

# *How does Nucala treat chronic rhinosinusitis with nasal polyps?*

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.

This can help reduce the size of your polyps, can help relieve your nasal congestion, and can help reduce the likelihood of further surgery for nasal polyps. Nucala may also be used to help reduce the need of oral corticosteroids to control your symptoms.



## **Normal sinuses**

Normal levels of eosinophils in the nose and sinuses

*No inflammation*



## **Chronic rhinosinusitis with nasal polyps**

Too many eosinophils in the blood, nose and sinuses

*Increased risk of nasal polyp  
growth and nasal symptoms*



## **Treatment with Nucala**

Reduces the number of eosinophils

*Decreased risk of nasal polyp  
growth and nasal symptoms*