

DAFTAR PUSTAKA

- Alexander, I.M. & Knight, K.A. (2006) *100 Question and answer about osteoporosis and osteopenia*. Massachusetts : Jones & Bartlett Poblisher, Inc.
- Anderson, J.J.B. (1996) Calcium, phosphorus and human bone, development at symposium. Nutritional advances in human bone metabolism. *American Institute of Nutrition* 126, pp: 11533-85
- Anonim (2008). *Lakukan aktivitas fisik 30 menit sehari*. Didapat dari :
<<http://www.eurekaindonesia.org/lakukan-aktivitas-fisik-30-menit-sehari/>>[Diakses 13 November 2009].
- Azwar, M. (2001) Osteoporosis. *Berkala Ilmiah Kesehatan Fatmawati*, 3(8) Agustus, pp.328-32.
- Baziad, A. & Suryono, A. (2000) Osteoporosis pasca menopause, proses terjadinya, pencegahan serta pengobatannya. *Majalah Kedokteran Indonesia*, 50(2) Februari, pp. 101- 9.
- Berdanier, C.D. (1998) *Advanced nutrition micronutrients*. New York: CRC Press.
- Borges, J.L. & Brandao, C.M.A. (2006) Low body mass in childrens and adolescents. *Arq. Bras. Endocrinol. Metab*, 50(4), Agosto, pp. 775-82.
- Castro, J.P., Joseph, L.A., Shin, J.J., Arora, K., Nicasio, J., Shatzkes, J., Raklar, I., Erlikh, I., Pantone, V., Bahtiyar, G., Chandler, L., Pabon, L., Choudhry, S., Ghadiri, N., Gosukonda, P., Muniyappa, R., Von-Gicyzky, H. & McFarlane, S.I. (2005) Differential effect of obesity on bone mineral density in white Hispanic and African American women : a cross sectional study. *Nutrition & Metabolism* 2(9), April, pp.1-7.
- Chau, D.L. & Edelman, M.D. (2002) Osteoporosis and diabetes. *Clinical Diabetes*, 20 (3), pp. 153-7.
- Daud, R. (1996) Obat-obatan yang digunakan dalam penatalaksanaan osteoporosis. Dalam : Markum, M.S. *Perkembangan mutakhir ilmu penyakit dalam*. Jakarta : FKUI, pp. 82.

- Depkes RI (2003) *Petunjuk teknis pemantauan status gizi orang dewasa dengan indeks massa tubuh*. Jakarta, pp. 14.
- Depkes RI (2008). Riset kesehatan dasar 2007 : Laporan nasional 2007. Jakarta.
- Dequeker, J. (2000) Osteoporotic fractures, ageing and the bone density T-Score. *Clin Rheumatol*, 19, pp. 171– 3.
- Dorner, T., Weichselbaum, E., Lawrence, K., Stein, V.S.& Rieder, A. (2009) Austrian osteoporosis report : epidemiology, lifestyle factors, public health strategies. *Wien Med Wochenschr*, 159 (9–10), pp. 221– 9.
- Espallargues, M., Colom, L.S., Estrada, M.D., Sola, M., del-Rio, L., Setoain, J. & Granados, A. (2001) Identifying bone-mass-related risk factors for fracture to guide bone densitometry measurements: A systematic review of the literature. *Osteoporos Int*, 12, pp. 811– 22.
- Frost, M.L., Blake, G.M. & Fogelman, I. (2001) Quantitative ultrasound and bone mineral density are equally strongly associated with risk factors for Osteoporosis. *Journal of Bone and Mineral research*, 16 (2), pp. 406 – 416.
- Fuji, H., Noda, T., Sairenchi, T. & Muto, T. (2009) Daily intake of green and yellow vegetables is effective for maintain bone mass in young women. *Tohoko J. Exp. Med* (218) April, pp: 149-154
- Gartland, C.P., Robson, P.J., Murray, L.J., Cran, G.W., Savage, M.J., Watkins, D.C., Rooney, M.M & Booreham, C.A. (2004) Fruit and vegetable consumption and bone mineral density: the northern Ireland young health/project. *Am. J. Clin. Nut*, (80), pp: 1019-23
- Hakim, R.M. & Grabo, J.R. (2008) Exercise Mandate : Preventative and restorative. In : Gueldner, S.H., Grabo, T.N., Newman, E.D. & Copper, D.R. Eds. *Clinical guidelines for prevention, diagnosis and management*. New York : Springer Publishing Company, pp. 9 -16.
- Hardinsyah & Tambunan, V. (2004) Angka kecukupan mineral : kalsium, fosfor, magnesium dan fluor : Prosiding pada Widyakarya Nasional Pangan dan Gizi VIII, 17-19 Mei, Jakarta, 2004, pp.375-91.
- Hartanto (2010) Pil KB kurangi kepadatan tulang. Didapat dari : http://kesehatan.kompas/read/2010/01/18/11542679/Pil.KB.Kurangi_.Kepadatan.Tulang>[Diakses 12 Juli 2010]

