



medical devices

# ANTACID MEDICAL DEVICE



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## what is the use of the product?

Gastrointestinal diseases refer to diseases involving the gastrointestinal tract, namely the oesophagus, stomach, small intestine, large intestine and rectum and the accessory organs of digestions. The most common disease that affect millions of people are: gastroesophageal reflux disease, gastritis and gastric ulceration, often caused by the infectious disease *Helicobacter pylori*.

Typical causes of gastrointestinal disorders are poor diet and nutrition, microbes, infections and the presence of a immune system dysfunction. Treatment for GI disorders includes removal or correction of the underlying factors, repair of damaged tissues and eliminating inflammatory reactions. A common approach is to use antacid.

## mechanism of action

1. Different types of basic salts perform a buffering effect to increase pH levels.
2. A mix of alginates and tested vegetal extracts protect the mucosal physiological integrity.

## intended use

Useful in the treatment of esophageal reflux, gastritis and gastric ulceration symptoms.

## formulation

Tablets (fast disintegration) and sachets.



## REFERENCES

Alginates controls heartburn in patients with erosive and nonerosive reflux disease. *World J Gastroenterol.* 2012 Aug 28;18(32):4371-8. doi: 10.3748/wjg.v18.i32.4371.

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Evaluation of anti-inflammatory activity of mucosave by in vitro human cell culture model. Francesco Bonina and Carmelo Puglia, Department of Pharmaceutical Sciences, School of Pharmacy, University of Catania.

