

## Instructions for use

### What is Bentrio™?

Bentrio™ is a gel emulsion which is applied as a nasal spray for self-protection.

It is intended to help protect yourself against allergens such as pollen, house dust mites or animal dander and against viruses such as SARS-CoV-2 which are inhaled through your nose.

Bentrio™ is free of any medication such as antihistamines or steroids and does not contain any preservatives.

### How does Bentrio™ work?

The nasal cavities are lined with mucosa which serves as the body's first line of defence against inhaled particles such as pollen, house dust mites, animal dander or viruses. The nasal mucosa acts as a protective barrier against these particles; it secretes mucus which traps particles for clearance via the throat. Its protective function may be compromised by nasal dryness or irritation (e.g. due to low air humidity, certain nasal sprays) or mucosal damage. Also, it may be overwhelmed by the quantity or infectiousness of inhaled particles.

Bentrio™ protects the nasal mucosa in three ways:

-  forms a thin protective layer on the nasal mucosa
-  binds inhaled particles through electrostatic effects
-  humidifies the mucosa and thus aids its functionality

The gel formulation of Bentrio™ has been designed for extended residence time within the nose. Upon shaking of the spray bottle, it turns liquid which allows for spraying into the nose. After contact with the nasal mucosa, the formulation returns

to its gel state and creates the protective barrier.

Bentrio™ is cleared from the nasal cavities over time into the throat and eliminated via the digestive tract.

### Indications for use

Bentrio™ helps to:

- Reduce the viral load and risk of infection from airborne viruses such as SARS-CoV-2, the cause of COVID-19<sup>1</sup>;
- Prevent the onset and alleviate allergic symptoms caused by airborne allergens such as pollen, house dust mites or animal dander.

### Ingredients

Purified water, miglyol, propylene glycol, bentonite, geleol, xanthan, EDTA, mannitol, citric acid, butylated hydroxyanisole, vanillin.

### Who can use Bentrio™?

Bentrio™ is suitable for adults and children from 6 years of age under supervision of parents or other caretakers.

Pregnant or nursing women: please see special dosing instructions.

### Contraindications

Do not use Bentrio™ if you ever had an allergic reaction to any of the ingredients or if you have a wound or ulcers in your nose.

### How to store Bentrio™

Store between 8°C and 27°C. Do not freeze.

Use within 5 weeks of first use and before the expiry date shown on the spray bottle.

### How to use Bentrio™

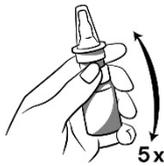
Apply 1-2 sprays per nostril 3 times per day or as needed (not more than 8 sprays per nostril and day) for not more than 30

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<sup>1</sup> Based on nonclinical experiments on human airway epithelium cell model.

days in a row. Pregnant or nursing women should not apply more than 4 sprays per nostril and day. Bentrio™ has been shown to provide clinically relevant protection against pollen for at least 3 hours.

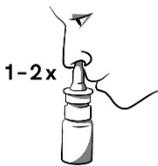
Apply Bentrio™ prior to potential exposure to airborne allergens and viruses.



Blow your nose gently. Shake the bottle vigorously five times up and down.



Remove protective cap. Prime pump prior to first use by actuating it repeatedly (point away, in the air or towards a tissue) until a full spray appears.



Bend head slightly forward, insert spray tip as far as possible and hold bottle upright while actuating firmly 1 or 2 times.



Repeat application in the other nostril. Wipe spray tip and put on cap.

Upon application of Bentrio™ you may feel a slight, transient sensation of a congested nose. Later, you may feel a slight, transient sensation of the formulation in your throat as Bentrio™ is cleared from the nasal cavities.

If you blow your nose or if you sneeze, Bentrio™ should be re-applied.

If using a medicated nasal spray, use prior to Bentrio™.

#### Instructions for safe use

After each use, wipe the spray tip thoroughly with a clean, dry, unused tissue and put on the protective cap. Do not share Bentrio™ with other users to avoid potential contamination.

Do not use if tamper-evident seal is broken or missing.

#### Important information

Viral infections may be serious or life-threatening diseases. Bentrio™ is intended to be used together with standard preventive measures against viral infections such as personal hygiene or use of protective masks and is no substitute for antiviral vaccinations or medical treatment.

Keep out of reach of children.

#### Safety and potential side effects

Bentrio™ has no pharmacological, immunologic or metabolic effects. All ingredients have a well-established safety profile and have been used for many years in other medical devices or drug products. Clinical testing confirmed that Bentrio™ is well tolerated.

In case of side effects, you should discontinue treatment immediately; if symptoms persist medical treatment should be sought.

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[www.bentrio.com](http://www.bentrio.com)



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medica

Approved by: Barbara Pauli

Signature: 

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