

DAFTAR PUSTAKA

- Abbe, T., Abbe, K., Takahashi, N., Tamazawa, Y., Yamada, T. 2001. *Inhibitory effect of sorbitol on sugar metabolism of Streptococcus Mutans in vitro and on acid production in dental plaque in vivo*. Oral microbiol immunol, 2001, 16;94-99.
- Anifatun, D.I., Kristiyawati, S.P., Solechan, A. 2005. *Perbedaan pH Saliva Selum dan Sesudah Menggosok Gigi Dengan Pasta Gigi Yang Mengandung Sorbitol dan Xylitol Pada Pasien Diabetes Mellitus di RSUD Tugurejo Semarang*. (Abstract).
- Anggraeni S.D. 2002. *Pengaruh konsentrasi sorbitol terhadap mutu edible film dari rumput laut (gracilaria sp.) untuk pelapis permen*. Skripsi Tidak diterbitkan, Fakultas Perikanan dan Ilmu Kelautan Institut Pertanian Bogor, Bogor.
- Arathi Rao, MDS; and Neeraj Malhotra, MDS. 2011. *The Role of Remineralizing Agents in Dentistry:A review* (Online), (<http://cdeworld.com> ., diakses 28 Mei 2014).
- Arteaga, S. 2010. Demineralization and Remineralization: The battle to keep teeth strong and healthy, (Online),(<http://www.pennwell dentalgroup.com> ., diakses 28 Desember 2012).
- Batubara, F.Y. 2011. *Demineralisasi dan Remineralisasi Struktur Gigi*. (<http://si.uns.ac.id/Profil/uploadpublikasi/kedokteran/judul.pdf> ., diakses 28 Desember 2012).
- Budi,A.T. 2000. *Etiologi Karies Gigi dan Penyakit Periodontal*. (<http://si.uns.ac.id/Profil/uploadpublikasi/kedokteran/judul.pdf>), diakses 28 Desember 2012).
- Burt,B.A. 2006. *The use of sorbitol and Xylitol Sweetened Chewing Gum in Caries Control*. American Dental Association, p.190-196.
- Dawn, B; Allan, D; Colleen, M. 2000. *Biokimia Kedokteran Dasar:Sebuah Pendekatan Klinis*. Jakarta, hal.439.
- David, P; Cappelli. 2008. *Prevention in Clinical Oral Health Care*. St.Louis, Missouri, p. 4.

- Dodds, M. 2012. *The oral health benefits of chewing gum*. journal of the Irish Dental Association, p. 253-261.
- Doheny, K. 2008. *Short-Term Effects of Chewing Sugar-Free Gum*. Journal of Clinical Microbiology, USA, p. 20-51.
- Ellis D.L. 2003. Uncertainties of Vickers Hardness Test Blocks. World Congress, Croatia, p. 982-985.
- Fauziah dkk. 2008. *Kandungan Unsur Fluorida Pada Email Gigi Tetap Muda yang Ditumpat Semen Ionomer Kaca dan Kompomer*. Indonesian Journal of Dentistry, hal. 205-211.
- Febriani, D.2010. *Pembuatan Sorbitol Daril Sirup Glukosa Dengan Proses Hidrogenasi Katalitik*. Indonesian Chemical Engineering Journal, hal. 25.
- Febriani, R., Irviana, L. 2010. *Pabrik Sorbitol dari Pati Tepung Jagung (Zea mays) Dengan Proses Hidrogenasi Katalitik*. Tugas Akhir. Tidak diterbitkan, Fakultas Teknologi Industri ITS, Surabaya.
- Gelhard T, Arends J. 2000. In vivo remineralization of artificial subsurface lesions in human enamel. I. J Biol Buccale 12: 49-57.
- Grace, S., Permatasari, R., Wardani, N.2012. Sorbitol Effects on Enamel Surface Microhardness: In Vitro. *Journal of Dentistry Indonesia*, Vol. 19, No. 2, p.32-36
- Hume, W.R. 2005. *Preservation and Restoration of Tooth Structure*. 2th Ed., Mosby, London, p. 2-6, 13-14.
- Helen Mitchell. 2008. *Sweeteners and Sugar Alternatives in Food Technology* - p. 27.
- John, P, 2008. *Xylitol Sweeten Your Smile*. (Online), ([http://www.xylitolnow.com/Xylitol Fiel Trials.html](http://www.xylitolnow.com/Xylitol_Fiel_Trials.html)), diakses 2 Januari 2013).
- Kemp, J., Walters, C. 2004. *Gigi si Kecil: Cara Menjaga Kesehatan Gigi dan Gusi Anak*. Erlangga, Jakarta, hal. 25.
- Lee IK, Schachtele CF. 2002. *Effect of Gum Chewing Following Food Ingestion on the pH of Interproximal Dental Plaque*. Quintessence International, p. 455-9.