- Herlina, E.C. (2000) *Hubungan kontrasepsi hormonal dengan densitas mineral tulang pada wanita menopause dan pasca menopause*. Tesis Program Pendidikan Dokter Spesialis I Obstetri Ginekologi. FK-UNDIP, Semarang.
- Hollenbach, K.A., Connor, E.B., Edelstein, S.L. & Holbrook, T. (1993) Cigarette smoking and bone mineral density in older men and women. *American Journal of Public Health*, 83 (9) September, pp: 1265-70
- Huang, H.Y., Caballero, B., Chang, S., Alberg, A.J., Semba, R.D., Schneyer, C., Wilson, R.F., Cheng, T.Y., Prokopowkz, G., Barnes II, G.J., Vassy, J. & Bass, E.B. (2007) Multivitamin/ mineral supplements and prevention of chronic disease: executive summary. *American Journal of Clinical Nutrition*, 85 (suppl), pp: 2655-85
- Ilich, J.Z. & Kerstetter, J.E. (2000) Nutrition in bone health revisited: A story beyond calcium. *Journal of the American College of Nutrition*, 19 (6), pp. 715-37.
- Indriati, E. (2010) *Antropometri untuk Kedokteran, Keperawatan, Gizi dan Olahraga*. Klaten : PT. Intan Sejati.
- Iwamoto, J., Sato, Y., Takeda, T. & Matsumoto, H. (2009) Review article : Role of sport and exercise in the maintenance of female bone health. *J. Bone Miner. Metab* 27, April, pp. 530-7.
- Jahari, A.B. & Prihatini, S. (2007) Risiko osteoporosis di Indonesia. *Gizi Indonesia-Journal of The Indonesian Nutrition Association*, 30 (1), pp. 1-10
- Kreijkamp-Kaspers, S., Kok, L., Diederick, E. & Groobe. (2010) Effect of soy protein containing isoflavonoid on cognitive function, bone mineral density and plasma lipids in postmenopausal women : a randomized controlled trial. *Journal American Medical Association (JAMA)*, 292 (1) July, pp: 65-74.
- Keramat, A., Patwardhan, B., Larijani, B., Chopra, A., Mithal, A., Chakravarty, D., Adibi, H. & Khosravi, A (2008) the assessment of osteoporosis risk factor in Iranian women compared with Indian women. *BMC Musculoskeletal Disorders*, 9(28) February, pp. 1-10.
- Kerstetter, J.E., O'Brien, K.O. & Insogna, K.L. (2003) Low protein intake : the impact on calcium and bone homeostasis in humans. *American Society for Nutrition Sciences* 133, pp. 855s-61s.

