



Weekly Practice Builder

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In response to increasing demand from our Practitioners, Biotics Research has implemented a new e-mail 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 **E-200 Hy™**

Why do patients need E-200 Hy™? Vitamin E is not a single compound, but rather a mixture of 8 isomers – consisting of 4 tocopherols (α -, β -, γ -, δ -) and 4 tocotrienols (α -, β -, γ -, δ -). Most natural forms of vitamin E are centered on the alpha isomer. Biotics Research Corporation is pleased to offer **E-200 Hy™** supplying a significant level of gamma tocopherol (γ -tocopherol). The unique biological and chemical properties of the tocopherols has been correlated to their important roles in the intracellular defense against radical-mediated damage. It has been suggested that γ -tocopherol's unique activity stems from its ability to minimise cellular damage resulting from the production of endogenous nitrous oxide (NO). Additionally, increased consumption of γ -tocopherol has been associated with a reduced relevance of prostate and coronary complications.

Why choose E-200 Hy™ from Biotics Research Corporation? While there are innumerable natural vitamin E products available in the market, **E-200 Hy™** is a cutting-edge nutritional product brought to you by Biotics Research Corporation. Research has shown that, unlike α -tocopherol, γ -tocopherol exhibits anti-inflammatory activity. Both γ -tocopherol, and its metabolite 2,7,8-trimethyl-2-(β -carboxyethyl)-6-hydroxychroman (γ -CEHC) were shown to inhibit the synthesis of prostaglandin E2 (PGE2) via inhibition of its catalyst cyclooxygenase-2 (COX2), providing evidence of γ -tocopherol's anti-inflammatory properties. As always, you can count on Biotics Research Corporation to offer superior nutritional products supplying "The Best of Science and Nature".



Studies You Should Know About

Just in time for holiday snacking: Study shows that dark chocolate protects against DNA damage. A study recently published in the British Journal of Nutrition found the consumption of polyphenol-rich dark chocolate may protect DNA from oxidative damage, and thereby reduce arterial hardening and heart disease. Measurements were taken at specific intervals after chocolate consumption, and the benefits were noted to appear rather quickly, with increases in plasma catechin rising as quickly as 2 hours after consumption, and decreases in mononuclear blood cell DNA damage also noted.

Spadafranca A, Martinez Conesa C, Sirini CS, and Testolin G. "Effect of dark chocolate on plasma epicatechin levels DNA resistance to oxidative stress and total antioxidant activity in healthy subjects", *British Journal of Nutrition*, Published online ahead of print, doi: 10.1017.

Questions? Concerns?
Comments? Nutri-Link
wants to hear from you!



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