



## Weekly Practice Builder

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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.

### Our featured supplement of the week is **Butyric-Cal-Mag™**

#### Why do your patients need **Butyric-Cal-Mag**?

**Butyric-Cal-Mag™** is a source of Butyric Acid, a low molecular weight, short-chain, water soluble fatty acid. Butyric acid has numerous biological properties. Long recognized for its ability to help probiotic strains adhere to the intestinal lining, butyric acid also helps to increase the natural healing mechanism of gut tissue. It is a prime energy source for cells of the colon and may play an anti-inflammatory role. Low concentrations of butyrate are frequently found in the colons of patients with inflammatory bowel disorders. Additionally, persons consuming low carbohydrate diets also tend to have low butyrate levels. Recent studies are exploring butyric acids' immunological effects; chemopreventive properties have been noted in some studies, and of particular interest is research about butyric acids' role in the desensitization of the gastrointestinal tract from food allergies and sensitivities.



#### Why choose **Butyric-Cal-Mag** from Biotics Research Corporation?

Butyric acid is naturally formed in the colon from the fermentation of dietary fiber by friendly bacteria; therefore butyric acid production may be enhanced by the increased consumption of fiber. This may be achieved dietarily or via supplementation with a product such as **Colon Plus™**. **Butyric-Cal-Mag™** contains calcium and magnesium salts of butyric acid, along with vitamin A (as beta carotene and palmitate 1:1) and pantothenic acid. As with all supplements from Biotics Research Corporation, when you purchase **Butyric-Cal-Mag™**, you can be confident that you are getting a superior quality supplement that has exceeded all biological, purity, and heavy metal testing. As always, Biotics Research brings 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

**Low Serum Levels of Vitamin D Associated with All-Cause and Cardiovascular Mortality.** A long-term study (median follow-up period of 7.7 years) found that low levels of 25-hydroxyvitamin D were significantly correlated with variables of inflammation (C-reactive protein and interleukin 6 levels), oxidative burden (serum phospholipid and glutathione levels), and cell adhesion (vascular cell adhesion molecule 1 and intracellular adhesion molecule 1) levels. Collectively supporting the model that low vitamin D levels are independently associated with all-cause and cardiovascular mortality. Dobnig H, Pilz S, Scharnagl H, et al. Independent Association of Low Serum 25-Hydroxyvitamin D and 1,25-Dihydroxyvitamin D Levels With All-Cause and Cardiovascular Mortality. Arch Intern Med. 2008;168(12):1340-1349.



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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.

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