

DAFTAR PUSTAKA

1. National Institute for Health and Care Excellent. Osteoporosis: assessing the risk of fragility fracture | Guidance and guidelines | NICE. 2012.
2. Kementerian Kesehatan RI. Data & Kondisi Penyakit Osteoporosis di Indonesia [Internet]. Infodatin Pusat Data dan Informasi Kementerian Kesehatan RI. 2015. Available from: <http://www.depkes.go.id/download.php?file=download/pusdatin/infodatin/infodatin-osteoporosis.pdf>
3. International Osteoporosis Foundation. Epidemiology [Internet]. Available from: <http://www.iofbonehealth.org/epidemiology>
4. Cosman F, de Beur SJ, LeBoff MS, Lewiecki EM, Tanner B, Randall S, et al. Erratum to: Clinician's guide to prevention and treatment of osteoporosis. *Osteoporos Int.* 2015;26(7):2045–7.
5. Yoo J-H, Moon S-H, Ha Y-C, Lee DY, Gong HS, Park SY, et al. Osteoporotic Fracture: 2015 Position Statement of the Korean Society for Bone and Mineral Research. *J bone Metab* [Internet]. 2015;22(4):175–81. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26713308%5Cnhttp://www.ncbi.nlm.nih.gov/pubmed/26713308>
6. Sjahriani T, Wulandari IP. Hubungan Antara Tingkat Pengetahuan tentang Osteoporosis dengan Asupan Kalsium pada Wanita Premenopause di Puskesmas Cinangka Banten 2017. 2018;5:20–8.
7. Al-Nuaimi, K. AM, Hussain SA, Alkazzaz A. Effect on Body Mass Index and Physical Activities on Risk of Osteoporosis in Babylon Iraq. 2014.
8. Ong T, Sahota O, Tan W, Marshall L. A United Kingdom perspective on the relationship between body mass index (BMI) and bone health: A cross sectional analysis of data from the Nottingham Fracture Liaison Service. *Bone* [Internet]. 2014;59:207–10. Available from: <http://dx.doi.org/10.1016/j.bone.2013.11.024>
9. Society BG, Orthopaedic B, Foundation IO, Dorset O, Care P, Society R. Nogg 2017 : 2017;(March).
10. Menteri Kesehatan Republik Indonesia. Pedoman Pengendalian

- Osteoporosis [Internet]. 2008. Available from: <http://www.albayan.ae>
11. Dieny FF, Fitrianti DY. Faktor risiko osteoporosis pada wanita usia 40-80 tahun: status menopause dan obesitas. J Gizi Klin Indones. 2017;14(2):45.
12. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia. Laporan Nasional Riskesdas 2018. Jakarta; 2019.
13. International Osteoporosis Foundation. Modifiable Risk Factors.
14. International Osteoporosis Foundation. Fixed Risk Factors.
15. Gadam RK, Schlauch K, Izuora KE. FRAX Prediction Without BMD for Assessment of Osteoporotic Fracture Risk. Bone [Internet]. 2014;23(1):1–7. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3624763/pdf/nihms412728.pdf>
16. Kanis JA, Harvey NC, Johansson H, Odén A, Eugene V, Leslie WD. Overview of fracture prediction tools. 2018;20(3):444–50.
17. Kanis JA, Harvey NC, Johansson H, Oden A, Leslie WD, McCloskey E V. FRAX and fracture prediction without bone mineral density. Climacteric. 2015;18:2–9.
18. Eastell R. Prevention and management of osteoporosis. Med (United Kingdom) [Internet]. 2017;45(9):565–9. Available from: <http://dx.doi.org/10.1016/j.mpmed.2017.06.004>
19. Tortora GJ, Derrickson B. Principles of Anatomy & Physiology. 2014.
20. Rosen CJ. The Epidemiology and Pathogenesis of Osteoporosis [Internet]. 2017. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK279134/>
21. Ariyanti H, Apriliana E. Pengaruh Fitoestrogen terhadap Gejala Menopause. 2016;5:1–5.
22. Blom A, Warwick D, Whitehouse MR. Apley & Solomon's System of Orthopaedics and Trauma. 2018.
23. Scanlon VC, Sanders T. Essentials of Anatomy and Phisiology. 2007.
24. Bonewald LF. The Amazing Osteocyte. 2011;26(2):229–38.
25. Siris ES, Adler R, Bilezikian J, Bolognese M, Favus MJ. The Clinical Diagnosis of Osteoporosis : A Position Statement from the National Bone Health Alliance Working Group. 2014;

