

Objectives Review exercise recommendations and benefits for a postmenopausal female Review spine safe and osteoporosis specific exercises Review exercise effect on menopause symptoms



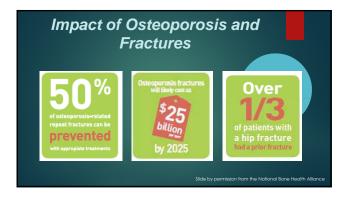


Benefits of Exercise Improve physical function and quality of life Slow sarcopenia Decrease cognitive decline Reduce risk diabetes, heart disease Lower mortality Decrease falls and improve bones

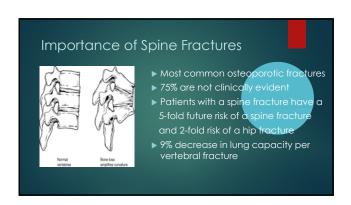


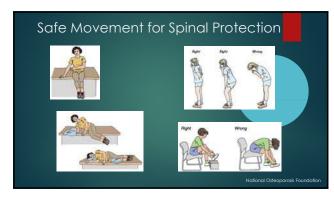


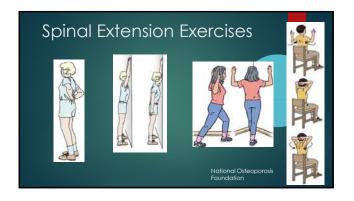


























What do we tell Mary? Congratulate her! 150 minutes per week Resistance training Start walking again Stop doing sit-ups! Find a "safe spine" yoga class

References • Giangregorio, L. M., et al. "Too Fit To Fracture: exercise recommendations for individuals with osteoporosis or osteoporofic vertebral fracture." Osteoporosis bite mational 25.3 (2014): 821-835. • http://www.cochrane.ara/CD006-108/MENSTR. exercise-forwasomotor-menopausol-symptoms • Bailey, T.G., et al. "Exercise training reduces the acute physiological severity of post-menopausol hot flushes." JPhysiol 594.3 (2016): 657. • Mendozo, N., et al. "Benefits of physical exercise in postmenopausol women." Maturias. 93 (2016): 83-88. • Shad, B.J., et al. "Exercise prescription for the older population." Maturias. 93 (2016): 78-82. • International Osteoporosis Foundation. "Exercise Recommendation." www.info.ne.he a lth.org /print/9847