural comparison of three types of biomaterials. 1993. p. 14:97–106.
43. Lahiji A, Sohrabi A, Hungerford DS, Frondoza CG. Chitosan supports the expression of extracellular matrix protein in human osteoblast and chondrocytes. J Biomed Mat Res. 2001 [diunduh 2 Desember 2008]. Available from: <http://www.ncbi.nih.gov/pubmed/10880106>



Universitas Indonesia