26. Nuttall FQ. Body Mass Index. 2015;50(3).
27. Arisman. Obesitas, Diabetes Mellitus, & Dislipidemia. Jakarta: EGC; 2011. 162–165 p.
28. Setiati S, Alwi I, Sudoyo AW, Simadibrata K. M, Setiyohadi B, Syam AF, editors. BUKU AJAR ILMU PENYAKIT DALAM. VI. Jakarta: InternaPublishing; 2014.
29. Centers for Disease Control and Prevention. About Adult BMI [Internet]. 2017. Available from: https://www.cdc.gov/healthyweight/assessing/bmi/adult_bmi/index.html
30. Centers for Disease Control and Prevention. About Child & Teen BMI [Internet]. 2018. Available from: https://www.cdc.gov/healthyweight/assessing/bmi/childrens_bmi/about_childrens_bmi.html
31. Xiang B, Huang W, Zhou G, Hu N, Chen H, Chen C. Body mass index and the risk of low bone mass – related fractures in women compared with men. 2017;10–5.
32. Scottish Intercolligate Guideline Network. Management of osteoporosis and the prevention of fragility fractures. 2015;(March).
33. Hariri AF, Almatrafi MN, Zamka AB, Babaker AS, Fallatah TM, Althouwaibi OH, et al. Relationship between Body Mass Index and T - Scores of Bone Mineral Density in the Hip and Spine Regions among Older Adults with Diabetes : A Retrospective Review. 2019;2019.
34. University of Sheffield. FRAX Tool [Internet]. Available from: <https://www.sheffield.ac.uk/FRAX/tool.aspx?country=46>
35. Garvan Institute. Garvan Fracture Risk Calculator [Internet]. Garvan Institute. 2011. Available from: <http://www.garvan.org.au/bone-fracture-risk/>
36. Imerci A, Yalın Kılınç C, Aydogan NH, Karalezli MN, Savran A. Fracture Risk Assessment Tool (FRAX®) Results Calculated With and Without Bone Mineral Density Values for the Evaluation of Fracture Risk in Postmenopausal Women With Osteopenia. J Clin Densitom [Internet]. 2018;21(4):464–71. Available from:

