

ເອກສາຣອ້າງອີງ

1. Nakashima M, Reddi AH. The application of bone morphogenetic proteins to dental tissue engineering. *Nat Biotechnol* 2003; 21(9) 1025-32.
2. Wilson AD, McLean JW, editors. Glass-Ionomer Cement. West Germany: Quintessence Publishing Co.,Inc; 1988.p.13-18.
3. Hewlett ER, Mount GJ. Glass ionomers in contemporary restorative dentistry--a clinical update. *J Calif Dent Assoc* 2003; 31(6): 483-92.
4. Combe EC, Burke TFJ, Douglas WH, editors. Dental Biomaterials. Massachusetts U.S.A.: Kluwer Academic Publishers; 1999. p. 221-32.
5. Brook IM, Hatton PV. Glass-ionomers: bioactive implant materials. *Biomaterials* 1998; 19(6): 565-71.
6. Nicholson JW. Glass-ionomers in medicine and dentistry. *Proc Inst Mech Eng [H]* 1998; 212(2): 121-6.
7. Koide SS. Chitin-chitosan: Properties, benefits and risks. *Nutr Res* 1998; 18(6): 1091-101.
8. Tabata II. The importance of drug delivery systems in tissue engineering. *Pharm Sci Technol Today* 2000; 3(3): 80-89.
9. Ravi Kumar MNV. A review of chitin and chitosan applications. *React Funct Polym* 2000; 46(1): 1-27.
10. Lee YM, Park YJ, Lee SJ, Ku Y, Han SB, Choi SM, et al. Tissue engineered bone formation using chitosan/tricalcium phosphate sponges. *J Periodontol* 2000; 71(3): 410-7.
11. Nakashima M, Toyono T, Murakami T, Akamine A. Transforming growth factor-beta superfamily members expressed in rat incisor pulp. *Arch Oral Biol* 1998; 43(9): 745-51.
12. Tziaras D, Smith AJ, Lesot H. Designing new treatment strategies in vital pulp therapy. *J Dent* 2000; 28(2): 77-92.

13. McKay IA. Types of growth factor activity : detection and characterization of new growth factor activities. In: Rickwood D, Hames BD, editors. Growth factors A practical approach series. New York: Oxford University Press; 1993. p. 1-11.
14. Wilson AD, McLean JW, editors. Glass-Ionomer Cement. West Germany: Quintessence Publishing Co.,Inc; 1988.p. 21-42.
15. Smith DC. Development of glass-ionomer cement systems. *Biomaterials* 1998; 19(6): 467-78.
16. Nicholson JW. Chemistry of glass-ionomer cements: a review. *Biomaterials* 1998; 19(6): 485-94.
17. Wilson AD, McLean JW, editors. Glass-Ionomer Cement. West Germany: Quintessence Publishing Co.,Inc; 1988.p.43-129.
18. ชโอลทัย เสงศรากุล. วัสดุอุดฟันกลาสไอโอดีโนเมอร์. สงขลา: สำนักพิมพ์แห่งคณะทันตแพทยศาสตร์ มหาวิทยาลัยสงขลานครินทร์; 2539 หน้า 12-35.
19. Upadhyay PN, Kishore G. Glass Ionomer Cement - The Different Generations Trends *Biomater. Artif. Organs* 2005; 18(2): 158-65.
20. Cho SY, Cheng AC. A review of glass ionomer restorations in the primary dentition. *J Can Dent Assoc* 1999; 65(9): 491-5.
21. de Souza Costa CA, Hebling J, Garcia-Godoy F, Hanks CT. In vitro cytotoxicity of five glass-ionomer cements. *Biomaterials* 2003; 24(21): 3853-8.
22. Nicholson JW. Adhesive dental materials and their durability. *Int J Adhesion Adhesives* 2000; 20(1): 11-16.
23. Yli-Urpo H, Lassila LVJ, Narhi T, Vallittu PK. Compressive strength and surface characterization of glass ionomer cements modified by particles of bioactive glass. *Dent Mater* 2005; 21(3): 201-09.
24. Mazzaoui SA, Burrow MF, Tyas MJ, Dashper SG, Eakins D, Reynolds EC. Incorporation of casein phosphopeptide-amorphous calcium phosphate into a glass-ionomer cement. *J Dent Res* 2003; 82(11): 914-8.
25. Palmer G, Jones FH, Billington RW, Pearson GJ. Chlorhexidine release from an experimental glass ionomer cement. *Biomaterials* 2004; 25(23): 5423-31.

