

Sinusin™

Safe & effective sinus symptom relief **your patients** expect

Sinusin™

Formerly known as **Euphorbium Sinus Relief™**



Proven safe and effective for:

- **Nasal Congestion**
- **Rhinitis & Sinusitis**
- **Cold & Flu Nasal Symptoms**

-Heel

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3110014/0108/5000

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Pharmacological Aspects

Anti-inflammatory properties:

An in-vitro study on whole blood cell cultures demonstrated that each of the ingredients in Sinusin™ influences, in varying degrees, the release of important inflammatory mediators from monocytes / macrophages and lymphocytes (IFN, IL-10, TNF-gamma & alpha).¹

Antiviral properties:

Sinusin™ also showed direct virustatic effects in in-vitro studies using human cell cultures. When compared to normal saline solution, the ingredients of Sinusin™ were found to inhibit four different types of pathogens causing various viral infections (RSV, HSV-1, Influenza A virus and HRV).²

Pharmacological Description

Sinusin™ is a combination homeopathic medication that acts as an anti-inflammatory and anti-viral for nasal symptoms associated with rhinitis, sinusitis, colds and flu.

Formula:

Same effective formula as **Euphorbium Sinus Relief™**



Ingredient	Purpose
<i>Argentum nitricum</i>	Relieves pharyngitis; laryngitis
<i>Euphorbium officinarum</i>	Relieves drainage with coughing
<i>Hepar sulphuris calcareum</i>	Relieves nasal congestion
<i>Influenzinum*</i>	Relieves polysinusitis; cold and flu nasal symptoms
<i>Luffa operculata</i>	Relieves allergic rhinitis; sinusitis
<i>Mercurius iodatus ruber</i>	Relieves inflammation
<i>Mucosa nasalis suis</i>	Relieves chronic sinusitis
<i>Pulsatilla</i>	Relieves nasal drainage
<i>Sinusitisinum</i>	Promotes drainage of sinuses

References

* *Influenzinum* contained in Sinusin™ oral drops only
 1) Schmolz M, Metelmann H. Modulation of Cytokine Synthesis in Human Leukocytes by Individual Components of a Combination Homeopathic Nasal Spray. Biomedical Therapy. 1999 (2): 61-63, 75.
 2) Metelmann H, Glatthaar-Saalmüller B. Antiviral Action of a Homeopathic Medication. Biomedical Therapy. 2000 (1): 160-164.
 3) Weiser M, Clasen B P E: Controlled Double-blind Study of a Homeopathic Sinusitis Medication. Biomedical Therapy. 1995 (1): 4-11.
 4) Metelmann H, Glatthaar-Saalmüller B. Antiviral Action of a Homeopathic Medication. Biomedical Therapy; 2000 (1): 160-164.

Clinical Studies

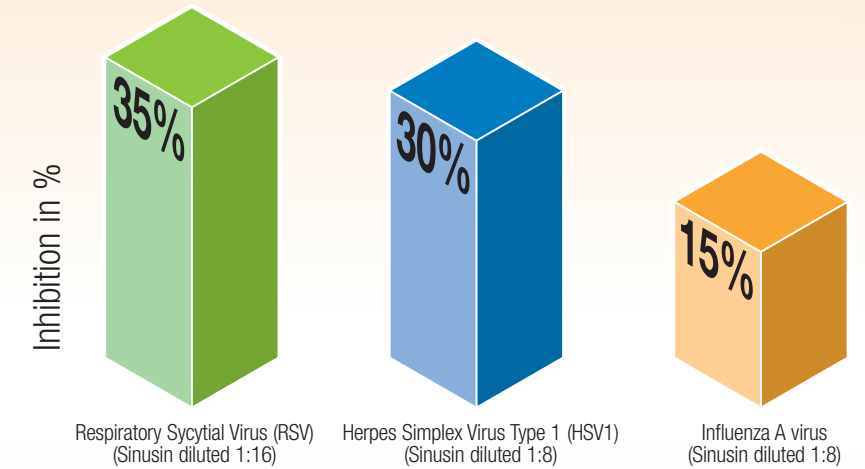
Sinusitis

A randomized, double-blind, placebo-controlled study was conducted to test the efficacy of Sinusin™ nasal spray for the treatment of chronic sinusitis. Therapy consisted of two atomized spray applications of test medication or placebo in each nostril 4 times daily for 5 months. Statistical comparison of the treatment groups was calculated from data compiled in 3 areas: subjective symptoms (day/night), anterior rhinoscopy and ultrasound examination of the paranasal sinus. Statistical comparison of the treatment groups demonstrated significant superiority of Sinusin™ nasal spray. Improvement was most evident in the subjective criteria of respiratory obstruction, sensation of pressure and headache. This study confirms that Sinusin™ nasal spray is reliably effective and well tolerated in chronic sinusitis.

Antiviral properties:

In plaque-reduction assays, the effects of Sinusin™ and 3 antiviral drugs - Acyclovir®, Ribavirin® and Amantadine® - (as positive controls) upon typical pathogens causing respiratory tract viral infections were measured. **Results showed that dilutions of Sinusin™ inhibited the infectivity of Respiratory Syncytial Virus (RSV) and HSV1 strains by 35% and 30%, respectively, in comparison with the untreated controls, while the effect on Influenza A virus (Inf A) was less pronounced (15%).⁴**

Effect of Sinusin™ ingredients upon viral infections



Compare treatments for rhinitis and sinusitis

	Sinusin™ Homeopathic Medicine	Other Nasal Medications
Effective anti-inflammatory	Yes	Yes
Fast acting	Yes	Yes
Antiviral action	Yes	No
Suitable for long term relief	Yes	No
Free of Contraindications	Yes	No
Free of Burning or stinging sensation	Yes	No
Free of Rebound effect	Yes	No