



## **Bloxivir**

### **Nasal gel spray**

Bloxivir is a medical device intended for everyday protection against viral infections, as well as combating active viral infections: influenza caused by influenza B and C viruses, common colds and COVID 19 caused by coronaviruses, including SARS-CoV-2. It can be used several times a day, both as a prophylaxis and a treatment, in adults and children over the age of one.

After its application to the nasal mucosa, it creates a coating constituting a mechanical barrier to aforementioned pathogens, while the substances it contains: iota-carrageenan, sodium hyaluronate and ectoine inactivate them. As a result, Bloxivir protects against highly infectious viruses\*, alleviates the symptoms of infection and shortens its duration. It is therefore both a method of preventing and fighting against viral infections of the upper respiratory tract, caused, among others, by influenza viruses and coronaviruses. The use of the product by infected (also asymptomatic) individuals reduces the risk of infecting others.

Bloxivir is the first nasal gel spray of its kind that protects, prevents and fights viral\* inflammation due to three substances that have been tested in clinical trials.

#### **Components responsible for the action of the device:**

##### **Iota-carrageenan, sodium hyaluronate, ectoine**

Excipients: propylene glycol, citric acid, sodium hydrogen phosphate, sodium phosphate, water and preservatives.

#### **Indications**

##### **1. PROTECTION AGAINST THE ENTRY AND SPREAD OF VIRUSES\***

- Blocks the entry of viruses into cells, and consequently protects against highly infectious viral infections of the upper respiratory tract (influenza and colds, caused by the influenza virus and coronaviruses, and against COVID-19, caused by the SARS-CoV-2 coronavirus).
- Protects against the spread of the virus (by limiting transmission from symptomatic or asymptomatic people to others).
- Has a moisturizing and soothing effect thanks to the content of sodium hyaluronate and ectoine, and therefore protects against dryness and irritation of the nasal mucosa by environmental factors.

Prophylactically, in order to support the proper physiological functions of the mucous membrane of the nasal cavity and paranasal sinuses.

##### **2. RELIEVING SYMPTOMS OF VIRAL\* INFECTION AND SUPPORTING TREATMENT**

- Blocks the multiplication of viruses, and thus prevents the occurrence of symptoms of the disease, e.g. influenza and common cold
- Alleviates the symptoms of viral infections of the upper respiratory tract, including inflammation of the nasal mucosa associated with increased production of mucus causing rhinitis and running nose.
- Thanks to the content of ectoine, it supports the treatment of acute or chronic and exacerbating paranasal sinusitis, enabling the unblocking of the sinuses

##### **3. SHORTENING THE DURATION OF THE DISEASE**

- Reduces the duration of disease caused by bacterial or viral\* infections of the nasal mucosa.
- Reduces the likelihood of bacterial superinfection that often follows viral infection.

#### **Mechanism of action**

The nasal mucosa forms the body's first physical barrier and the immune system's first line of defence. Due to the special structure and production of mucus, it cleans the respiratory tract of inhaled substances harmful to health and prevents the penetration and spread of viruses, bacteria and fungi. The air we breathe in through the nose is cleansed, moisturized and warmed, which is crucial for the work of the entire respiratory system.

The nasal mucosa performs its protective function only when it is in good physiological condition, i.e., when it is well moisturized. Too dry and overheated air, pollutant particles, toxic vapours in the inhaled air and topical use of nasal decongestants irritate and dry out the nasal mucosa.

The elderly are particularly vulnerable to adverse environmental factors, with gradual atrophy of the mucosa (the so-called dry nose), which leads to damage to the nasal mucosa and promotes the development of viral and bacterial infections.

The damaged nasal mucosa does not fulfil its primary function and increases the risk of acute and chronic infectious diseases, including frequent seasonal viral infections of the nose or throat. When the nasal mucosa is damaged, it is prone to infections with various types of viruses, including coronaviruses, such as the SARS-CoV-2 virus which causes COVID-19 disease, and influenza viruses\* and coronaviruses that can cause flu or colds. The virus, in appropriate environment, penetrates the host cells and multiplies, which leads to the occurrence of the symptoms of the disease.

