



NAC Forte (N-Acetyl Cysteine)

Complete Support Formula
120 Veggie Capsules NPN 80044162

Matrix Nutritional Series

Anti-Oxidant, Heavy Metals, Liver/Lung, Inflammation

NOT FROM CHINA! NOT FROM HUMAN HAIR!

Matrix Nutritionals Series was designed as an eclectic offering for the Physica Energetics line of remedies primarily to assist in the "reactivation of the mesenchyme" (Dr. Reinhold Voll), via the nutritional complement pathways. These pathways are present in every system throughout the body and require balanced attention. In keeping with the principles of BioEnergetic Medicine, the remedies nourish and support these systems without punishing them with overstimulation or imbalancing factors, which, ultimately, is counterproductive. This approach has been carefully and respectfully designed to provide the necessary natural (organic where available), synergistic factors in proper energetic and biochemical ratios, to ensure assistance towards yielding a deep and lasting result. They are not to be confused with replacement therapy nutraceuticals that may seem to help for the moment, until the patient stops taking them or the condition is driven deeper. These remedies honour The Legacy of BioEnergetic Medicine, and are known by both patient and practitioner to be exceptionally effective.

NAC is an amino acid, a precursor to glutathione, the body's 'most powerful antioxidant. It replenishes intracellular levels of the natural antioxidant glutathione (GSH), helping to restore cells' ability to fight damage from reactive oxygen species (ROS).

NAC has been successfully used as treatment for acute poisoning with **acetaminophen-containing pain-relieving drugs**. Acetaminophen is sold as Tylenol® and combined with other drugs to create analgesic compounds, including Vicodin® and Percocet®. **Overdoses with acetaminophen are the number one cause of acute liver failure in the United States.** Too much acetaminophen overwhelms the body's glutathione reserves, which creates widespread and potentially irreversible liver damage.

NAC has been used successfully to treat glutathione deficiency in a **wide range of infections, genetic defects and metabolic disorders, including HIV infection and COPD.** Over two-thirds of 46 placebo-controlled clinical trials with orally administered NAC have indicated beneficial effects of NAC measured as trial endpoints.

Much of NAC's beneficial activity derives from its capacity to modulate expression of genes for myriad **signalling molecules in the inflammatory response.** NAC inhibits expression of pro-inflammatory cytokines following exposure to **bacterial cell components** and infection with **influenza A virus.**

NAC fights **Helicobacter pylori** by inhibiting the organism's growth while **reducing production of inflammatory cytokines** that can lead to gastritis and other debilitating challenges.

NAC suppresses **nuclear factor-kappaB (NF-kB)**, which in turn prevents activation of multiple inflammatory mediators. NAC also **regulates the gene for COX-2**, the enzyme that produces pain in a wide array of chronic conditions. NAC also regulates expression of scores of **genes in the pathways that link oxidative stress to inflammation.**

Oxidative stress and inflammation are closely linked to insulin resistance and **rising blood glucose levels.** These effects are not limited to those with **diabetes**, but in fact are found even in **obese, non-diabetic people** and those with **metabolic syndrome.** There are multiple steps in the cascade of events leading from **oxidation to damaged insulin receptors and insulin resistance**, so it makes sense to include NAC Forte that can target those steps independently.

NAC's ability to replenish intracellular glutathione and **reduce free radical damage** provides significant protection against **DNA damage (think PRP53 Code Liposome)** and may nutritionally help reduce cancer development.

NAC **neutralizes toxins and pollutants** including **heavy metals** that accumulate in the liver, kidneys and fatty parts of the body (think: LPO-Tox). It is interesting to note that **@80%** of the glutathione produced in the liver is transported to the bloodstream to be used by the kidneys for detoxification.

Restoring glutathione levels with NAC Forte helps liver cells protect themselves from ongoing damage caused by fatty accumulation, pathogenic infections, heavy metals, biofilms, oxidation, drug induced damage, alcohol excess or autoimmune inflammation.

1 veggie capsule contains:

NAC (N-acetyl cysteine) 900 mg



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Patient Reference