



Weekly Practice Builder

In response to increasing demand from Practitioners, Biotics Research has developed the Weekly Practice Builder program to bring important, leading-edge information and literature to you, thereby helping facilitate the growth of your practice. Biotics Research products are available exclusively through Healthcare Providers.

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Our featured supplement of the week is the **Bio-CMP™**

Why do your patients need Bio-CMP™? When nutrient flow to muscle fibers is inhibited, a shortening or contracture of the muscle may occur. This shortening is frequently referred to as cramping and can cause considerable discomfort for your patients. Certain nutrients, such as calcium, magnesium, and potassium play a crucial role in the skeletal system and muscular function. Calcium is the most abundant mineral within the body. It comprises ~2% of the total body weight. In addition to its major function in the maintenance and repair of bone, calcium is important for most enzymatic activity, muscular contraction, the release of neurotransmitters, the regulation of cardiac function, and for blood clotting. Magnesium is the second most abundant mineral within the body. Like calcium, it is also contained in bone, muscle, and soft tissues. Magnesium plays a crucial role in energy production, and is necessary for activating nearly all enzymes. Magnesium deficiency, however, is overwhelmingly common in the United States –with many authorities estimating that over 80% of the population have insufficient magnesium status. Seniors and menstruating women are particularly susceptible to magnesium deficiency. Lastly, magnesium is required for the activation of the potassium and sodium pump that pumps sodium out of the cells and potassium into the cells in order to avoid a disruption of cellular function (membrane potential). This activity has been estimated to account for 20%-40% of the total resting energy expenditure in the average adult. Potassium is one of the most important dietary electrolytes since it is critical for the transmission of nerve impulses, muscle contraction, and cardiac rhythm. Certain medications, such as diuretics, decongestants, and laxatives can deplete potassium levels. Extreme exercise, excessive alcohol consumption, or chronic vomiting or diarrhea may also lead to dangerously low potassium levels.



Why choose Bio-CMP™ from Biotics Research Corporation? Bio-CMP™ is a special blend of electrolyte minerals designed to support muscular function. Each tablet contains a combination of 200 mg of calcium (as calcium gluconate), 100 mg of magnesium (as magnesium gluconate), and 100 mg of potassium (as potassium chloride) which supplies 18 mg of calcium, 5 mg of magnesium, and 52 mg of potassium in their respective elemental forms. Bio-CMP™ is many physicians' first choice for supporting patients experiencing muscle cramping, particularly lower extremity and uterine spasm. Once again, you can count on Biotics Research Corporation to bring you "The Best of Science and Nature".

Questions? Comments?
Biotics Research wants to
hear from you!



Email us at:
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Studies You Should Know About

Colorectal cancer risk may be slashed by vitamin B6. A study of nearly 15,000 men reported that increased blood levels of vitamin B6's active form, pyridoxal 5'-phosphate (PLP) was associated with a nearly 50% reduction in risk of colorectal cancer. Lee JE, Li H, Giovannucci E, Lee IM, Selhub J, Stampfer M, Ma J. "Prospective Study of Plasma Vitamin B6 and Risk of Colorectal Cancer in Men. *Cancer Epidemiology, Biomarkers & Prevention*. 2009, Volume 18, Pages 1197-1202.



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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.