

## Resources for managing Vitamin D Therapy

The Drug Utilization Review Board has identified overutilization of vitamin D<sub>2</sub> (ergocalciferol) 50,000 units. To facilitate more appropriate usage, the Drug Utilization Review Board is providing the links to current guidelines and tools to help providers meet patient care needs. (Press the control key while clicking on the text highlighted in blue to follow the guideline link.)

Institute of Medicine. Food and Nutrition Board. Committee to Review Dietary Reference Intake for Vitamin D and Calcium. [DRI Dietary Reference Intakes for Calcium and Vitamin D](#). November 2010.

American Academy of Pediatrics. [Prevention of Rickets and Vitamin D deficiency in infants, children, and adolescents](#). *Pediatrics* 2008; 122:1142-52.

[Evaluation, treatment, and prevention of vitamin D deficiency: An Endocrine Society Clinical Practice Guideline](#). *J Clin Endocrinol Metab* 2011;96(7):1911-1930.

Kidney Disease Improving Global Outcomes (KDIGO). [KDIGO Guideline for chronic kidney disease-Mineral and bone disorder](#). *Kidney International* 2009; 76 (Suppl 113): S1–S130.

American Society for Clinical Pathology. [Don't perform population based screening for Vitamin D deficiency](#). *Choosing Wisely*. 2013, Feb 21.

Endocrine Society. [Don't routinely measure 1,25-dihydroxyvitamin D unless the patient has hypercalcemia or decreased kidney function](#). *Choosing Wisely*. 2013, Oct 16.

Reid IR, Bolland MJ, Grey A. [Effects of Vitamin D supplements on bone mineral density: a systematic review and meta-analysis](#). *Lancet* 2014 Jan 11;383(9912):146-155. [Editorial](#): *Lancet* 2014 Jan 11:383(9912):108-110.

Prevention of falls in community-dwelling older adults: U.S. Preventive Services Task Force Recommendation Statement. [Ann Intern Med. 2012;157:197-204](#). [U.S.Preventive Services Task Force. Falls prevention in older adults: counseling and preventive medication. May 2012](#).

Centers for Disease Control and Prevention.

- [Algorithm for Fall Risk Assessment and Intervention](#).
- [STEADI \(Stopping Elderly Accidents, Deaths & Injuries\)](#)

[Vitamin D and calcium supplementation to prevent fractures in adults: U.S. Preventive Services Task Force Recommendation Statement](#). *Ann Intern Med*. 2013;158:691-696.

American College of Rheumatology. [Fracture Risk Assessment Tool \(FRAX\)](#). Prediction tool for assessing an individuals' risk of fracture in order to provide clinical guidance for treatment decisions. [FRAX charts](#) for men and women aged 50 years or more and the 10-year probability of hip fracture or of a major osteoporotic fracture (clinical spine, hip, forearm and humerus fracture)

Foundation for Osteoporosis Research and Education. [10-year Fracture Risk Calculator](#). Estimates 10-year fracture risk for postmenopausal women and men age 45 and older who are not receiving treatment for osteoporosis.

**Approved 1.15.2014 by the Illinois Drug Utilization Review Board. Links updated 9.14.2016.**