- Lau, E. 2008. *Healthy Express*, Penerbit Gramedia Pustaka Utama, Jakarta, hal.30-1.
- Leepel, L. A. 2009. *Effect Of Sorbitol With Various Concentration and Duration On The Remineralization Of Email (IN VITRO STUDY)*. Indonesian Journal of Dentistry 2009; p. 72-6.
- Machado, Camilo, Lacefield, William and Catledge, Aaron. 2008. *Human enamel nanohardness, elastic modulus and surface integrity after beverage contact*, (Online), (<http://www.scielo.br/scielo.php> ., diakses 23 Januari 2013).
- Mäkinen, K. 2006. *Biochemical Principles of the Use of Xylitol in Medicine and Nutrition with Special Consideration of Dental Aspects*. 160 Seiten, 8 Tab., 7Abb. Birkhäuser Verlag, Basel und Stuttgart.
- Makinen, K. 2009. *Sugar Alcohols, Caries Incidence, and Remineralization of Caries Lesions: A Literature Review*, (Online), (<http://www.hindawi.com/journals/ijid>., diakses 23 Januari 2013)
- Mcintyre, J.M. 2005. *Preservation and Tooth Structure*. 2th Ed., Queensland: Knowledge Book and Software.
- Megantoro, M. 2008. *Pengaruh Xylitol Terhadap Proses Remineralisasi Email: Analisis Kualitatif Struktur Permukaan Email Gigi Menggunakan SEM*. Skripsi. Tidak diterbitkan, Fakultas Kedokteran Gigi Universitas Indonesia, Jakarta.
- Meikawati, W., Sayono, Nurullita, U. 2002. *Hubungan Konsumsi Kalsium Dalam Makanan dan Minuman dengan Keperahan Karies Gigi Pada Murid Kelas IV dan V SDN Melati Kidul 1 dan 2 Kudus*. Journal Unimus, hal. 20-3.
- Mihaela, C, Dudea, D, Melincovici, C, Bocsa, B. 2001. *Tooth Enamel, the Result of the Relationship between Matrix Proteins and Hydroxyapatite Crystals*. Applied Medical Informatics, p. 68-72.
- Namazikhah, M.S., Nekoofar M.H., Sheykhrezae M.S., Salariyeh S, Hayes J, Bryant S.T., Mohammadi M.M., Dummer P.M.H. 2008. *The effect of pH on surface hardness and microstructure of mineral trioxide aggregate*. International Endodontic Journal, p. 41, 108–116.
- Newbrunt, E., Pigment, W. 2000. *The Hardness of Enamel and Dentin Australian Dental Journal*, p. 210-217.

- Nonci F. Y. 2009. *Formulasi Tablet Kunyah Ekstrak Daun Dewandaru (Eugenia Unifloral) dengan Kombinasi Bahan Pengisi Sorbitol – Laktosa*. Jurnal Kesehatan Volume II No. 4 , hal. 27-29.
- Park, S., Wang D.H., Zhang D, Romberg E, Arola D. *Mechanical properties of human enamel as a function of age and location in the tooth*, (Online), (<http://www.scielo.br/scielo.php> ., diakses 23 Januari 2013).
- Pashley, D.H. 2008. *Tensile Strength of Mineralized /Demineralized Human Normal and Carious Dentin*, (Online), (<http://jdr.iadrjournals.org>., diakses 28 Desember 2012).
- Perwita, D.M. 2010. *Perbedaan Kekerasan Permukaan Enamel Gigi Setelah Perendaman Dalam Jus Buah dan Larutan Vitamin C (In Vitro)*. Skripsi. Tidak diterbitkan, Fakultas Kedokteran Gigi Universitas Sumatera Utara, Medan.
- Phillips, Ralph W. B. 2003. *Element of Dental Materials for Dental Hygienist and Dental Assistants*, 5th Ed., Saunder Company, Philadelphia, p. 29-30.
- Pillar M, Gasga J.R. *Microhardness and Chemical Composition of Human Tooth*. Materials Research, p. 367-373.
- Prasetyo, E.A. 2005. *Keasaman Minuman Ringan Menurunkan Kekerasan Permukaan Gigi*. Bagian Ilmu Konservasi Gigi Fakultas Kedokteran Gigi Universitas Airlangga, hal. 60-63.
- Prasanna, N., Hemagaran, G. *Remineralization of the Tooth Structure – The Future of Dentistry*. Int.J.PharmTech Res, 2014,p. 487-491.
- Pratiwi, T., Sutadi, H, Mangundjaja, S., Apriati, Y. *Pengaruh sorbitol dalam permen terhadap populasi Streptococcus mutans dalam saliva*. Majalah Kedokteran Gigi Dental Journal, 2001, hal, 34(3a).
- Richard, W., Brand, Donald, E. 2003. *Anatomy of Orofacial Structure*, 6th Ed, Mosby, p. 254.
- Robert Craig. G, PhD. 2002. *Restorative Dental Materials*, 12th Ed., The CV. Mosby Company, St. Louis, p.97.
- Sakaguchi, E., Islam M.S. 2006. *Sorbitol-based Osmoticdiarrhea: Possible Causes and Mechanism of Prevention Investigated in Rats*. World J gastroenterol, p. 41-76.

