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Kanis, J.A. and Glüer, C.C. (2000) An update on the diagnosis and assessment of Osteoporosis with densitometry. International Osteoporosis Foundation. Committee of Scientific Advisors, Osteoporosis

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Books Conferences News About Us Home Journals Jobs Home > Journal > Medicine & Healthcare > OJN Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues OJN> Vol.2 No.4, December 2012 • Special Issues Guideline OPEN ACCESS OJN Subscription Exploring fracture risk factors among Omani women: Implications for risk assessment Most popular papers in OJN PDF (Size: 126KB) PP. 365-371 DOI: 10.4236/ojn.2012.24054 **About OJN News** Melba Sheila D' Souza, Chandrani Isac, Ramesh Venkatesaperumal, Anandhi Amirtharaj, Anitha Thanka, Frequently Asked Questions Shreedevi Balachandran, Huda Al Noumani **ABSTRACT** Recommend to Peers Osteoporosis is common among postmenopausal women, giving rise to morbidity and diminishing the quality of life. There is lack of information about the risk factors of Osteoporosis among local Omani women. Recommend to Library The aim was to explore the risk factors of Osteoporosis among Omani women using a Modified Fracture Risk Assessment Tool. This is an exploratory research design using a simple random sampling. A pilot study was Contact Us conducted among 35 local Omani women from the Muscat region, who completed the validated and reliable Modified Fracture Risk Assessment Tool (MFRAT). Bone Mineral Density (BMD) was measured among 11 women at moderate-high risk based on MFRAT. The data was analyzed using inferential statistics. Fourteen Downloads: 19,420 Omani women were at moderate-high risk for Osteoporotic fracture due to factors related premenopausal, Vitamin D deficiency, increased parity, increased lactation period and sedentary lifestyle. Among these five Visits: 71,587 women had low BMD and required early intervention and support. Determinants of Osteoporosis can be assessed among premenopausal Omani women with a specific risk assessment tool. There is a need to Sponsors >> construct a culturally sensitive risk assessment tool for Omani women for early screening and detection of Osteoporosis. Nurses can identify, provide intervention and education for Omani women at-risk of fracture. **KEYWORDS** Fracture Risk Assessment; Osteoporosis; Osteopenia; Omani Women; Early Identification; Early Screening; Bone Mineral Density; Nursing Care; Primary Prevention Cite this paper D' Souza, M., Isac, C., Venkatesaperumal, R., Amirtharaj, A., Thanka, A., Balachandran, S. and Noumani, H. (2012) Exploring fracture risk factors among Omani women: Implications for risk assessment. Open Journal of Nursing, 2, 365-371. doi: 10.4236/ojn.2012.24054. References WHO (2004) Scientific group on the assessment of Osteoporosis at primary health care level. World [1] Health Organization, Geneva. [2] National Osteoporosis Foundation (2008) Clinician's guide to prevention and treatment of Osteoporosis. National Osteoporosis Foundation, Washington DC. National Osteoporosis Foundation (1998) Osteoporosis: Review of the evidence for prevention, [3] diagnosis, and treatment and cost effectiveness analysis. Osteoporosis International, 8, S3-6. [4] Cummings, S.R. and Melton, L.J. (2002) Epidemiology and outcomes of osteoporotic fractures. The Lancet, 359, 1761-1767. [5] WHO (1994) Assessment of fracture risk and its application to screening for postmenopausal

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