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## May 2024 Vitalit-E-News References

### Osteoporosis: Silent but Potentially Deadly

Benedetti, Maria Grazia, et al. 2018. "The Effectiveness of Physical Exercise on Bone Density in Osteoporotic Patients." *BioMed Research International*; 2018: 4840531., doi:10.1155/2018/4840531

Bone and Health Osteoporosis Foundation. N.D. "Osteoporosis Fast Facts." <https://www.bonehealthandosteoporosis.org/wp-content/uploads/Osteoporosis-Fast-Facts-2.pdf>

Health in Aging. 2019. "How Do Older Adults Fare After Hip Fracture?" <https://www.healthinaging.org/blog/how-do-older-adults-fare-after-hip-fracture>

Kostecka, Małgorzata. 2014. "The Role of Healthy Diet in the Prevention of Osteoporosis in Perimenopausal Period." *Pakistan Journal of Medical Sciences*; 30(4): 763-8. doi:10.12669/pjms.304.4577

Laird, Eamon, et al. 2010. "Vitamin D and Bone Health: Potential Mechanisms." *Nutrients*; 2(7): 693-724. doi:10.3390/nu2070693

Mayo Clinic. 2024. "Osteoporosis." <https://www.mayoclinic.org/diseases-conditions/osteoporosis/symptoms-causes/syc-20351968>

Muñoz-Garach, Araceli, et al. 2020. "Nutrients and Dietary Patterns Related to Osteoporosis." *Nutrients*; 12(7): 1986. doi:10.3390/nu12071986

National Institute of Arthritis and Musculoskeletal and Skin Diseases. N.D. "Bone Mineral Density Tests: What the Numbers Mean." <https://www.niams.nih.gov/health-topics/bone-mineral-density-tests-what-numbers-mean>

National Health Service (NHS). 2024. "Food for Healthy Bones." <https://www.nhs.uk/live-well/bone-health/food-for-strong-bones>

National Institute of Arthritis and Musculoskeletal and Skin Diseases. "Overview of Osteoporosis." <https://www.niams.nih.gov/health-topics/osteoporosis/more-info>

Price, Charles T., et al. 2012. "Essential Nutrients for Bone Health and a Review of Their Availability in the Average North American Diet." *The Open Orthopaedics Journal*; 6: 143-9. doi:10.2174/1874325001206010143

Sahni, Shivani, et al. 2015. "Dietary Approaches for Bone Health: Lessons from the Framingham Osteoporosis Study." *Current Osteoporosis Reports*; 13(4): 245-55. doi:10.1007/s11914-015-0272-1

Saljoughian, Manouchehr. 2015. "Pros and Cons of Calcium Supplements." <https://www.uspharmacist.com/article/pros-and-cons-of-calcium-supplements>

### **Snack Healthier with Almonds**

Barreca, Davide, et al. 2020. "Almonds (*Prunus Dulcis* Mill. D. A. Webb): A Source of Nutrients and Health-Promoting Compounds." *Nutrients*; 12: 3 672. doi:10.3390/nu12030672

Dreher, Mark L. 2021. "A Comprehensive Review of Almond Clinical Trials on Weight Measures, Metabolic Health Biomarkers and Outcomes, and the Gut Microbiota." *Nutrients*; 13(6): 1968. doi:10.3390/nu13061968

Pepa, Giuseppe Della, and Maria Luisa Brandi. 2016. "Microelements for Bone Boost: the Last but Not the Least." *Clinical Cases in Mineral and Bone Metabolism: The Official Journal of the Italian Society of Osteoporosis, Mineral Metabolism, and Skeletal Diseases*; 13(3): 181-185. doi:10.11138/ccmbm/2016.13.3.181

Platt, Ilana D et al. 2011. "Postprandial Effects of Almond Consumption on Human Osteoclast Precursors--An ex Vivo Study." *Metabolism: Clinical and Experimental*; 60(7): 923-9. doi:10.1016/j.metabol.2010.08.012

### **Homemade Almond Milk**

Minimalist Baker. N.D. "How to Make Almond Milk." Minimalist Baker. <https://minimalistbaker.com/how-to-make-almond-milk/>

### **Comfrey to Dull the Ache**

European Medicines Agency. 2024. "European Union Herbal Monograph on *Symphytum officinale* L., radix." [https://www.ema.europa.eu/en/documents/herbal-monograph/final-european-union-herbal-monograph-symphytum-officinale-l-radix\\_en.pdf](https://www.ema.europa.eu/en/documents/herbal-monograph/final-european-union-herbal-monograph-symphytum-officinale-l-radix_en.pdf)

Staiger, Christiane. 2012. "Comfrey: A Clinical Overview." *Phytotherapy Research*; PTR 26(10): 1441-8. doi:10.1002/ptr.4612

### **What's Strontium?**

Kołodziejaska, Barbara, et al. 2021. "The Influence of Strontium on Bone Tissue Metabolism and Its Application in Osteoporosis Treatment." *International Journal of Molecular Sciences*; 22(12): 6564. doi:10.3390/ijms22126564

Marx, Daniella, et al. 2020. "A Review of the Latest Insights into the Mechanism of Action of Strontium in Bone." *Bone Reports*; 12: 100273. doi:10.1016/j.bonr.2020.100273

Ourania I. Koukou, et al. 2020. "The Effect of Strontium Ranelate on Fracture Healing: An Animal Study". *BioMed Research International*; 2020: 1085324. <https://doi.org/10.1155/2020/1085324>

Price, Charles T., et al. 2012. "Essential Nutrients for Bone Health and a Review of their Availability in the Average North American Diet." *The Open Orthopaedics Journal*; 6: 143-9. doi:10.2174/1874325001206010143

## **Exercise for Your Bones**

Benedetti, Maria Grazia, et al. 2018. "The Effectiveness of Physical Exercise on Bone Density in Osteoporotic Patients." *BioMed Research International*; 2018: 4840531. doi:10.1155/2018/4840531

Bone Health & Osteoporosis Foundation. N.D. "Be Bone Strong - Weight Bearing."  
<https://www.bonehealthandosteoporosis.org/preventing-fractures/exercise-to-stay-healthy/weight-bearing/>

Shanb, Alsayed A., and Enas F. Youssef. 2014. "The Impact of Adding Weight-bearing Exercise Versus Nonweight Bearing Programs to the Medical Treatment of Elderly Patients with Osteoporosis." *Journal of Family & Community Medicine*; 21(3): 176-81. doi:10.4103/2230-8229.142972

Xiaoyang Tong, et al. "The Effect of Exercise on the Prevention of Osteoporosis and Bone Angiogenesis", *BioMed Research International*, vol. 2019, Article ID 8171897, 8 pages, 2019. <https://doi.org/10.1155/2019/8171897>