Bone Health Protection Strategies Best Practices



Activity and exercise

Walking and weight-bearing exercises can

- improve residents' balance, muscle strength, physical endurance, body posture, bone mass, and
- reduce pain and the risk for future fracture

Weight bearing exercises

- For residents who are mobile and can weight bear, beneficial exercise programs should focus on resistance, strengthening, balance, coordination and postural exercises
- Take every opportunity to encourage residents to walk to meals and activities
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- 2. Papaioannou A, Adachi JD, Winegard K, Ferko N, Parkinson W, Cook RJ, et al. Efficacy of home-based exercise for improving quality of life among elderly women with symptomatic osteoporosis-related vertebral fractures. Osteoporos Int. 2003 Aug;14(8):677-82.Colón-Emeric CS, Datta SK, Matchar DB. An economic analysis of external hip protector use in ambulatory nursing facility residents. *Age Ageing* 2003;32(1):47-52.
- 3. Webber CE, Papaioannou A, Winegard KJ, Adachi JD, Parkinson W, Ferko NC, et al. A 6-mo home-based exercise program may slow vertebral height loss. J Clin Densitom. 2003 Winter;6(4):391-400.
- 4. Cameron ID, Murray GR, Gillespie LD, Robertson MC, Hill KD, Cumming RG, et al. Interventions for preventing falls in older people in nursing care facilities and hospitals. Cochrane Database Syst Rev. 2010 Jan 20;(1)(1):CD005465.