- http://dx.doi.org/10.1016/j.jocd.2017.06.027
- 37. ClinRisk Ltd. QFracture [Internet]. Available from: <https://qfracture.org/>
 - 38. Makara-Studzińska MT, Kryś-Noszczyk KM, Jakiel G. Epidemiology of the symptoms of menopause - An intercontinental review. *Prz Menopauzalny*. 2014;13(3):203–11.
 - 39. Sussman M, Trocio J, Best C, Mirkin S, Bushmakin AG, Yood R, et al. Prevalence of menopausal symptoms among mid-life women: Findings from electronic medical records. *BMC Womens Health* [Internet]. 2015;15(1):1–5. Available from: <http://dx.doi.org/10.1186/s12905-015-0217-y>
 - 40. Tian L, Yang R, Wei L, Liu J, Yang Y, Shao F, et al. Prevalence of osteoporosis and related lifestyle and metabolic factors of postmenopausal women and elderly men. *Med (United States)*. 2017;96(43).
 - 41. Rahhim NFFBM, Tiksnadi B, Buchori E. Identification of Risk Factors for Osteoporotic Fracture Using Fracture Risk Assessment Tool in Dr . Hasan Sadikin General Hospital , Bandung , Indonesia from June to December 2013. *Althea Med J*. 2015;2(September 2015):423–8.
 - 42. Kuru P, Akyüz G, Cerşit HP, Çelenlioğlu AE, Cumhur A, Biricik Ş, et al. Fracture history in osteoporosis: Risk factors and its effect on quality of life. *Balkan Med J*. 2014;31(4):295–301.
 - 43. Kanis JA, Johansson H, Oden A, Johnell O, De Laet C, Eisman JA, et al. A family history of fracture and fracture risk: A meta-analysis. *Bone*. 2004;35(5):1029–37.
 - 44. Illias I, Zoumakis E, Ghayee H. An Overview of Glucocorticoid Induced Osteoporosis. MDText.com, Inc.; 2018.
 - 45. Khan TS, Fraser LA. Type 1 diabetes and osteoporosis: From molecular pathways to bone phenotype. *J Osteoporos*. 2015;2015.
 - 46. Gallagher JC. Effect of early menopause on bone mineral density and fractures. *Menopause*. 2007;14(3):567–71.
 - 47. Heidari B, Reza M, Roushan H. Rheumatoid Arthritis and Osteoporosis. *Casp J Intern Med*. 2012;3(3):445–6.
 - 48. Jang HD, Hong JY, Han K, Lee JC, Shin BJ, Choi SW, et al. Relationship between bone mineral density and alcohol intake: A nationwide health

- survey analysis of postmenopausal women. *PLoS One*. 2017;12(6):1–11.
49. Pouresmaeili F, Kamalidehghan B, Kamarehei M, Goh YM. A comprehensive overview on osteoporosis and its risk factors. *Ther Clin Risk Manag* [Internet]. 2018;14:2029–49. Available from: <http://dx.doi.org/10.2147/TCRM.S138000>
50. Kim KH. The Effect of Smoking on Bone Health. *J Korean Soc Res Nicotine Tob*. 2013;4(1):20–7.
51. Shaki O, Rai SK, Kashid M, Chakrabarty BK. Prevalence of Osteoporosis in Peri- and Post-menopausal Women in Slum Area of Mumbai, India. *J Midlife Health* [Internet]. 2018;9(3):117–22. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6166427/?report=printable>
52. Maru L, Verma R, Verma M, Shrimall M. Correlation of body mass index and age of menopause in women attending medicine and gynaecology department of a tertiary care centre. *Int J Res Med Sci*. 2016;4(6):2206–9.
53. Briot K, Paternotte S, Kolta S, Eastell R, Felsenberg D, Reid DM, et al. FRAX®: Prediction of major osteoporotic fractures in women from the general population: The OPUS study. *PLoS One*. 2013;8(12):1–10.
54. Xiang BY, Huang W, Zhou GQ, Hu N, Chen H, Chen C. Body mass index and the risk of low bone mass-related fractures in women compared with men: A PRISMA-compliant meta-analysis of prospective cohort studies. *Med (United States)*. 2017;96(12):10–5.
55. Chan MY, Frost SA, Center JR, Eisman JA, Nguyen T V. Relationship Between Body Mass Index and Fracture Risk Is Mediated by Bone Mineral Density. *J Bone Miner Res*. 2014;29(11):2327–35.
56. Johansson H, Azizieh F, al Ali N, Alessa T, Harvey NC, McCloskey E, et al. FRAX- vs. T-score-based intervention thresholds for osteoporosis. *Osteoporos Int*. 2017;28(11):3099–105.
57. Kanis JA, Harvey N, Cooper C, Johansson H, Odén A, McCloskey E, et al. A systematic review of intervention thresholds based on FRAX: A report prepared for the National Osteoporosis Guideline Group and the International Osteoporosis Foundation. *Arch Osteoporos*. 2016;11(1):1–101.