

Rationale For Pepzhac™

The stomach is a complex organ intimately integrated with the rest of the body. Aside from preparing food for its journey through the rest of the digestive tract, the stomach is the first line of defense against ingested pathogens and toxins. A properly functioning stomach is able to inactivate pathogenic organisms and quickly rid the body of dangerous substances through vomiting. The superior (upper) part of the stomach is designed to hold food for a time to permit intrinsic enzymes within natural raw foods to autodigest the meal. Modern processed (killed) foods are devoid of such enzymes and

thus place the entire burden of digestion on intrinsic capabilities. (For further discussion of the importance of food enzymes see Zymase™, Probiocin™, and Salad™ monographs.) Modern foods by their very life-less nature place a burden that is not meant to be on the stomach and digestive tract.

If this assault is not enough, consider that the stomach is the first to receive a host of non-food additives including dyes, preservatives, and chemicals totally foreign to the biological experience. Additionally the stomach must accommodate a constant loading of mixed foods – often when it has already signaled that it is full or has not even emptied yet from the last meal.

The stomach is designed to fill, work, and rest. Instead it overfills with the wrong things, overworks, and never rests. The result is a host of stomach maladies including ulcers, reflux (often mistaken as a heart attack), ineffective digestion, acid deficiency (extremely common as we age), allergic reactions and food sensitivities and cancer. Stomach ailments are among the most common complaints in middle and later years and are among the most common reasons for medical care visits. Literally boat and trainloads of stomach medicines are consumed resulting in only temporary relief while the inciting cause of damage continues unchecked.

Eating is one of life's greatest pleasures. Experiencing pain and distress after every meal certainly diminishes life and can result in constant stress and worry about what or whether to eat. This anxiety can in turn cause nutritional and stress-induced disease, further robbing life of its potential.

The stomach can be healed and returned to a healthy state. It will mean addressing causes, however, and not relying on quick-fix approaches such as antacids. Unhealthy living is the ultimate cause of stomach problems. We are living and eating counter to the way we are genetically designed. Restoring a natural food and living context is the key to health. Please refer to the Wysong Optimal Health Program for guidance.

PEPZHAC™ Nutrient Support Formula W Y S O N G

PURPOSE:

A nutritional supplement designed to support the health of the stomach and gastric mucosa.

INGREDIENTS:

Natural Phytonutrient Extracts and Concentrates of Deglycyrrhized Licorice, Ginger, Plantain, and Aloe; Glutamine.

- Contains no additives -

DIRECTIONS:

Suggested Dosage: Two capsules three times daily. Pepzhac™ is best assimilated if swallowed with meals. For best results, Pepzhac should be used as part of the Wysong Optimal Health Program™.

For long-term usage discontinue two days out of every week and five successive days every month to decrease the potential for intolerance developing.



Pepzhac™ is the result of several years of research seeking non-toxic natural nutritional supplements. Ingredients have been selected based upon the weight of scientific evidence and traditional experience with their use. Supplementation with natural nutrients and “nutraceuticals” is an emerging science and precise mechanisms of action have not been determined in many cases.

Biochemistry

Pepzhac deglycyrrhizinized licorice (DGL) is a very effective antiulcer agent. Pepzhac DGL is effective for peptic, gastric, and duodenal ulcers. It is thought to stimulate and/or accelerate cellular differentiation, as well as mucus formation and secretion.

Pepzhac ginger is known to have many pharmacological properties, some of which are the result of its ability to inhibit prostaglandin synthesis.

Prostaglandins occur naturally in the body and have a variety of hormone-like actions such as causing inflammation. In addition, Pepzhac ginger is a potent antioxidant.

Pepzhac aloe has been found to contain anthraquinones, saccharides, prostanoids, enzymes, vitamins, minerals, and numerous other constituents. It is believed to heal and prevent ulcers by 1) inactivating pepsin 2) interfering with the release of hydrochloric acid by binding to the parietal cells that release it 3) acting as a demulcent to help heal and prevent irritants from reaching the ulcer while it is healing.

Pepzhac plantain is believed to exert its effect by increasing gastric mucous production, and by increasing the rate at which new cells grow and proliferate in the digestive tract. It is thought that Pepzhac glutamine works by stimulating the stomach to increase mucous production. Glutamine is categorized as a non-

essential amino acid and it is the most abundant amino acid in muscle and skeletal tissue.

Clinical Evidence

Pepzhac DGL has been clinically studied, and the results show its effectiveness in treating ulcers. One study followed the progress of 33 gastric ulcer patients either on Pepzhac DGL or a placebo for one month. After that time, the group on Pepzhac DGL had a 78% reduction in the size of their ulcers on average. The group on the placebo had only a 34% reduction in ulcer size. Forty-four percent of the treated group experienced complete healing of their ulcers, whereas this occurred in only 6% of the placebo group. Research has also shown Pepzhac DGL to be superior to antacids with nearly twice as many patients having complete healing after only 6 weeks. It has also been tested against cimetidine (Tagamet™) and found to be just as effective for short-term treatment and maintenance therapy of gastric ulcers.

Research has demonstrated that Pepzhac ginger is much more effective than Dramamine™ in preventing the symptoms of motion sickness, especially sea sickness (dizziness, nausea, vomiting, cold sweating). Also, Pepzhac ginger has dramatic effects on hyperemesis gravidarum, the most severe form of nausea and vomiting that usually requires hospitalization. This condition can occur during pregnancy, and one study showed that Pepzhac ginger significantly reduced the number and severity of nausea and vomiting attacks in women with this condition.

Patients with confirmed ulcers who were given Pepzhac aloe emulsion in mineral oil were completely healed in one year and had no recurrence. Additional work with aloe has shown that it can inhibit acid production by increasing the stomach pH, and that it can slow gastric emptying, maybe leading to improved digestion.

Research has shown that Pepzhac

plantain has anti-ulcerogenic activity against a variety of experimentally induced ulcers. It has been found to protect against ulcers induced with aspirin and histamine. Another study examined 40 men and women who suffered from dyspepsia (indigestion). Half of the subjects were given Pepzhac plantain and the other half were given no treatment. After 8 weeks the symptoms were partly or completely relieved in 75% of the patients in the treatment group.

Research has shown that glutamine is an important metabolic fuel for the cells of the gastrointestinal tract. The presence of this amino acid in cabbage juice is the likely reason for the remarkable healing effects that raw cabbage has on peptic ulcers.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

PEPZHAC™ SCIENTIFIC REFERENCES

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