



Presents for your consideration:

# Bio-Pan™, UltraGest™, and VegiZyme™

- ◆ Supports proper digestion
- ◆ Aids vitamin/mineral absorption/digestion

BioGenesis provides to you, the clinician, three very effective digestive aid formulas that can make a positive impact in your patient's response to any therapy you are administering. *Digestion is the key to health and optimal digestion is essential for optimal health to be realized.* Digestive enzyme support can, along with bowel flora balancing, will affect your patients' entire health. These products are designed to be well tolerated and highly active.

Bio-Pan™	Amounts per serving
Serving size	1 tablet
Pancreatin (raw pure porcine, lactose free)	500 mg.
Lipase	18500 USP units
Amylase	125000 USP units
Protease	115000 USP units
<b>Suggested Dose:</b> Take 1-2 tablets just prior to each meal or as directed by your health care practitioner.	

In Bio-Pan™, we provide Lipase for fat digestion, Amylase for carbohydrate/starch digestion, and Protease for protein digestion. This formula is best taken before a meal so that it can pass into the small intestine before acid secretion occurs in the stomach. Pancreatic enzymes function best in the alkaline pH of the small intestine and have little or no activity in an acid stomach.

Ultra-Gest™	Amounts per serving
Serving size	1 capsule
Betaine HCL	300 mg.
Glutamic HCL	150 mg.
Pepsin (1:10,000 lactose free)	25 mg.
Gentiana lutea	25 mg.
Ammonium chloride	70 mg.
<b>Suggested Dose:</b> Take 1-2 capsules mid to end each of meal or as directed by your health care practitioner.	

In Ultra-Gest™, we provide two forms of hydrochloric acid, Betaine HCL and Glutamic HCL. Glutamic HCL has been reported to be gentler on the stomach. Betaine or 'Trimethylglycine' acts not only as a carrier for hydrochloric acid, but also as a methyl donor for important liver detoxification pathways. Pepsin is the active portion of Pepsinogen. Pepsin acts as the active protein digesting enzyme in the stomach. The HCL in Ultra-Gest™ acts to enhance conversion of endogenous inactive Pepsinogen to active Pepsin. Ammonium Chloride, Gentiana lutea and Artemesia annua act to enhance endogenous HCL production.

VegiZyme™	Amounts per serving
Serving size	2 capsules
Protease	10000 PC
Protease II	20000 HUT
Protease III	100,000 USP
Peptidase	300 units
Amylase	19000 SKB
Lipase	9000 LU
Cellulase	1000 CU
Maltase	300 DP
Lactase	1400 FCC
Invertase	200 INVU
<b>Suggested Dose:</b> Take 1-2 capsules prior to each meal or as directed by your health care practitioner.	

VegiZyme™ provides a vegetarian source of enzymes for support of protein, fat and carbohydrate digestion. VegiZyme™ also provides the small intestine brush border enzymes (vegetarian source), cellulase (fibers), maltase (grains), lactase (milk sugar), and invertase (sugars), to help with completing the digestive process. Many patients who complain of difficulty in

digesting 'raw vegetables and certain raw fruits' are deficient in the cellulase enzyme. Maltase deficiency can impair complete digestion of grains and lead to grain intolerance. VegiZyme™ can be used as an excellent aid in the allergic patient.

## References:

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3. Hydrochloric acid supplementation was effective in "gastrogenous" (i.e. achlorhydric) chronic diarrhea (*Bulletin Gen. De Therapeutique, Paris* – abstracted in *JAMA* 39:55, 1902).
4. Giannella RA et al. Influence of gastric acidity on bacterial and parasitic enteric infections. *Ann Intern Med* 78:271-76, 1973.
5. Stauder G et al. The use of hydrolytic enzymes as adjuvant therapy in AIDS/ARC/LAS patients. *Biomed Pharmacother* 42:31-34, 1988.
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8. Steffen C et al. Enzymtherapie im vergleich mit immunokomplex-bestimmungen bei chronischer polyarthritis. *A Rheumatol* 44:51-56, 1985.

*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.*

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Compromise*



*Is the logical choice!*