Pancreas, Organic Glandular

Beef, Lamb, or Pork

(Hypoallergenic)

Pork: Item no. 71640, 60 capsules per bottle
Pork: Item no. 71650, 720 capsules per bottle
Beef: Item no. 71620, 90 capsules per bottle
Lamb: Item no. 71630, 90 capsules per bottle

The Possible Benefits of Pancreas Organic Glandular, a Dietary Supplement

- Provides enzymes and other factors that can enhance and support digestion
- Supports and modulates the immune function
- Helps establish and maintain balanced blood glucose levels
- May have androgenic and estrogenic properties, and rejuvenating qualities

Description

Glandular tissue can be a rich source of enzymes and other factors that promote specific gland-related metabolism and physiological function. Pancreas Glandular supports digestion, the immune system and balanced blood glucose levels. Clinical evidence established some 60 to 80 years ago that oral glandular therapy with appropriately processed material might have tremendous therapeutic value. Glandulars are believed to have immunomodulatory effects, androgenic and estrogenic properties and various rejuvenating qualities.

In the early 1900s, before insulin was discovered, it was found that diabetes mellitus was related to the lack of a certain factor normally secreted by the pancreas. William Berkeley discovered a chemical process for making a pancreatic extract which proved to be of great value in treating diabetes. This was a simple extract of whole pancreas to be taken orally. After insulin was isolated in 1922, it become commercially available and replaced oral administration of whole gland extract. Insulin has greatly helped millions of diabetic individuals over the years. However, in many cases there are undesirable side effects and the daily dose must be carefully monitored. No one knows how many diabetics who use insulin would benefit from the oral administration of pancreas glandulars.

In 1906, John Beard, Professor of Embryology at the University of Edinburgh, proposed that the pancreatic proteolytic enzymes represent the body's main defense against cancer and would be useful as a cancer treatment. For decades proteolytic enzymes have been used in alternative therapies to treat all forms of cancer. Some of the most intensive research has been done by Dr. Nicholas Gonzalez over the last 20 years. He conducted a retrospective review of 1306 patients who had been treated over a 20-year period by an unconventional practitioner who used enzyme therapy along with adjunctive dietary and nutritional support. Since 1987, Dr. Gonzalez has been applying the therapy to poor-prognosis cancer. In 1993, he presented a selection of cases from his own practice at a meeting of the National Cancer Institute. In 1999, he published a 2-year, unblinded, 1-treatment arm, 10-patient, pilot prospective case study. It was used to assess survival in patients suffering inoperable stage II-IV pancreatic adenocarcinoma treated with large doses of orally ingested pancreatic enzymes, nutritional supplements, detoxification procedures, and an organic diet. As of January 12, 1999, of 11 patients entered into the study, 9 (81%) survived one year, 5 (45%) survived two years, and at that time, 4 had survived three years. Two patients are alive and doing well: one at three years and the other at four years. These results are far above the 25% survival at one year and 10% survival at two years for all stages of pancreatic adenocarcinoma reported in the National Cancer Data Base from 1995. This pilot study suggested that an aggressive nutritional therapy with large doses of pancreatic enzymes led to significantly increased survival over what would normally be expected for patients with inoperable pancreatic adenocarcinoma. In this

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study, porcine lyophilized pancreas in capsule form was used as a part of a nutritional protocol.

Recent evidence demonstrates that orally ingested pancreatic proteolytic enzymes are acid stable, pass intact into the small intestine, absorb through the intestinal mucosa into the bloodstream and recycle back to the pancreas. Allergy Research Group has supplied pancreas glandular products to Dr. Gonzalez for many years. Our glandular products are produced from government inspected, range-grazed animals raised in New Zealand, without the use of pesticides, hormones and antibiotics. They are totally free from Bovine Spongiform Encephalopathy (BSE) and a number of other diseases that do not occur in New Zealand. All glandulars are subject to in-process as well as finished product testing. These tests include microbial contamination to assure acceptable total bacteria counts and absence of pathogenic bacteria.

The proper preparation of the glandulars is essential to achieve the therapeutic value of the product. Properly processed glandular material is effective because the biologically active components such as enzymes, soluble proteins, natural lipid factors, vitamins, minerals and hormone precursors have not been eliminated or destroyed. Our glandulars are lyophilized (freeze-dried), which means the glands are quickly frozen at the time of collection and subjected to a high vacuum to remove moisture by direct vaporization from the frozen state. It is really the process by which the gland is collected and converted to dry powder that minimizes degradation and maintains the level of active components of the tissue that occur naturally. Our Pancreas Organic Glandulars contain excellent levels of naturally-occurring digestive factors, amylase, protease and lipase, as well as precursors to these enzymes, which are not presently assayable. In the process the fats are not removed as they contain important soluble vitamins, minerals and cofactors. Furthermore, removal of fat by one of the available methods, for example, alcohol extraction, would degrade the material.

Each capsule contains:	Pancreas gland (from beef, lamb or pork)	425 mg
Other ingredients:	Cellulose, stearic acid	
Suggested use:	As a dietary supplement, 1 capsule three times daily, taken ½ to 1 hour before each meal, or as directed by a healthcare practitioner.	
Note:	Pancreas Organic Glandular products from lamb, pork and beef can be used in a dietary rotation plan by those who are highly sensitive.	
Caution:	Glandulars should be avoided by pregnant women, nursing mothers and children.	

References

Gonzalez NJ, Isaacs LL. Evaluation of pancreatic proteolytic enzyme treatment of adenocarcinoma of the pancreas, with nutrition and detoxification support. Nutr Cancer 1999;33(2):117-24.

Layer P, Keller J, Lamnkisch aP. Pancreatic enzyme replacement therapy. Curr Gastroenterol Rep 2001 Apr;3(2):101-8.

Schibli S, Durie PR, Tullis ED. Proper usage of pancreatic enzymes. Curr Opin Pulm Med 2002 Nov;8(6):542-6.

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