26. Lindsjo MC, Ekman KB, Nasman JH. Glass-ionomer cements based on poly(acrylic acid-co-vinyl alcohol) in drug release model formulations. *Biomaterials* 1996; 17(9): 913-9.
27. Sinha VR, Singla AK, Wadhawan S, Kaushik R, Kumria R, Bansal K, et al. Chitosan microspheres as a potential carrier for drugs. *Int J Pharm* 2004; 274(1-2): 1-33.
28. Krajewska B. Membrane-based processes performed with use of chitin/chitosan materials. *Sep Purif Tech* 2005; 41(3): 305-12.
29. Khor E, Lim LY. Implantable applications of chitin and chitosan. *Biomaterials* 2003; 24 (13): 2339-49.
30. รัตนารุจิราวนิช. ก า ร ผลิต ไคติน-ไคโตซาน. Paper presented at: การประชุมเชิงปฏิบัติการ ไคตินและไคโตซานจากวัตถุคิบชาร์มชาติสู่การประยุกต์ใช้, 30-31 สิงหาคม 2544; ห้องประชุม อาคารสถาบัน 3 จุฬาลงกรณ์มหาวิทยาลัย.
31. Lee JY, Nam SH, Im SY, Park YJ, Lee YM, Seol YJ, et al. Enhanced bone formation by controlled growth factor delivery from chitosan-based biomaterials. *J Control Release* 2002; 78(1-3): 187-97.
32. de la Torre PM, Torrado G, Torrado S. Poly (acrylic acid) chitosan interpolymer complexes for stomach controlled antibiotic delivery. *J Biomed Mater Res B Appl Biomater* 2005; 72(1): 191-7.
33. Koyano T, Minoura N, Nagura M, Kobayashi K. Attachment and growth of cultured fibroblast cells on PVA/chitosan-blended hydrogels. *J Biomed Mater Res* 1998; 39(3): 486-90.
34. Ahn JS, Choi HK, Cho CS. A novel mucoadhesive polymer prepared by template polymerization of acrylic acid in the presence of chitosan. *Biomaterials* 2001; 22(9): 923-8.
35. Senel S, Kremer MJ, Kas S, Wertz PW, Hincal AA, Squier CA. Enhancing effect of chitosan on peptide drug delivery across buccal mucosa. *Biomaterials* 2000; 21(20): 2067-71.
36. Bernardo MV, Blanco MD, Sastre RL, Teijon C, Teijon JM. Sustained release of bupivacaine from devices based on chitosan. *Farmaco* 2003; 58(11): 1187-91.
37. Gerentes P, Vachoud L, Doury J, Domard A. Study of a chitin-based gel as injectable material in periodontal surgery. *Biomaterials* 2002; 23(5): 1295-302.

38. Ikinci G, Senel S, Akincibay H, Kas S, Ercis S, Wilson CG, et al. Effect of chitosan on a periodontal pathogen Porphyromonas gingivalis. *Int J Pharm* 2002; 235(1-2): 121-7.
39. Borchard G, Junginger HE. Modern drug delivery applications of chitosan. *Adv Drug Deliv Rev* 2001; 52(2): 103.
40. Holland TA, Mikos AG. Advances in drug delivery for articular cartilage. *J Control Release* 2003; 86(1): 1-14.
41. Murray PE, Windsor LJ, Smyth TW, Hafez AA, Cox CF. Analysis of pulpal reactions to restorative procedures, materials, pulp capping, and future therapies. *Crit Rev Oral Biol Med* 2002; 13(6): 509-20.
42. Smith AJ. Dentine formation and repair. In: Hargreaves KM, Goodis HE, editors. Seltzer and Bender's Dental pulp. China: Quintessence Publishing; 2002. p. 50-60.
43. ณรงค์ สาริสุต. การผลิตยาอุตสาหกรรมและระบบนำส่งยาแบบต่างๆ. กรุงเทพมหานคร: ห้างหุ้นส่วนจำกัด ไทยมิตรการพิมพ์; 2535. p. 8-25.
44. Brunstedt MR, Anderson JM. Materials for drug delivery. In: Cahn R, Haasen P, Kremer E, editors. Material science and technology : A comprehensive treatment. Weimheim, Germany: VCH Publisher; 1992. p. 376-413.
45. Sinha VR, Trehan A. Biodegradable microspheres for protein delivery. *J Control Release* 2003; 90(3): 261-280.
46. Dodane V, Vilivalam VD. Pharmaceutical applications of chitosan. *Pharma Sci Technol Today* 1998; 1(6): 246-53.
47. Copeland RA. Method for protein quantitation. In: Copeland RA, editor. Methods for protein analysis a practical guide to laboratory protocols New York U.S.A.: Chapman & Hall; 1994. p. 39-58.
48. Sorensen K, Brodbeck U. Assessment of coating-efficiency in ELISA plates by direct protein determination. *J Immunol Methods* 1986; 95(2): 291-3.
49. มนตรี จุ พี ฯ ว. ณ ท. อ. ชีวเคมี. กรุงเทพมหานคร: ห้างหุ้นส่วนจำกัด ศ.ส.; 2530. p. 15-37.
50. Shiba A, Shiba KS, Suzuki K. Analysis of salivary proteins by thin layer sodium dodecylsulphate polyacrylamide gel electrophoresis. *J Oral Rehabil* 1986; 13(3): 263-71.

51. Copeland RA, editor. Methods for protein analysis a practical guide to laboratory protocols. New York U.S.A.: Chapman & Hall; 1994. p. 59-98.
52. Mosmann T. Rapid colorimetric assay for cellular growth and survival: application to proliferation and cytotoxicity assays. *J Immunol Methods* 1983; 65(1-2): 55-63.
53. de la Torre PM, Enobakhare Y, Torrado G, Torrado S. Release of amoxicillin from polyionic complexes of chitosan and poly(acrylic acid). Study of polymer/polymer and polymer/drug interactions within the network structure. *Biomaterials* 2003; 24(8): 1499-506.
54. Gupta KC, Ravi Kumar MN. Drug release behavior of beads and microgranules of chitosan. *Biomaterials* 2000; 21(11): 1115-9.
55. Xu Y, Du Y. Effect of molecular structure of chitosan on protein delivery properties of chitosan nanoparticles. *Int J Pharm* 2003; 250(1): 215-26.
56. Shoukri MM, Edge VL, editors. Statistical methods for health science. U.S.A.: CRC Press; 1996.p.1-15.