

Engystol[®] and

Gripp-Heel[®]



Proven safe and effective for symptoms of

- Infections with fever
- Influenza
- Respiratory Syncytial Virus (RSV)
- Corticosteroid-dependent asthma
- Post-viral syndrome

-Heel

Engystol® & Gripp-Heel®

Pharmacological aspects

Susceptibility to infections depends upon the status of the immune system. The goal of treatment with combination homeopathic preparations such as Engystol® and Gripp-Heel® is to activate and support the endogenous defense mechanisms. This will strengthen the defense against the pathogens and ensuing infections.

Engystol is a combination homeopathic drug that contains botanical and mineral ingredients, each in multiple potencies. In-vitro tests have demonstrated that Engystol stimulates the phagocytic activity of human granulocytes up to 30% above control cultures. This effect was further enhanced to 41% by applying a 1:1 mixture of Engystol and Gripp-Heel.¹

The effectiveness of Engystol is likely not due to a direct immunomodulation of granulocytes. An indirect effect mediated by simultaneous activation of T-lymphocytes and cytokines released from other immunocompetent cells appears more likely.²

Gripp-Heel is a combination homeopathic drug that contains one mineral, three botanical ingredients, and one animal ingredient. This combination of ingredients with their corresponding dilutions categorizes Gripp-Heel as an immunomodulatory drug. Through this immunomodulatory action Gripp-Heel appears to activate the mesenchymal immune reaction and brings about regressive vicariation through removal of the viral toxin and infection source.³

The Engystol® & Gripp-Heel® Protocols

Treatment Protocols:

Treatment protocol: Acute Viral Infections

Product Name	Dosage	Action
Lymphomyosot	15 drops 3x a day	Active lymphatic elimination
Engystol	1 tablet 3x a day	Activate non-specific defense against virus
Gripp-Heel	1 tablet 3x a day	Activate non-specific defense against virus

Treatment protocol: Chronic Viral Infections

The following should be taken at the same time.

Product Name	Dosage	Action
Hepar compositum	1 tablet 3x a week	Tonify and detox liver
Solidago compositum	1 tablet 3x a week	Detox Kidney
Lymphomyosot	1 tablet 2x a day	Activate lymphatic elimination
Engystol	1 tablet 2x a day	Activate non-specific defense against virus
Coenzyme compositum & Ubichinon compositum	1 tablet 3x a week	Catalyst remedy

Treating Recurrence: Chronic Viral Infections

Product Name	Dosage	Action
Engystol + Euphorbium compositum (add Traumeel in cases of severe inflammation)	1 tablet 2-3x a week	Primary drug: For activating non-specific defense against virus
Lymphomyosot + Galium-Heel	1 tablet 2-3x a week	Secondary drug: For activating pathways of elimination
Mucosa compositum + Tonsilla compositum	1 tablet 2-3x a week	Phase drug: For activating mileau

Pharmacological description

Engystol® and Gripp-Heel® are effective at treating mild viral infections⁴

Engystol® and Gripp-Heel® are both very well tolerated

Engystol® and Gripp-Heel® are suitable for long-term treatment

Engystol® and Gripp-Heel® are compatible with allopathic medications

Engystol® and Gripp-Heel® have rare side effects or interactions with other drugs and can be used for chronic diseases

Gripp-Heel® is an effective treatment for upper respiratory infections (URIs)

Gripp-Heel® is an effective immune booster for acute viral infections, including influenza⁵

Engystol® injection solution (Rx) is a combination formula of a botanical substance and a mineral substance. Engystol® injection solution is officially classified as a homeopathic combination drug.

Asclepias vincetoxicum 6X, 10X, 30X	Feverish viral disease including influenza
Sulphur 4X, 10X	Flashes of heat throughout body. Homeopathic polycrest

Gripp-Heel® injection solution (Rx) is a combination formula of one mineral and three botanical substances and an animal ingredient. Gripp-Heel® injection solution is officially classified as a homeopathic combination drug.

