

UNIQUE BLEND TO SUPPORT HEALTHY MUCOSAE AND COUNTERACT GASTROESOPHAGEAL REFLUX

MUCOSAVE™FG is a blend of two herbal extract containing polysaccharides of prickly pear cladodes (*Opuntia ficus indica* L.) and biophenols of olive leaves (*Olea europaea* L.).

MUCOSAVE™FG is a unique combination specifically created for mucosal treatment and to counteract the main symptoms caused by gastrointestinal disorders.

COMPOSITION	MUCOSAVE FG™ % (W/W)
Opuntia ficus indica extract	32 - 35
Olea europaea leaf extract	23 - 25
Total Polyphenols (HPLC METHOD)	3.7 -4.3

SUGGESTED DOSAGE: 400MG/DAY



Gastrointestinal discomfort (GD) is a common disorder that affects 40% of the adult population worldwide. In recent years, significant lifestyle changes caused an increase in GERD incidence. Besides the typical GERD symptoms like regurgitation and heartburn, impairment of QoL includes disturbed sleep, body pain, anxiety.

MUCOSAVE™FG is the innovative and natural ingredient for **digestive health**.

Opuntia ficus-Indica

Opuntia ficus-indica is the most widespread cactus into the Mediterranean lands. To survive in a dry climate, the plant uses its "leaves" (cladodes) to save water. Under the prickly surface, the cladodes contain a juicy soft gel filled very rich in polysaccharide. The *Opuntia ficus-indica* cladodes, **polysaccharide-containing**, are used in folk medicine for their wound-healing activities and are widely employed for the treatment of mucous membrane irritation.

Olea europaea leaves

Olea europaea, is a species of tree in the family Oleaceae, found in the Mediterranean Basin. The first known record of olive leaf comes from Ancient Egypt. It has since been used extensively in traditional medicine and is still popular across many cultures today. **The phenolic compounds** present in olive leaves, are associated to **antioxidant**, and **lenitive activity**. The unique combination of biophenols in the olive leaf have many potential health benefits.

WHAT IT DOES

MUCOSAVE™FG has a strong mucoadhesive ability thanks to the *Opuntia* polysaccharides and a lenitive effect from olive biophenols to protect the sensitive mucosae. Thanks to this combination, **MUCOSAVE™FG** improves gastrointestinal disorder and counteracts gastroesophageal reflux.



COUNTERACTS GASTROESOPHAGEAL REFLUX



IMPROVES DIGESTIVE FUNCTION



PROTECTS GASTROINTESTINAL MUCOSAE



REDUCES GASTROINTESTINAL SYMPTOMS



PREBIOTIC ACTIVITY*

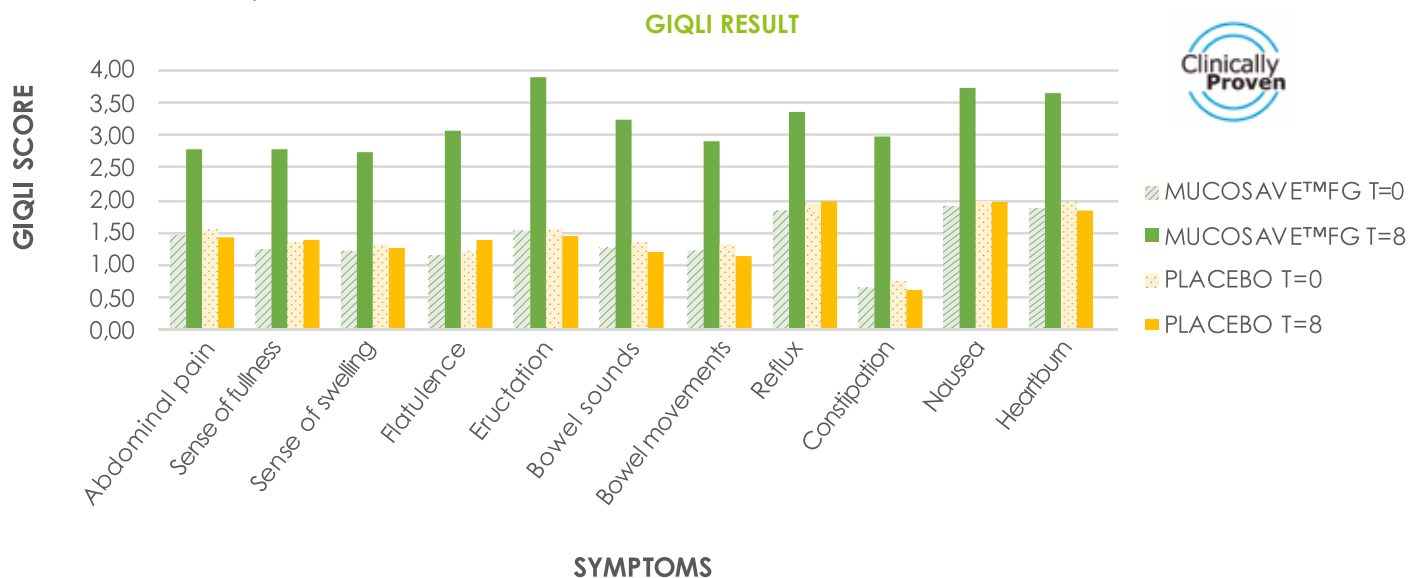
*Report on the in vitro bifidogenic activity of MUCOSAVE™FG