- Savitri, I, A. 2010. Pengaruh Perendaman Gigi dalam Susu Sapi Terhadap Kekerasan Email Gigi. Tugas Akhir. Tidak diterbitkan, Fakultas Kedokteran Brawijaya, Malang.
- Setiawan, B., Suhartono, E. 2005. *Stres Oksidatif dan Peran Antioksidan pada Diabetes Melitus*.Majalah Kedokteran Indonesia, Volume: 55, Nomor: 2.
- SNI. 2010. (Online), (http://www.bsn.go.id/news_detail.php?news_id=2012., diakses 11 Januari 2013).
- Shen, P., Cai, F., Nowicki, A., Vincent, J., Reynolds E.C. *Remineralization of enamel subsurface lesions by sugar-free chewing gum containing casein phosphopeptide-amorphous calcium phosphate*. Journal of Dental Research (Impact Factor: 3.83). 01/2002; p. 80(12).
- Sluder, T.B. 2001.*Clinical Dental Anatomy, Histology, Physiology and Occlusion*, The Art and Science of Operative Dentistry, Mosby, p. 7-18.
- Soesilo D, Santoso R.E., Diyatri I. 2005. *Peranan sorbitol dalam mempertahankan kestabilan pH saliva pada proses pencegahan karies*. Majalah Kedokteran Gigi Dental Journal, h 38: hal. 25-28.
- Sumawinata, N. 2004. *Senarai Isitilah Kedokteran Gigi; Inggris-Indonesia*. Penerbit Universitas Indonesia, Jakarta, hal. 56, 120-1.
- Susanto, W. 2010. *Pengaruh Pasta Gigi Kitosan Blangkas Bermolekul Tinggi (Limulus Polyphemus) Terhadap Kekerasan Enamel dan Perlekatan Streptococcus Mutans Kepermukaan Enamel*. Skripsi. Tidak diterbitkan, Fakultas Kedokteran Gigi Universitas Sumatera Utara, Medan.
- Stookey, George K. *The Effect of Saliva on Dental Caries*. JADA, 2008, p. 139.
- Sutriyanto, E. 2011. Kandungan Sorbitol Permen Karet Ampuh Bersihkan Gigi. (Online).(<http://www.tribunnews.com/kesehatan/2011/11/03/kandungan-sorbitol-permen-karet-ampuh-bersihkan-gigi>, diakses 31 Mei 2014).
- Syafira, G., Rina, P., Nina, W. 2012. *Sorbitol Effects on Enamel Surface Microhardness: In Vitro*.Journal of Dentistry Indonesia, Vol. 19, No. 2, hal. 32-6.
- Willis, S., Rosemary, H. *How to Keep Remineralisation and Demineralisation Process in Balance*. Dimensions of Dental Hygiene. March 2011; 9(3): 58-60, 62. (Online). (<http://www.dimensionsofdentalhygiene.com>, diakses 31 Mei 2014).

Yanagisawa, T., Siake, Y., Miake, Y dan Mitsuru, T. *Remineralization effects of sorbitol in demineralized enamel.* (Online).(<http://www.ncbi.nlm.nih.gov>, diakses 2/7/2014).

