



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 Bio-Cyanidins®

Why do your patients need Bio-Cyanidins®? All higher plants contain an extensive array of polyphenols, flavonoids, and complex aromatic compounds. The ability to synthesise these materials probably evolved in order to protect plant tissues from the potentially harmful effects of sunlight and oxygen. Oligomeric proanthocyanidins (OPCs) represent a major class of polyphenols, consisting of dimers, trimers, and tetramers of flavones. Proanthocyanidins have been isolated from a wide variety of plants, most notably in tree fruits such as apples, in berries and grapes, in tea leaves, seed coats, and in certain types of bark, such as pine. Polyphenols have a broad array of physiological effects. As an example, many polyphenols and flavonoids have been shown to trap free radicals and prevent oxidative damage. Pycnogenol™ and grape pip OPCs have been studied extensively in Europe and their antioxidant activity has been noted. Other functions of proanthocyanidins include:

- Vasoactive properties via the suppression of a protein endothelin-1, which acts to constrict blood vessels. Additionally, proanthocyanidins function to strengthen capillaries, which can be a real concern for individuals with compromised capillary beds such as seniors, diabetics, smokers, and those on certain hormone products.
- Playing a role in the stabilisation and repair of collagen and in the maintenance of elastin – two critical proteins in connective tissue that support skin elasticity, joints, blood vessels, organs and muscles.
- Reducing histamine production, thereby supporting healthy responses to allergens.
- Crossing the blood-brain barrier, thereby counteracting free radicals in the vessels of the brain

Why choose Bio-Cyanidins® from Biotics Research Corporation? Available exclusively through Biotics Research Corporation, **Bio-Cyanidins®** is an excellent source of proanthocyanidins, with each tablet supplying 15 mg of Pycnogenol™ Pine Bark Extract and 35 mg of Grape Seed Extract (95% OPCs). As always, Biotics Research brings you *"The Best of Science and Nature"*.



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

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