However, we can protect ourselves against infection through daily prophylaxis. For this purpose, the Bloxivir medical device was created, which protects, prevents and fights viral\* inflammation, e.g. influenza, common cold or COVID\_19, thanks to three substances whose action has been confirmed in clinical trials.

**After the product is dispersed on the nasal mucosa, a protective layer is created, which supports the natural barrier of the nasal mucosa and constitutes a mechanical barrier against penetration into the body and multiplication of pathogens\*. The protective effect begins immediately upon application.**

\* APPLIES ONLY TO INFLUENZA B AND C VIRUSES AND CORONAVIRUSES

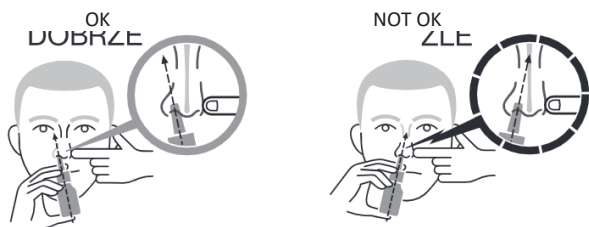
THE PRODUCT INDICATIONS DO NOT APPLY TO THE FOLLOWING VIRUSES: PARAMYXOVIRUS, HUMAN INFLUENZA A VIRUS AND ADENOVIRUS OF SUBTYPE B, RHINOVIRUS

## Method of use

Wash hands before application.

Before using a new bottle for the first time, after removing the cap, press the dispenser approx. 5 times until a gel appears.

While holding your head upright (not tilting it back) insert the tip of the dispenser into the nostril but avoid blocking its lumen. Direct the tip of the dispenser opposite the nasal septum (the wall between the nostrils), i.e. in the direction of right eye in case of the right nostril, and in the direction of left eye in case of the left nostril. Press down on the dispenser, which will disperse the dose of product in the nasal cavity. After administration of the dose, press the ala of the nose with your fingers and apply massage to spread the gel.



The recommended dose is 1 dose of gel in each nostril with 4-5 hour intervals between applications.

The 20 ml package contains 200 doses of the product.

The protective effect begins immediately after application.

Use several times a day, both therapeutically and prophylactically.

After removing the atomizer from the bottle, wash it with soapy water, rinse several times, dry it and use it again after attaching it to the bottle containing the product.

The product is intended for adults and children over the age of one.

In the event of symptoms of discomfort, discontinue use of the product.

In case of any concerns consult your doctor or pharmacist.

For sanitary and epidemiological reasons, one package should be used by only one user.

A medical device intended only for use in the nasal cavity - do not eat.

## Use of a higher than recommended dose of the medical device

A higher dose of the medical device does not pose a threat.

For children up to 12 years of age, the device should be used under adult supervision.

Follow the recommended method of use.

## Contraindications

- Do not use if you are allergic to the ingredients contained in the medical device.
- Do not use if the symptoms of itching or burning appear after using the product, which may indicate an allergy to the ingredients of the medical device; in such case STOP USING THE PRODUCT.
- Avoid accidental contact of the product with the eye mucosa.
- Do not use with other nasal preparations without consulting a doctor.
- The product does not impact the ability to drive and use machines.
- Do not use after the expiry date.
- Do not use if the packaging has been damaged or tampered with before first opening.
- Do not use if the packaging is damaged.
- If the symptoms of dryness and irritation of the nasal mucosa worsen, consult a specialist physician.
- The product is intended for paediatric use. In case of using the product in children, parental/guardian supervision is required.

## Available packaging

The packaging of the product contains a bottle with the gel along with the instructions for use.

Available product volume: 20 ml in a glass bottle.

## Storage

Store the product in its original packaging.

Store at room temperature, i.e. 15-25°C.

Protect against light and heat sources.

Keep out of the reach and sight of children.

Do not use the product if the immediate packaging is damaged.

Do not use after the expiry date stated on the package.

## Contact data



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## Medical device CE



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Information on packaging