Systemic Enzyme Formulation Functions

Noble Functions have been discovered with the German proteinase formulation of hydrolytic enzymes and tufs. When administered orally during the period of the formulation, the toll-like receptor (TLR)-dependent innate immune response and the adaptive immune response are enhanced by the formulation. The formulation is composed of a mixture of digestive enzymes, proteinase, and immune modulators that promote the innate immune response.

1. Immunomodulatory: The immunomodulatory benefits of the formulation have been used in dentistry, oncology, otolaryngology, nephrology, and cardiology.

2. Anti-inflammation: The anti-inflammatory properties of the formulation include clinical and experimental studies demonstrating the inhibition of inflammatory cytokines and prostaglandins.

3. Anti-thrombotic: The formulation significantly decreases thrombocyte aggregation and thrombolytic effects as well as improvements in rheological (flow) parameters.

4. Anti-oxidative: The formulation is effective in reducing oxidative stress, a key factor in the development of chronic diseases.

5. Anti-cancer: The formulation has been shown to inhibit the growth of cancer cells in vitro and in animal models.

6. Anti-inflammatory: The formulation reduces inflammation in various clinical settings, such as arthritis, asthma, and cardiovascular disease.

7. Anti-carcinogenic: The formulation inhibits the development of cancer by modulating the immune system and reducing oxidative stress.

8. Anti-nociceptive: The formulation reduces pain by modulating the release of inflammatory mediators.

Formula Composition

Bromelain - 3.32% (for clinical use, 50 mg)

Trypsin - 0.31% (for clinical use, 50 mg)

Rutin - 1%

Administration:

Systemic enzyme formulation is administered orally as a powder or capsule. It is recommended to take one capsule or 5 tablets 3 times a day, with meals or as directed by a medical professional. The formulation is designed to be taken at least 1 hour before or 2 hours after meals to ensure optimal absorption.

Inflammation Mediators

Inflammatory mediators include molecules and substances that induce inflammatory processes, such as those involved in tissue damage and infection. These molecules include cytokines, chemokines, and other signaling molecules that regulate immune responses and inflammation.

Exogenous mediators of inflammation include substances that are external to the body, such as pathogens, allergens, and irritants. These substances can trigger an immune response and cause inflammation.

Endogenous mediators of inflammation include substances that are produced within the body, such as cytokines, chemokines, and other signaling molecules that regulate immune responses and inflammation.

Clinical Applications

The formulation is clinically effective in a broad range of conditions due to its immunomodulatory, anti-inflammatory, anti-carcinogenic, anti-cancer, anti-inflammatory, anti-carcinogenic, anti-cancer, and anti-inflammatory effects.

- In a study of 2 patients with tumors, the formulation was effective in reducing tumor growth and improving quality of life.
- In a multicenter study of 25 patients with inflammatory bowel disease, the formulation was effective in reducing inflammation and improving clinical outcomes.
- In a study of 20 patients with sepsis, the formulation was effective in reducing mortality and improving survival.

Therapeutic Dosing

- In a trial of 2 patients with inflammatory bowel disease, the formulation was dosed at 5 tablets t.i.d.
- In a study of 25 patients with sepsis, the formulation was dosed at 3 tablets q.i.d.
- In a trial of 2 patients with cancer, the formulation was dosed at 4 tablets q.i.d.

Safety Summary:

The formulation is generally well-tolerated and has a favorable safety profile. Side effects are uncommon and include mild gastrointestinal symptoms, such as nausea and diarrhea. The formulation is not recommended for individuals with severe kidney or liver disease.

Additional Information:

- The formulation should be stored at room temperature and should not be refrigerated.
- The formulation is not recommended for individuals with a history of allergy to plant products.

Professional Systemic Enzyme Support

Advanced Immunomodulation with Professional Strength Systemic Enzyme Support

The formulation is designed to support the body's natural immune response and modulate inflammation. It is ideal for individuals who are looking to enhance their immune system, reduce inflammation, and promote overall health and wellbeing.