Aconitum napellus 4X	Hoarseness, dry croupy cough
Bryonia alba 4X	Dry mucous membranes, all symptoms worse with motion
Lachesis mutus 12X	Left-sided sore throat Immunomodulator component
Eupatorium perfoliatum 3X	Hoarseness and cough, chest soreness
Bryonia alba 4X	Painful larynx; quickened breathing

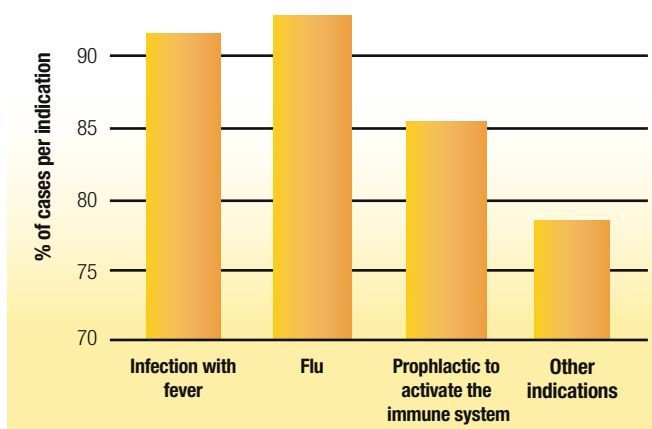


Clinically Tested

Engystol® – demonstrated efficacy

Post marketing drug monitoring studies of Engystol Tablets and Engystol N injection solution demonstrate that both dosage forms exhibit excellent tolerability and efficacy. The onset of action of Engystol N injection appears to be slightly faster than that of the tablet form. However, regardless of which dosage form is used, the level of symptom improvement will be the same after 4 days. Engystol and Engystol N achieved a “good” to “very good” therapeutic result in over 88% of patients.^{6,7}

Very good - good global therapy results with Engystol®



Engystol® – antiviral activity

Basic research studies revealed a dose dependent antiviral activity of Engystol® *in-vitro* against adenovirus Type 5 of almost 60%. A slight antiviral activity also was demonstrated against RSV (Respiratory Syncytial Virus).⁹

Gripp-Heel® as effective & greater tolerability than conventional therapy for mild viral infections

For symptomatic relief in treating mild viral infections, Gripp-Heel® was compared to conventional therapy in a prospective, observational cohort study of 485 patients with symptoms such as headache, fever, muscle aches, cough and sore throats. At the end of therapy 67.9% of the Gripp-Heel® patients were asymptomatic compared with only 47.9% of the control group. “Gripp-Heel® appears to be an appealing alternative to current therapies directed at providing symptomatic relief for mild viral infections. The homeopathic treatment was at least equivalent to conventional medications in providing symptomatic relief and shortening the time to improvement.” Tolerability appeared to be slightly better in the Gripp-Heel® group compared with the control.³

Gripp-Heel® as prophylaxis for acute viral infections

This study evaluated the humoral immune response after giving chronically ill residents of a nursing home injections and oral tablets of Gripp-Heel® as prophylactic treatment for viral infections. Antibody production was observed in serum withdraws before and after the treatment timeframe. Dosage was an initial IM injection of Gripp-Heel®, followed by 14 days of 1 tablet tid dosing.

Overall Gripp-Heel® is well tolerated in both the injectable and tablet form, with no incidence of adverse reactions. “Protective administration of this drug decreases disease incidence-especially of respiratory tract diseases, reducing the risk of chronic sickness aggravation and death.” “Gripp-Heel® should be considered a valuable protective agent against acute viral infections of the upper respiratory tract (including influenza), ... especially in cases in which no protective vaccine can be administered.” Gripp-Heel® can also be administered to anyone who wants to boost the immune system during the flu season.⁹

Engystol® to help reduce need for corticosteroids in steroid-dependent bronchial asthma

A double-blind, placebo-controlled, randomized study with Engystol® was performed on 40 patients with corticosteroid-dependent bronchial asthma. Half the patients received subcutaneous injections of Engystol® every 5-7 days, for 7 months and the control group received placebo injections. Patients progress was measured using PEFr, FVC, FEV₁, granulocyte function and clinical parameters. The Engystol® group had improvements in their clinical parameters (spirometric tests) and a reduction (to half their initial dose) in their dosage of corticosteroids as compared to the placebo group.¹⁰



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