



# COLDANESE<sup>®</sup> Plus

Carrageenan nasal spray **1.2 mg/ml**

## Features of **COLDANESE® Plus**



Removal of allergens and pollutants from the nasal cavity



Elimination of bacteria and viruses



Thinning and loosening of nasal secretions



Moistening the nasal cavity

## Benefits of **COLDANESE® Plus**



Improved breathing and increased airflow



Alleviation of nasal dryness and irritation



Reduction of nasal swelling



Enhanced effectiveness of medications

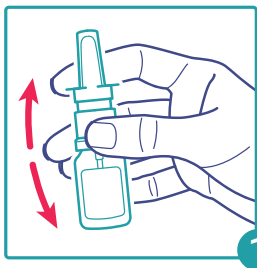


Gentle clearance of a blocked nose during a cold

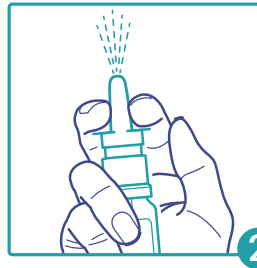


Suitable for children

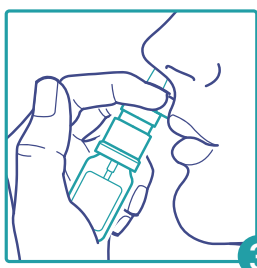
## How to use **COLDANESE® Plus**



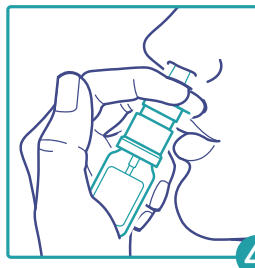
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## What Coldanese<sup>®</sup> plus is and what it is used for

Coldanese<sup>®</sup>plus is a nasal spray that contains natural marine substance derived from red algae and contains xylitol. It works by physically interacting with mucosal surfaces and virus particles, effectively combating respiratory viruses, including those responsible for the common cold. Since the nose is the primary route of infection for cold viruses, it is particularly targeted by Coldanese<sup>®</sup>plus to prevent and reduce the impact of cold viruses.

Coldanese<sup>®</sup>plus is used for the prevention and treatment of viral infections in the respiratory tract. It has been shown to eliminate over 90% of cold- and flu-causing viruses and typically reduces the duration of a cold.

Iota-carrageenan has demonstrated potent antiviral activity against various viruses, including coronaviruses (such as coronavirus NL63 and SARS-CoV-2), as well as non-coronaviruses like herpes simplex virus, influenza virus, and rhinovirus.

Several studies have suggested that the use of nasal sprays containing iota-carrageenan is effective in treating coronaviruses that cause the common cold. This compound is already being used in many countries for this purpose. Due to its widespread use in many parts of the world, iota-carrageenan is considered safe for both adults and children. It has proven to be effective in reducing clinical symptoms and viral load in the nasal cavity.

Xylitol, commonly found in antibacterial nasal sprays used to treat rhinosinusitis and prevent otitis media, also possesses antiviral properties. Both in vitro and in vivo studies, xylitol has shown efficacy against the syncytial virus.

## Coldanese<sup>®</sup> plus use in children

A cold can be particularly uncomfortable for infants and young children. When the nasal mucous membranes swell, it not only hinders breathing but also makes it difficult for them to drink, causing restlessness and disrupted sleep.

Coldanese<sup>®</sup>plus is designed to provide nasal cleansing and care for rhinitis and dry, irritated mucous membranes. By using just a few sprays daily, Coldanese<sup>®</sup>plus Nasal Spray effectively clears blocked nasal passages and simultaneously rinses the nasal cavity. It naturally loosens dried secretions and crusts, allowing for free and unobstructed breathing.

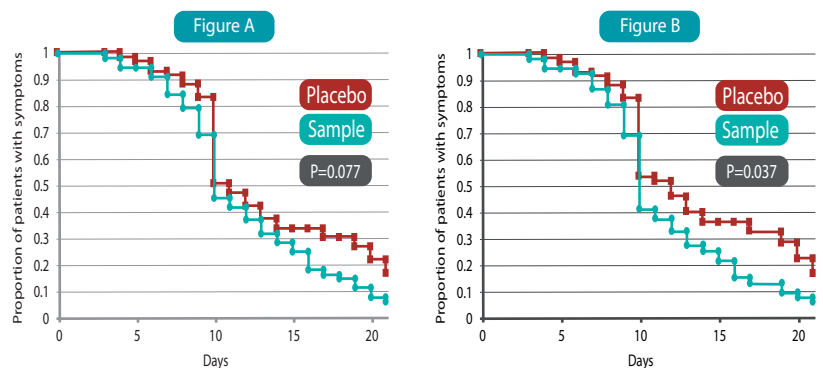
This nasal spray is suitable for individuals of all ages, particularly children above 1 year old.

## Coldanese<sup>®</sup> Plus clinical pharmacology

Additionally, iota-carrageenan causes the formation of a protective moisture coat on the nasal mucosa. This film serves as a physical barrier against external influences. Unlike an aqueous solution, the moisture coat remains on the mucosa for an extended period without affecting the function of the ciliated epithelium. Furthermore, this layer effectively prevents the spread and replication of common cold viruses.

## Coldanese<sup>®</sup> Plus clinical studies for prevention of COVID-19

A study was conducted to assess the alleviation of symptoms in patients infected with a cold virus, who were treated with either intranasal Carrageenan or a placebo. Alleviation was defined as the time until the complete absence of cold symptoms, followed by all subsequent days in the study period without experiencing any cold symptoms. In Figure A, the ITT-VP population displayed a p-value of 0.077, while Figure B showed the PP-VP population with a p-value of 0.037. Conclusion: This study demonstrated that nasal spray containing carrageenan significantly reduced disease symptoms.



Efficacy of a Carrageenan nasal spray in patients with common cold: a randomized controlled trial

## Coldanese<sup>®</sup> plus dosage and administration

For usage instructions, it is recommended to spray one or multiple doses into the nose several times a day, depending on individual requirements. The routine dosage is 1-2 puffs in each nostril, three times a day.

### Warnings and precautions

Coldanese<sup>®</sup>plus is considered safe for prolonged use, if necessary, as it is not classified as a medical product. It can be used without significant concerns for an extended duration.

### Use in specific populations

Furthermore, Coldanese<sup>®</sup>plus is safe for use during pregnancy and lactation, providing a suitable option for women in these stages.

### Drug interactions

No interactions with other medications or substances have been identified, further supporting its safety and compatibility with other treatments.