- Khosla, S & Melton, L.J. (2007) Clinical practice: osteopenia. *The new England Journal of Medicine*, 356 (22) August, pp: 2293-300.
- Lemenshow, S., Hosmer-Jr, D.W., Klar, J. & Lwanga, S.K. (1997) *Besar sampel dalam penelitian kesehatan*. Yogyakarta : Gadjah Mada University Press, pp. 1-11.
- Lewiecki, E.M., Richmond, B. & Miller, P.D. (2006) Review : uses and misuses of quantitative ultrasonography in managing osteoporosis. *Cleveland Clinic Journal of Medicine*, 73 (8) August, pp: 742-51
- Liu, J.M., Zhao, H.Y., Ning, G., Zhao, Y.J., Zhang, L.Z., Sun, L.H., Xu, M.Y. & Chen, J.L. (2004) Relationship between body composition and bone mineral density in healthy young and premenopausal Chinese women. *Osteoporos Int.*, 15, pp. 238-42.
- Laugier, P. (2004) *An overview of bone sonometry*. In : *State of the art : ultrasonics in medicine. Proceedings of the 7th Congress of the Asian Federation of Ultrasound in Medicine and Biology*. International Congress series, 1274 (Oktober), pp. 23-32.
- Liliana, S.J. (2000) Metabolisme kalsium dan pencegahan osteoporosis. *Majalah Ebers Papyrus*, 6 (1), pp. 33-42.
- Lewiecki, E.M., Richmond, B. & Miller, P.D. (2006) Uses and misuses of quantitative ultrasonography in managing osteoporosis. *Cleveland Clinic Journal of Medicine*, 73(8), pp. 742-52.
- Liu, J.M., Zhao, H.Y., Ning, G., Zhao, Y.J., Zin, L.Z., Sun L.H., Xu, M.A.Y. & Chen, J.T. (2002) Relationship between body composition and bone mineral density in healthy young and premenopausal Chinese women. *Osteoporosis International*, (15), pp. 238-42
- Meikawati, W., Muis, SF. & Nugraheni, SA (2009) *Faktor yang berhubungan dengan kepadatan tulang remaja (studi di SMAN 3 semarang)*. Tesis. Universitas Diponegoro.
- Messina, M.J. (1999) Legumes and soybeans overview of their nutritional profiles and health effect. *Am. J. Cl. Nut*, 70 (suppl), pp : 4395-475.
- Nezhad, A.H., Maghbooli, Z., Bandarian, F., Mortaz, S., Soltani, A. & Larijani, B. (2007) Association of bone mineral density and lifestyle in men. Iranian. *J Publ Health, A supplementary issue on Osteoporosis*, pp.51-6.

NIH (2000) Osteoporosis prevention, diagnostic and therapy. NIH Consensus Statement, 17(1) March, pp.1-20

NOF. (2002) *NOF's bone tool kit*. Available from : <<http://www.nof.org/osteoporosis/bmdtest.htm>>[Accessed 13 November 2009].

Nuridin, S.U., Muchtadi D., Djuwita, I. & Prawiroharharsono, S. (2002) Tahu menghambat kehilangan tulang lumbar tikus betina ovariektomi. *Jurnal Teknologi dan Industri Pangan XIII*, (3), pp: 246-53.

Ocarino, N.M. & Serakides, R. (2006) Effect of the physical activity on normal bone and on osteoporosis prevention and treatment. *Rev. Bras. Esporte*, 12(3) Mai/Jun, pp. 149e-152e.

Pajouhi, M., Maghboali, A.H., Hejri, S.M., Keeshtkar, A.A., Saberi, M. & Lanjani, B. (2004) Bone mineral density in 10-75 years old Iranian healthy women population base studi. *Iranian Junal public Helath A Suppl. Issue on Osteoporosis*, pp: 57-63.

Penrod, J., Smith, A.M., Terwiliger, S.& Gueldner, S.H. (2008) *Demographic perspectives : The magnitude of concern*. In : Gueldner, S.H., Grabo, T.N., Newman, E.D. & Copper, D.R. Eds. *Clinical Guidelines for prevention, diagnosis and management*. New York : Springer Publishing Company, pp. 9 -16.

Pongchaiyakul, C., Nguyen, T.V., Kosulwat, V., Rojroongwasinkul, N., Charoenkiatkul. S., Eisman, J.A. & Rajatanavin, R. (2004) Effects of physical activity and dietary calcium intake on bone mineral density and osteoporosis risk in a rural Thai population. *Osteoporos Int*, 15, pp. 807-13.

Ponchaiyakul, C., Kosulwat, V., Charoenkiatkul, S., Chailurkit, L., Rojroongwasinkul, N. & Rajatanavin, R. (2008) The association of dietary calcium, bone mineral density and biochemical bone turnover markers in rural Thai women. *J. Med. Assoc. Thai.*, 91(3), pp. 295-301.

Prihatini, S. (2008) *Faktor determinan risiko osteoporosis di tiga propinsi di Indonesia*. Laporan akhir penelitian, Pusat Penelitian dan Pengembangan Gizi dan Makanan, Balitbangkes, Jakarta.

Putra, I.E., Lutfi, H., Said, U., Effendi, Y. & Theodorus (2005) *Pengaruh pemakaian kontrasepsi injeksi depot medroksiprogesteron asetat (DMPA) terhadap densitas mineral tulang pada perempuan usia reproduktif*. Tesis, Universitas Sriwijaya.

