

ImmunoWay™

Cough relief gummies •



MEDICAL DEVICE

SOOTHES COUGH AND MUCOSA IRRITATION

• GREAT TASTE •

Available for
out-licensing
under private
label

“ ImmunoWay™ is a medical device formulated in a convenient gummy format for calming cough quickly and protecting the upper airway mucosa. ”

Everyone has a cough from time to time. In fact, coughing is the body's way of protecting itself. It is essentially a reflex that keeps the airways clear from mucus and irritants such as dust or smoke. However, in presence of too much mucus or other external irritants, cough can become persistent irritating the oropharyngeal mucosa and affecting negatively people's quality of life.

When it occurs at nighttime, it can interrupt sleep and prevent a person from getting a good night's rest.

Nowadays, products known as cough and cold remedies are very popular and available over the counter in syrup, capsule, spray, tablet and lozenge form.



In particular, formulations that offer a temporary relief of symptoms like coughing and chest congestion are typically formulated as liquid syrups which usually contain high amount of sugar, are not convenient to take outside home and taste quite bad.

At Giellepi, we always strive to develop products that are proven to work while offering portability and a pleasant sensory experience.

With **ImmunoWay™**, all the benefits of typical syrup formulations are concentrated in a specially formulated gummy that can be taken anytime, anywhere.

CLINICAL EVIDENCE

Study type: Double-blind, placebo-controlled, randomized clinical trial.

Participants: 40 subjects (male and female, 18-65 years old) with persistent cough (at least 7 days up to 3 weeks, not treated with any antitussive product).

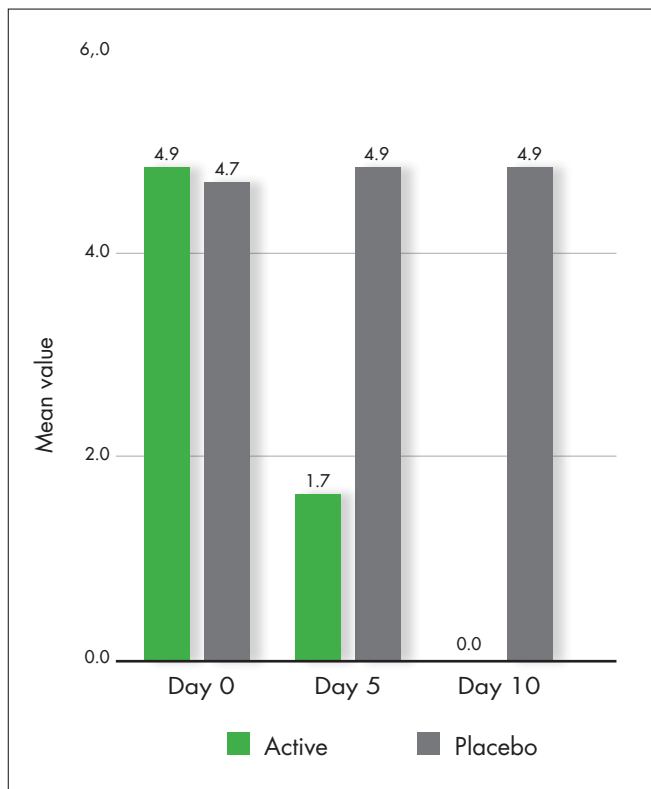
Study design: participants were randomly assigned to take either **ImmunoWay™** daily or Placebo for 10 consecutive days. 4 visits planned (screening; enrollment/day 0, day 5 and day 10).

Dosage: 1 **ImmunoWay™** gummy or Placebo 3 times per day (morning, afternoon, night before sleeping).

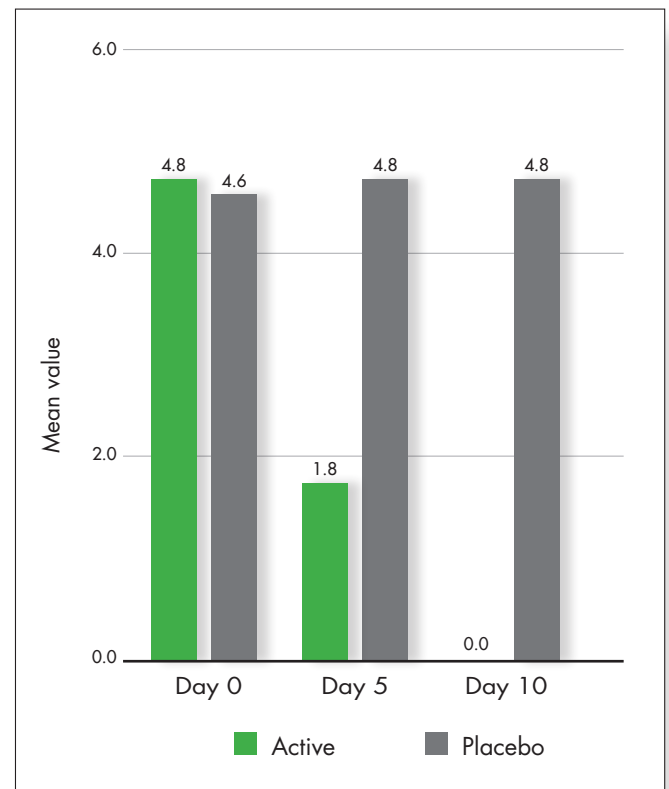
Main outcome measures: Day-time and Night-time Cough score, VAS, nocturnal and sleep assessment questionnaire, QoL-Short Form 36 and Leicester Cough Questionnaire.

Day and Night Cough assessment: ImmunoWay™ vs Placebo

Day time Cough Score questionnaire



Nigh time Cough Score questionnaire



Key takeaway: severe and frequent coughing can significantly impact quality of life. This pilot study suggests that **ImmunoWay™** relieves persistent cough already after 5 days. Moreover, acting quickly it improves sleep quality and overall quality of life.

TARGET AND INDICATIONS:

- **ImmunoWay™** is a substance-based medical device formulated in gummies. It is indicated to relieve cough (dry and productive), protect the mucosa of upper airways from the attack by external irritants and to favor the mucus clearance.
- Ease throat irritation preventing dry cough.

HIGHLIGHTS:

- Easy to take everywhere
- Proven effective for alleviating persistent cough
- Free from gelatin
- Free from artificial flavors, colors and sugar
- Great tasting

FUNCTIONAL SUBSTANCES:

- **Pelargonium sidoides**, commonly known as the African geranium, is native to South Africa and its roots have been traditionally used to treat upper respiratory tract infections. It reduces bacteria adhesion to buccal epithelial cells.
- **Malva sylvestris**, rich in mucilage polysaccharides, adheres to the oropharyngeal mucosa exerting a protective, lenitive and emollient action.
- **Acacia honey**, a natural sticky and thick substance, promotes the hydration of excess mucus facilitating its clearance and calming productive cough.

HOW DOES IT WORK

ImmunoWay™ is specially formulated to form a protective film on the mucosa of the upper airways which act as a barrier against external agents (cold, dust, smog, smoke) reducing irritation and preventing dry cough.

The functional substances included in the medical device work synergistically with a physical mode of action at the local level.

PACKAGES AVAILABLE

ImmunoWay™ is available in box of 15 blistered gummies to preserve freshness.

SCIENTIFIC EVIDENCE AND PROPRIETARY STUDIES:

Double blind, randomized placebo-controlled study to assess the efficacy and tolerability of ImmunoWay in the management of symptoms of cough.
(Grasso et al, manuscript in preparation)

