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DAFTAR PUSTAKA

Albagha, O.M., McGungan, F.E., Reid, D.M., dan Ralston, S.H. 2001. Estrogen receptor α polymorphism and bone mineral density: haplotype analysis in women from the United Kingdom. J Bone Miner Res 16(1).

Anonim. 2007. Polymorphisms. Available from: URL: http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/P/Polymorphisms.html, diakses: [14 Desember 2009].

Becherini, L., Gennari, L., Masi, L., Mansani, R., Massart, F., Morreli, A., Falchetti, A., Gonnelli, S., Fiorelli, G., Tanini, A., dan Brandi, M.L. 2000. Evidence of a linkage disequilibrium between polymorphisms in the human estrogen receptor α gene and their relationship to bone mass variation in postmenopausal Italian women. Hum Mol Genet 9(13):2043-2050.

Brandi, M.L., Becherini, L., Gennari, L., et al. Association of the estrogen receptor alpha gene polymorphisms with sporadic Alzheimer's disease. Biochem Biophys Res Commun 265:335–8.

Bringhurst, F.R., Demay, M.B. dan Kronenberg, H.M. 2008. Hormones and disorders of mineral metabolism. In: Kronenberg, H.M., Melmed, S., Polonsky, K.S., dan Larsen, P.R. (Eds.): William Textbook of Endocrinology. 11th ed. pp: 1203-1204. Sauders, Philadelphia.

Castagnoli, A., Maestri, I., Bernardi, F., et al. 1987. *Pvu*II RFLP inside the human estrogen receptor gene. Nucleic Acids Res 15:866. (Electronic article).

Coleman, R.T., Taylor, J.E., Shine, J.J., et al. 1988. Human estrogen receptor (*ESR*) gene locus: *Pss*I dimorphism. Nucleic Acids Res 16:7208. (Electronic article).

Compston, J.E. 2001. Sex steroids and bone. Physiol Rev 81:419-447.

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Del Senno, L., Aguiari, G.L., dan Piva, R. 1992. Dinucleotide repeat polymorphism in the human estrogen receptor (*ESR*) gene. Hum Mol Genet 1:354.

Dunning, A.M., Healey, C.S., Pharoah, P.D., et al. 1999. A systematic review of genetic polymorphisms and breast cancer risk. Cancer Epidemiol Biomarkers Prev 8:843–54.

Ferrero, V., Ribichini, F., Matullo, G., Guarrera, Carturan, S., Vado, A., Vassanelli, C., Piazza, A., Uslenghi, E., dan Wijns, W. 2003. Estrogen receptor-α polymorphisms and angiographic outcome after coronary artery stenting. Arterioscler Thromb Vasc Biol 23:2223-2228.

Garcia, T., Sanchez, M., Cox, J.L., et al. 1989. Identification of a variant form of the human estrogen receptor with an amino acid replacement. Nucleic Acids Res 17:8364. (Electronic article).

Gennari, L., Merlotti, D., Paola, D., Calabro, A., Bacherini, L., Martini, G., dan Nuti, R. 2005. Estrogen receptor gene polymorphisms and the genetics of osteoporosis: a HuGE Review. Am J Epidemiol 161(4):307-320.

Green, S., Walter, P., Kumar, V., et al. 1986. Human oestrogen receptor cDNA: sequence, expression and homology to v-erb-A. Nature 320:134–9.

Greene, G.L., Gilna, P., Waterfield, M., et al. 1986. Sequence and expression of human estrogen receptor complementary DNA. Science 231:1150–4.

Gruber, C.G., Tschugguel, W., Schneeberger, C., dan Huber, J.C. 2002. Production and Actions of estrogens: Review article. N Engl J Med 346(5):340-352.

Guyton, A.C., dan Hall, J.E. 1997. Buku Ajar Fisiologi Kedokteran. 9th ed. pp: 1289. EGC, Jakarta.

Harper, H.A., Rodwell, V.W., dan Mayes, P.A. 1977. Review on physiologycal chemistry. 16th ed. pp: 521-522. Lange Medical Publication, California.

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Universitas Gadjah Mada, 2009 | Diunduh dari http://etd.repository.ugm.ac.id/

Heilberg, I.P., Hernandez, E., Alonzo, E., Valera, R., Ferreira, L.G., Gomes, S.A., Bellorin-Font, E., dan Weisinger, J.R. 2005. Estrogen receptor (ER) gene polymorphism may predict the bone mineral density response to raloxifene in postmenopausal women on chronic hemodialysis. Renal Failure 27:155–161.

Hsieh, Y.Y., Wang, Y.K., Chang, C.C., dan Lin, C.S. 2007. Estrogen receptor a-351 *Xba*I*G and -397 *Pvu*II*C-related genotypes and alleles are associated with higher susceptibilities of endometriosis and leiomyoma. Mol Hum Reproduct 13(2):117-122.

Hurd, W.W., Amesse, L.S., dan Randolph, J.F. 2002. Menopause. In: Berek, J.S (Ed.): Novak's Gynecology. pp: 370-375. J. B. Lippincott, Pensylvania.