- Ramayulis, R (2008) *Hubungan asupan vitamin, mineral dan rasio asupan kalsium dan fosfor dengan kepadatan mineral tulang kalkaneus wanita*. Tesis, Universitas Gadjah Mada.
- Ravn, P., Cizza, G., Bjarnason, N.H., Thompson, D., Daley, M., Wasnich, R.D., Clung, M.M., Hosking, D., Yates, A.J., Christiansen. (1999) Low body mass index is an important risk factor for low bone mass and increased bone loss in early postmenopausal women. *Journal of Bone and Mineral Research*, 9, pp. 1622-27.
- Robbins, J., Schott, A.M., Azari, R., & Kronmal, R. (2006) Body mass index is not a good predictor of bone density: result from WHI, CHS, and EPIDOS. *Journal Clinical Densitom*, 9(3) July-September, pp: 329-34.
- Roudsari, A.H., Faridel, T., Nezhad, A.H, Arjmandi, B., Larijani, B., Kimiagar, SM (2005) Assesment of soy phytoestrogene effect on bone turnover indicators in menopausal women with osteopenia in iran: a before and after clinical trial. *Nutrition journal*, 4(30) Oktober, pp: 1-5.
- Sankaran, B. ed. (2000) *Osteoporosis : Clinical, radiological, histological, assessment and an experimental study*. Mumbai : South East Asia Region Office of the World Health Organisation,
- Saragih, A.H. (2005) *Korelasi antara asupan kalsium, indeks massa tubuh, kapasitas fisik dengan densitas massa tulang lumbal dan femur wanita usia lanjut dipanti werda*. Tesis. Universitas Indonesia.
- Sax, L. (2001) The institive of medicines 'dietary reference intake' for phosphorus: a critical perspective. *Journal of the American Collage of Nutrition*, 4 (20), pp: 271- 78.
- Setiyohadi, B. (2000) Kalsium, vitamin D, estrogen dan osteoporosis. Dalam : Kumpulan makalah *1st Indonesian Course on Osteoporosis*, Maret 3-5, 2000, Sukabumi. The Indonesian Rheumatism Association (IRA), pp.1-18.
- Soekatri, M. & Kartono, D. (2004) Angka kecukupan mineral : kalsium, fosfor, magnesium dan fluor : Prosiding pada Widyakarya Nasional Pangan dan Gizi VIII, 17-19 Mei, Jakarta, 2004, pp.375- 91.
- Stucke, S.A., Lombardi, B.M., Gueldner, S.H. & grabo, T.N. (2008) The pathogenesis of osteoporosis. In : Gueldner, S.H., Grabo, T.N., Newman, E.D. & Copper, D.R. Eds. *Clinical guidelines for*

prevention, diagnosis and management. New York : Springer Publishing Company, pp. 9 -16.

Tucker, K.L., Hannan, M.T., Chen, H., Cupples, L.A., Wilson, P.W.F. & Kiel, D.P. (1999) Potassium, magnesium, fruit and vegetable intakes are associated with greater bone mineral density in elderly men and women. *Am. J. Clin. Nutr*, (69), pp: 727-36

Vatanparast, H., Jones, A.B., Faulker, A., Bailey, D.A. & Whiting, S.J. (2007) The Effects of dietary protein on bone mineral mass in young adults may be modulated by adolescent calcium intake. *Am J Clin, Nutr*, 82, pp.700–706.

WHO. (1994) *Assessment of fracture risk and its application to screening for postmenopausal osteoporosis : WHO technical report series 843*. Geneva.

WHO. (1999) *Interim Report and Recommendations of the World Health Organization Task-Force for Osteoporosis : Short Report. Osteoporos Int*, 10, pp. 259–264.

WHO. (2003) *Prevention and management of osteoporosis: report of a WHO scientific group. (WHO technical report series; 921)*. Geneva.

WHO. (2009) *Recommended amount of physical activity*. Available from : <<http://www.who.int/dietphysicalactivity/pa/en/index.html>>[Accessed 13 November 2009].

Wright, H.S. & Wright, C.E. (2008) Diet and bone health. In : Gueldner, S.H., Grabo, T.N., Newman, E.D. & Copper, D.R. Eds. *Clinical guidelines for prevention, diagnosis and management*. New York : Springer Publishing Company, pp. 9 -16.