



medical devices

SLIMMING MEDICAL DEVICE



NUTRILINEA



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what is the use of the product?

Obesity is one of the most rapidly evolving public health issues in the recent years. More than 65 million adults and 10 million children suffer from obesity, considered one of the leading causes of life-threatening diseases. Being morbidly obese can compromise health, shorten life, and even cause death. One of the most used fiber supplements is glucomannan, which appears to possess properties that promote weight loss when used in conjunction with either a normocaloric or hypocaloric diet.

mechanism of action

Glucomannan (GM) is a water-soluble, fermentable, and highly viscous dietary fiber derived from the root of the elephant yam or konjac plant, native to Asia, which is recently used as a food stabilizer, gelling agent, and supplement. Glucomannan consists of a polysaccharide chain of beta-Dglucose and beta-D-mannose with attached acetyl groups in a molar ratio of 1:1,6 with beta-1,4 linkages. Because human salivary and pancreatic amylase cannot split beta-1,4 linkages, GM passes relatively unchanged into the colon, where it is highly fermented by resident bacteria. Thus, its main characteristic is that GM is not assimilable by the human body, which has the ability to absorb high amounts of liquids, greatly increasing its volume and turning into a mucilage, that merges with the food bolus during digestion, forming a coating non-digestible that can encompass both sugars that fats, reducing assimilation. In the stomach and intestine glucomannan absorbs some of the waste digestion, embedding them in the gelatinous mass and allowing the elimination from the body without being absorbed.

GM, gelling in the intestine, gives a sense of fullness and satiety, and it is able to regularize bowel function by promoting the peristaltic movements. Due to the viscosity that produces in the gastrointestinal compartments, it also acts as a barrier to the absorption of sugars and nutrients, very important in case of low-calorie diets.

intended use

Useful in the prevention and treatment of overweight and obesity.

Useful in the reduction of cholesterol and absorption of sugars.



formulation

Flavored powder in Sachet.

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