

WEEKLY PRODUCT FEATURE

Bio-D-Mulsion Forte®



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People not sufficiently exposed to the sun do not synthesize adequate vitamin D in order to meet physiological requirements. While vitamin D is synergistic to both calcium and magnesium, and the importance it plays in neuromusculoskeletal functioning has long been recognized, modern research is finding that vitamin D deficiency plays an important role in a wide variety of processes. They include (but are not limited to) cardiovascular, immune, and psychological functioning. Additionally, the discovery of vitamin D receptors in tissues other than the gut and bone – particularly the brain, breast, prostate, and lymphocytes – has led recent researchers to suggest the utilization of higher amounts of supplemental vitamin D for a wider range of applications in order to maintain and improve patient health. Evidence suggests that vitamin D deficiency is particularly common among patients with inflammatory and autoimmune disorders, and that vitamin D can modulate inflammatory responses. Biotics Research has developed a proprietary delivery system of utilizing microemulsified cholecalciferol (vitamin D₃) for enhanced absorption, which can be especially important with patients with mal-absorption issues. Clinical studies have demonstrated that **Bio-D-Mulsion Forte®** is safe and effective for infants and children, healthy adults, and even cancer patients. Each drop of **Bio-D-Mulsion Forte®** supplies 2,000 IU of vitamin D₃. With an increased knowledge of the importance of maintaining adequate vitamin D levels, many clinicians recommend supplementation and annual screening for 25-OH-vitamin D levels, especially for patients at risk for deficiency as well as for those who may benefit from supplementation.



Research Pertaining to Other Topics of Interest

Not all vitamin D supplements are created equal. Previous research conducted by Consumer Labs found that of commercially available vitamin D supplements tested, a significant number (29%) failed to meet quality standards including incorrect amount of vitamin D, heavy metal contamination and/or labeling infractions. Researchers from Bastyr University Research Center presented findings comparing vitamin D₃ supplements from three well known dietary supplement manufacturers; Vital Nutrients, Inc., Integrative Therapeutics, Inc., and Biotics Research Corporation. The aim of the research was to evaluate the vitamin D₃ concentration and variability in each of the three supplements, and to report the variability of each product relative to the manufacturers' label claim. Evaluation was conducted by a third-party analysis. Researchers concluded that of the three products tested, only the emulsified vitamin D from Biotics Research Corporation was consistent with its label claim and concentration variance (i.e. dose to dose variability).

Findings Presented at AANP Annual Conference, Bellevue, WA, Aug 2012

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.