

How does Nucala treat severe asthma?

Nucala is a medicine which contains the active substance mepolizumab. Mepolizumab is a monoclonal antibody designed to block a specific protein in the body called interleukin-5.

By blocking the action of interleukin-5, Nucala limits the production of more eosinophils (a type of white blood cell) from the bone marrow and lowers the number of eosinophils in the bloodstream and the lungs.

This can help reduce the frequency of asthma flare ups you may have, and can also help to reduce the daily dose of oral corticosteroids you require to control your asthma symptoms and flare ups.

Please note that Nucala should not be used for the treatment of acute symptoms such as sudden attacks of breathlessness or wheezing. Refer to your asthma action plan for more information on what “reliever” medicines to use to alleviate these acute symptoms.



Normal lungs

Normal levels of eosinophils in the lung

No inflammation



Severe eosinophilic asthma

Too many eosinophils in the lungs

Increased risk of an asthma flare up



Treatment with Nucala

Reduces the number of eosinophils

Decreased risk of an asthma flare up