# Colds, Flu, Allergies, Immune System Respond to Nutritional Support

### Numerous Scientific Investigations Demonstrate Dependency of the Immune System upon Nutrition

**Coryza Forte**<sup>™</sup> is a blend of nutrients, in capsule form, intended for the prevention and nutritional support in the treatment of <u>upper respiratory conditions including colds</u>, flu, allergies, tonsilitis, bronchitis and sinusitis.

Numerous scientific investigators have demonstrated the relationship between nutrients and components of the immune system such as T and B lymphocytes, immunoglobulins and the energy and chemistry of producing antibodies.

Based upon this body of research, one can look at nutrition from either a prophylactic viewpoint or as support for a compromised immune system. A decrease in the body's defenses can result from protein/calorie malnutrition and deficiencies of specific micronutrients.

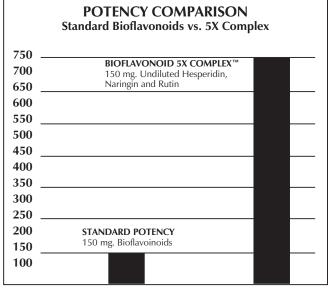
#### **CORYZA FORTE**<sup>™</sup>

y Value	
80%	
500%	
750%	
250%	
4%	
33%	
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*	
drenal,	
e flour,	
<b>RECOMMENDED USE:</b> For acute symptoms, 3 capsules	
per hour for 2 hours then 1 capsule per hour until symp-	
toms abate. For maintenance or chronic condition, 3 to 6	

### Exclusive Citrus Bioflavonoid 5X Complex<sup>™</sup> Gives You 5 Times the Potency of Standard Products

capsules daily.

Many manufacturing procedures dilute bioflavonoids to such an extent that the active constituents are minimal. The exclusive, Undiluted Citrus Bioflavonoid 5X Complex<sup>™</sup> used in Coryza Forte<sup>™</sup> is <u>five times more potent than the</u> <u>bioflavonoids used in most nutritional supple-</u> <u>ments</u>. This means that 150 mg. of our undiluted



bioflavonoids is equal to 750 mg. of standard bioflavonoid preparations.

### Bioflavonoids and Vitamin C Work Most Effectively Together

Clinical studies indicate that the action of both vitamin C and bioflavonoids are enhanced when the two are taken together. This combination reduces cold and allergy symptoms and inflammation by <u>inhibiting the release of histamines and</u> other inflammatory <u>substances</u> into the tissues.

**Vitamin C**, richly found in white blood cells, stimulates the production of <u>interferon</u>, enhances the activity of <u>T-type lymphocytes</u> and influences <u>phagocytic cell migration</u> and function. Because Vitamin C is a natural antioxidant it aids in the protection of the immune system through its <u>detoxifying action in the system</u>. Large concentrations of vitamin C are found in the adrenal gland and the vitamin is essential for the formation of <u>adrenaline</u>. It is also necessary for the metabolism of many other vitamins, minerals, amino acids and cholesterol. During stress conditions, including all types of disease or illness, vitamin C is rapidly depleted and must be replenished.

# Echinacea Stimulates Lymphatic System, Purifies Blood

Echinacea is popular in Germany for stimulation of the immune system. Medical doctors in the early twentieth century observed in laboratory studies that the herb raises white blood cell count through <u>stimulation of the lymphatic system</u>. This, in turn, brings about a state of induced phagocytosis, wherein the white blood cells begin to <u>digest or absorb harmful bacteria</u>.

Two active principles responsible for increasing resistance are polysaccharides. These high molecular weight principles <u>stimulate phagocytosis</u>, in-<u>crease respiratory activity and increase mobility of</u> <u>leukocytes</u>. The result is normalization of the body's general condition which is especially important in combating the common cold, some throat ailments and general debilitation. Echinacea is also considered to be one of the finest <u>blood-purifying</u> herbs in the entire botanical kingdom. Among the complex constituents of echinacea are inulin, sucrose, betaine and echinacoside (a caffeic acid glycoside).

**Betaine** has <u>antiseptic properties</u> which operate within the tissues. The combination of betaine and caffeic acid, acts as a <u>blood purifier and internal</u> <u>decongestant</u>. They <u>break up accumulated mucous</u> by redistributing toxic molecules responsible for its buildup and reorganizing enzyme patterns within the body to effectively <u>remove viral formations</u>.

Inulin is rapidly absorbed into the kidneys where it cleanses and strengthens that organ as well as surrounding organs (i.e., <u>liver</u>, <u>spleen</u>, <u>pancreas</u>).

## **Specific Nutrients Indicated for Immune Competence**

Recent clinical studies indicate many individual nutrients that are vitally important to immune competence.

- Vitamin A enhances lymphocyte function with increased phagocytic activity.
- Beta Carotene, provitamin A, is considered the most effective anti-oxidant nutrient against singlet oxygen free radicals. Both beta carotene and vitamin A promote production of various protective mucous secretions and maintain epithelial tissue.
- Vitamin B-6 enhances both cellular and humoral immunity. It appears to protect nucleic acids and promote T-type lymphocyte production.
- Pantothenic Acid, also known as vitamin B-5, promotes adrenal function and reduces histamine production.
- Calcium is important because of its role in maintaining healthy bone marrow which is the site of lymphocyte origination.
- Zinc increases antibody response to infection and works synergistically with vitamin A. Zinc is also involved in prostaglandin formation as well as increasing thyroid and thymic hormone output.
- Pollen is a complete food. Analysis has shown pollen to contain all known water soluble vitamins, 22 amino acids, 27 mineral salts, trace elements and various enzymes. It is believed that the deoxyribosides contained in pollen are absorbed by the cell resulting in the production of interferon, the body's own potent antiviral substance.

For glandular support, raw glandular concentrates are included in the Coryza Forte base.

- Raw adrenal concentrate contains active enzymes involved in the metabolism of corticosteroid substances, thus reducing inflammation and regulating immune response.
- Raw thymus, spleen, lymph and RNA rally the immune system and accelerate drainage of the lymphatic system, thus relieving head congestion associated with colds, flu and allergies.

WARNING: This information is provided for health care professionals only. This publication and the product contained herein have not been approved or evaluated by the Food and Drug Administration. This publication, and the product contained herein are not intended to diagnose, treat, cure or prevent any disease. The product relates to nutritional support only.

#### **REFERENCES:**

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