

Nucala is a biologic therapy that is indicated to treat:

- Add-on maintenance treatment of adult and pediatric patients aged 6 years and older with [severe asthma](#) and with an eosinophilic phenotype
- Add-on maintenance treatment of adult patients 18 years and older with chronic rhinosinusitis with nasal polyps (CRSwNP)
- The treatment of adult patients with eosinophilic granulomatosis with polyangiitis (EGPA)
- The treatment of adult and pediatric patients aged 12 years and older with hypereosinophilic syndrome (HES) for ≥ 6 months without an identifiable non-hematologic secondary cause

What Is Nucala?

Nucala (mepolizumab) is an injectable biologic monoclonal antibody used to treat patients with a variety of conditions, including severe eosinophilic [asthma](#), eosinophilic granulomatosis with polyangiitis (EGPA), hypereosinophilic syndrome, and chronic rhinosinusitis with nasal polyps.

How Nucala Works

White blood cells called eosinophils make up a normal part of the body's immune system. People with certain types of [asthma](#) can have too many eosinophils, leading to inflammation in the lungs and asthma attacks.

Nucala works by reducing the number of eosinophils in the blood.

What Is Nucala Used For?

Doctors order mepolizumab to treat several medical conditions.

Nucala treats:

- Add-on maintenance treatment of adult and pediatric patients aged 6 years and older with [severe asthma](#) and with an eosinophilic phenotype
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Nucala Injection Dosage and Administration

Patients receive Nucala via subcutaneous injection in the upper arm, thigh, or abdomen.

Dosage and Frequency

Typical dosage is 100mg/mL.

Injections are typically administered once every four weeks.

Nucala Injection Side Effects

As with all medications, [side effects are possible](#).

Side effects include:

- Headache
- Injection site reactions
- Back pain
- Fatigue
- Allergic reactions

How To Prepare for a Nucala Injection

It is essential that patients inform their physician if they:

- Are taking oral or inhaled corticosteroids
- Have a parasitic (helminth) infection
- Are currently taking any other medications, including prescription and over-the-counter medicines, vitamins, and herbal supplements

Before treatment, patients should get a good night's sleep. In addition, they need to drink an adequate amount of fluid and eat a meal before their Nucala injection treatment.