Ioannidis, J.P., Stavrou, I., Trikalinos, T.A., Zois, C., Brandi, M.L., Gennari, L., Albagha, O., Ralston, S.H., dan Tsatsoulis, A. 2002. Association of polymorphisms of the estrogen receptor α gene with bone mineral density and fracture risk in women: a meta-analysis. J Bone Miner Res 17(11):2048–2060.

Khanna, J. (Ed.). 1996. Research on the menopause. Progress (40):1-8.

Khosla, S., Riggs, B.L., Atkinson, E.J., et al. 2004. Relationship of estrogen receptor genotypes to bone mineral density and to rates of bone loss in men. J Clin Endocrinol Metab 89(4):1808–1816.

Kurabayashi, T., Matsushita, H., Tomita, M., Kato, N., Kikuchi, M., Nagata, H., Honda, A., Yahata, T., dan Tanaka, K. 2004. Association of vitamin D and estrogen receptor gene polymorphism with the effects of longterm hormone replacement therapy on bone mineral density. J Bone Miner Metab 22:241–247.

Langdahl, B.L., Lokke, E., Carstens, M., Stenkjaer, L.L., dan Eriksen, E.F. 2000. A TA repeat polymorphism in the estrogen receptor gene is associated with osteoporotic fractures but polymorphism in the first exon and intron are not. J Bone Miner Res 15(11):2222-2230.

UNIVERSITAS GADJAH MADA
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Lorentzon, M., Lorentzon, R., Backstrom, T., et al. 1999. Estrogen receptor gene polymorphism, but not estradiol levels, is related to bone density in healthy adolescent boys: a crosssectional and longitudinal study. J Clin Endocrinol Metab 84:4597–601.

Massart, F., Reginster, J.Y., dan Brandi, M.L. 2001. Genetics of menopause associated diseases. Maturitas 40:103–16.

Meurs, J.B., Schuit, S.C., Weel, A.E., Klift, M., Bergink, A.P., Arp, P.P., Colin, E.M., Fang, Y., Hofman, A., Duijn, C.M., Leeuwen, J.P., Pols, H.A., dan Uitterlinden, A.G. 2003. Association of 5' estrogen receptor alpha gene polymorphisms with bone mineral density, vertebral bone area and fracture risk. Hum Mol Genet 12(14):1745-1754.

Michael, L.P., Heaney, R.P., Kalkwarf, H.J., et al. 1999. The role of calcium in helth and disease. Am J Obs Gynecol 181:1560-9.

Molina, P.E. 2007. Endocrine Physiology. 2nd ed. pp: 107-108. McGraw-Hill, USA.

Nam, H.S., Shin, M.H., Kweon, S.S., Park, K.S., et al. 2005. Association of estrogen receptor-α with bone mineral density in postmenopausal Korean women. J Bone Miner Metab 23:84-89.

Nilsson, S., Makela, S., Treuter, E., Tujague, M., Thomsen, J., Andersson, G., Enmark, E., Pettersson, K., Warner, M., dan Gustafsson, J. 2001. Mechanisms of estrogen action. Physiol Rev 81(4):1535-1565.

Nursucahyo, E. 2007. Efek penggunaan kontrasepsi medroxy progesteron asetat terhadap kadar kalsium (planibu Vs depoprogestin) [tesis]. Universitas Gadjah Mada, Yogyakarta.

Penggalih, M.H., Hadi, H., dan Pangastuti, R. 2005. Studi cohort: prevalensi osteoporosis pada usia lanjut di Yogyakarta. BKM XXI:141-144.

Perez, A., Ulla, M., Garcia, B., Lavezzo, M., Elias, E., Binci, M., Rivoira, M., Centeno, V., dan Nori Tolosa

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de Talamoni, A.A. 2008. Genotypes and clinical aspects associated with bone mineral density in Argentine postmenopausal women. J Bone Miner Metab 26:358–365.

Prabowo, R.J. 1997. Osteoporosis pada wanita postmenopausa. Majalah Obstetri Ginekologi 6(2):1-13.

Riggs, B.L., Khosla, S., dan Melton, L.J. 2002. Sex steroid and the construction and conservation of the adult skeleton. Endocrine Reviews 23:279-302.

Sastroasmoro, S., dan Ismael, S. 2002. Dasar-Dasar Metodologi Penelitian Klinis. 2nd ed. pp: 270. Sagung Seto, Jakarta.

Schubert, E.L., Lee, M.K., Newman, B., et al. 1999. Single nucleotide polymorphisms (SNPs) in the estrogen receptor gene and breast cancer susceptibility. J Steroid Biochem Mol Biol 71:21–7.

Tanaka, Y., Sasaki, M., Kaneuchi, M., et al. 2003. Polymorphisms of estrogen receptor alpha in prostate cancer. Mol Carcinog 37:202–8.

Tempfer, C.B., Schneeberger, C., dan Huber, J.C. 2004. Applications of polymorphisms and pharmacogenomics in obstetrics and gynecology. Pharmacogenomics 5:57–65.

Yoo, K.Y., dan Kang, D. 2003. Current researches on breast cancer epidemiology in Korea. Breast Cancer 10:289–93.

Zuppan, P.J., Hall, J.M., Ponglikitmongkol, M., et al. 1989. Polymorphisms at the estrogen receptor (*ESR*) locus and linkage relationships on chromosome 6q. (Abstract). Cytogenet Cell Genet 51:1116.