Mucoadhesive properties has been evaluated by a **new in vitro model** (mucous membrane cell lines), predicting in vivo conditions. In these studies, **MUCOSAVE™FG** has shown a strong mucoadhesive activity (up to 60% of cell surface), higher than other mucoadhesive polymers such as hyaluronic acid and alginate (30% and 5% respectively).

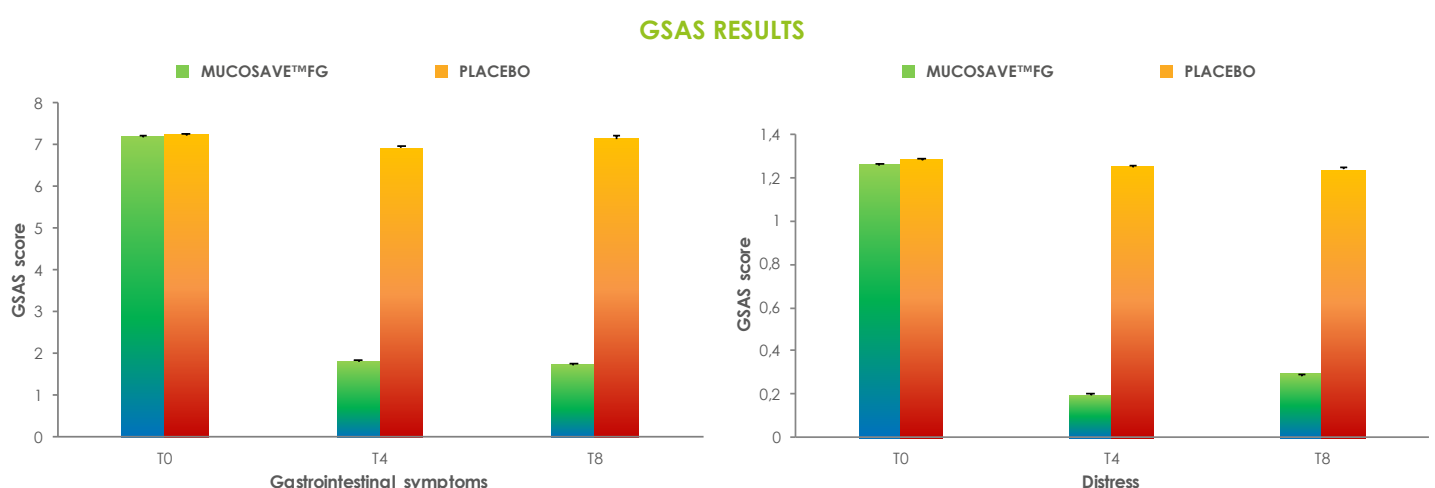
The activity of **MUCOSAVE™FG** has been evaluated in a **randomized, double-blind, placebo-controlled clinical trial** carried out:

- on **100 volunteers** with gastrointestinal discomfort
- treated with **400 mg/day of MUCOSAVE™FG**
- for **8 weeks**
- **Assessment by valid and reliable questionnaires:** Gastrointestinal Quality of Life index (**GIQLI**) and GERD Symptom Assessment Scale (**GSAS**)

MUCOSAVE™FG supplementation showed a significant improvement of symptoms related to gastrointestinal discomfort after only 4 weeks.



**SIGNIFICANT IMPROVEMENT OF GASTROINTESTINAL QUALITY OF LIFE INDEX (GIQLI)
THANKS TO THE REDUCTION OF GASTROINTESTINAL SYMPTOMS**



70% OF REDUCTION OF SYMPTOMS RELATED TO GASTROINTESTINAL DISCOMFORT