



In response to increasing demand from Practitioners, Biotics Research Corporation 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 through improved patient outcomes. Biotics Research Corporation products are available exclusively through Healthcare Providers.

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

Nutrition House, 24 Milber Trading Estate, Newton Abbot, Devon, TQ12 4SG. UK

Telephone: +44 (0) 8704 054 002 • Fax: +44 (0) 8704 054 003 • www.nutri-linkltd.co.uk

For the Health of Your Patients:

The conditionally essential amino acid N-acetyl-L-Cysteine has all of the properties of L-Cysteine, but is more water-soluble, and according to the literature and clinical feedback, is more bioavailable than L-Cysteine. It is one of only three sulfur bearing amino acids (the others being taurine and L-methionine) and as such, acts as a sulfur donor in phase II detoxification, and as a methyl donor in the conversion of homocysteine to methionine. **NAC** is also one of the most cost effective ways to boost systemic levels of glutathione. Glutathione is a critical component of the immune system, and it plays a vital role as the cofactor for the antioxidant enzymes glutathione peroxidase and glutathione transferase. Glutathione is also important to the liver, as the liver utilises it for drug detoxification. In addition to being a potent antioxidant, **NAC** is recognised for its ability to reduce the viscosity of mucus and aid in its elimination; this can be especially important for those with bronchial congestion. Amongst other things, **NAC** has also been attributed with the chelation of heavy metals, modulation of metabolism, regulation of gene expression and signal transduction pathways, anti-inflammatory activity, anti-angiogenic activity, inhibition of cellular dysfunction, ability to block NF-kappaB activation, and providing protection against the adverse effects of chemopreventative and chemotherapeutical agents.



For the Health of Your Practice:

When you purchase **NAC** from Biotics Research Corporation you can be confident that you are purchasing superior quality N-acetyl-L-Cysteine that has met or exceeded all biological, purity, and heavy metal testing parameters. Heavy metal testing in particular is very important to look for in regards to **NAC** due to the fact that as a natural chelator of heavy metals, inferior grade **NAC** can assay very high in heavy metal contamination. While very effective as a stand alone supplement, **NAC** is known to be synergistic with both vitamin C (**Bio-C Plus 1000™**) and quercetin (**Bio-FCTS™**). As always, Biotics Research brings you *"The Best of Science and Nature"*.