

References

L-5015

1. Kim JM, Lin C, Stavre Z, et al. Osteoblast-Osteoclast Communication and Bone Homeostasis. *Cells*. Sep 10 2020; 9(9). PMID 32927921
2. Greenblatt MB, Tsai JN, Wein MN. Bone Turnover Markers in the Diagnosis and Monitoring of Metabolic Bone Disease. *Clin Chem*. Feb 2017; 63(2): 464-474. PMID 27940448
3. Shetty S, Kapoor N, Bondu JD, et al. Bone turnover markers: Emerging tool in the management of osteoporosis. *Indian J Endocrinol Metab*. 2016; 20(6): 846-852. PMID 27867890
4. Szulc P, Naylor K, Hoyle NR, et al. Use of CTX-I and PINP as bone turnover markers: National Bone Health Alliance recommendations to standardize sample handling and patient preparation to reduce pre-analytical variability. *Osteoporos Int*. Sep 2017; 28(9): 2541-2556. PMID 28631236
5. Tian A, Ma J, Feng K, et al. Reference markers of bone turnover for prediction of fracture: a meta-analysis. *J Orthop Surg Res*. Feb 28 2019; 14(1): 68. PMID 30819222
6. Johansson H, Odén A, Kanis JA, et al. A meta-analysis of reference markers of bone turnover for prediction of fracture. *Calcif Tissue Int*. May 2014; 94(5): 560-7. PMID 24590144
7. Biver E, Chopin F, Coiffier G, et al. Bone turnover markers for osteoporotic status assessment? A systematic review of their diagnosis value at baseline in osteoporosis. *Joint Bone Spine*. Jan 2012; 79(1): 20-5. PMID 21724445
8. Tamaki J, Iki M, Kadowaki E, et al. Biochemical markers for bone turnover predict risk of vertebral fractures in postmenopausal women over 10 years: the Japanese Population-based Osteoporosis (JPOS) Cohort Study. *Osteoporos Int*. Mar 2013; 24(3): 887-97. PMID 22885773
9. Bauer DC, Garnero P, Harrison SL, et al. Biochemical markers of bone turnover, hip bone loss, and fracture in older men: the MrOS study. *J Bone Miner Res*. Dec 2009; 24(12): 2032-8. PMID 19453262
10. Zhang T, Liu P, Zhang Y, et al. Combining information from multiple bone turnover markers as diagnostic indices for osteoporosis using support vector machines. *Biomarkers*. Mar 2019; 24(2): 120-126. PMID 30442069
11. Gutierrez-Buey G, Restituto P, Botella S, et al. Trabecular bone score and bone remodelling markers identify perimenopausal women at high risk of bone loss. *Clin Endocrinol (Oxf)*. Sep 2019; 91(3): 391-399. PMID 31141196
12. Shieh A, Greendale GA, Cauley JA, et al. Urinary N-Telopeptide as Predictor of Onset of Menopause-Related Bone Loss in Pre- and Perimenopausal Women. *JBMR Plus*. Apr 2019; 3(4): e10116. PMID 31044185

13. Bauer DC, Garnero P, Hochberg MC, et al. Pretreatment levels of bone turnover and the antifracture efficacy of alendronate: the fracture intervention trial. *J Bone Miner Res.* Feb 2006; 21(2): 292-9. PMID 16418785
14. Baxter I, Rogers A, Eastell R, et al. Evaluation of urinary N-telopeptide of type I collagen measurements in the management of osteoporosis in clinical practice. *Osteoporos Int.* Mar 2013; 24(3): 941-7. PMID 22872068
15. Burch J, Rice S, Yang H, et al. Systematic review of the use of bone turnover markers for monitoring the response to osteoporosis treatment: the secondary prevention of fractures, and primary prevention of fractures in high-risk groups. *Health Technol Assess.* Feb 2014; 18(11): 1-180. PMID 24534414
16. Roux C, Giraudeau B, Rouanet S, et al. Monitoring of bone turnover markers does not improve persistence with ibandronate treatment. *Joint Bone Spine.* Jul 2012; 79(4): 389-92. PMID 21703900
17. Al Nofal AA, Altayar O, BenKhadra K, et al. Bone turnover markers in Paget's disease of the bone: A Systematic review and meta-analysis. *Osteoporos Int.* Jul 2015; 26(7): 1875-91. PMID 26037791
18. Rianon N, Alex G, Callender G, et al. Preoperative serum osteocalcin may predict postoperative elevated parathyroid hormone in patients with primary hyperparathyroidism. *World J Surg.* Jun 2012; 36(6): 1320-6. PMID 22278606
19. McClung MR, Pinkerton JV, Blake J, et al. Management of osteoporosis in postmenopausal women: the 2021 position statement of The North American Menopause Society. *Menopause.* Sep 01 2021; 28(9): 973-997. PMID 34448749
20. Eastell R, Rosen CJ, Black DM, et al. Pharmacological Management of Osteoporosis in Postmenopausal Women: An Endocrine Society* Clinical Practice Guideline. *J Clin Endocrinol Metab.* May 01 2019; 104(5): 1595-1622. PMID 30907953
21. Shoback D, Rosen CJ, Black DM, et al. Pharmacological Management of Osteoporosis in Postmenopausal Women: An Endocrine Society Guideline Update. *J Clin Endocrinol Metab.* Mar 01 2020; 105(3). PMID 32068863
22. Singer FR, Bone HG, Hosking DJ, et al. Paget's disease of bone: an endocrine society clinical practice guideline. *J Clin Endocrinol Metab.* Dec 2014; 99(12): 4408-22. PMID 25406796
23. Camacho PM, Petak SM, Binkley N, et al. AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS/AMERICAN COLLEGE OF ENDOCRINOLOGY CLINICAL PRACTICE GUIDELINES FOR THE DIAGNOSIS AND TREATMENT OF POSTMENOPAUSAL OSTEOPOROSIS-2020 UPDATE. *Endocr Pract.* May 2020; 26(Suppl 1): 1-46. PMID 32427503

24. Cosman F, de Beur SJ, LeBoff MS, et al. Clinician's Guide to Prevention and Treatment of Osteoporosis. *Osteoporos Int*. Oct 2014; 25(10): 2359-81. PMID 25182228
25. McCloskey EV, Vasikaran S, Cooper C, et al. Official Positions for FRAX® clinical regarding biochemical markers from Joint Official Positions Development Conference of the International Society for Clinical Densitometry and International Osteoporosis Foundation on FRAX®. *J Clin Densitom*. 2011; 14(3): 220-2. PMID 21810528
26. Kendler DL, Compston J, Carey JJ, et al. Repeating Measurement of Bone Mineral Density when Monitoring with Dual-energy X-ray Absorptiometry: 2019 ISCD Official Position. *J Clin Densitom*. 2019; 22(4): 489-500. PMID 31378452
27. U.S. Preventive Services Task Force (USPSTF). Osteoporosis to Prevent Fractures: Screening. June 2018.
<https://www.uspreventiveservicestaskforce.org/uspstf/recommendation/osteoporosis-screening#fullrecommendationstart>. Accessed November 29, 2022.
28. Centers for Medicare & Medicaid Services. National Coverage Determination (NCD) for Collagen Crosslinks, any Method (190.19). 2002;
<https://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?NCDId=96&ncdver=1&DocID=190.19&SearchType=Advanced&bc=IAAAABAAAA&>. Accessed November 29, 2022.
29. Rules and Regulations: Medicare National Coverage Decision for Collagen Crosslinks, Any Method Other Names/Abbreviations. *Federal Register*. 2001;66(226):58843-58844.