

What is hereditary angioedema (HAE)?*

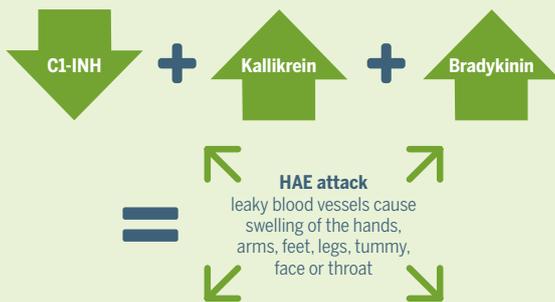
HAE is the result of a genetic mutation caused by a deficiency of the functional blood protein, C1-esterase inhibitor (C1-INH).

*HAE type I & II

What is an HAE episode?

If levels of C1-INH are low or it is not working properly, the body will produce too much of substances called kallikrein and bradykinin, which are responsible for the local swelling that is typical in episodes of HAE.

When levels of **C1-INH are too low** or it's **not working properly**



Looking after yourself

You can live a full life with HAE. Here are some suggestions to help you maintain your general health:

-  **Keep a note of your symptoms, when they occur and the locations on your body where you have a swell, including any changes over time so that you can keep your healthcare professional up to date.**
-  **HAE doesn't stop you taking exercise; see what works for you (don't forget to let your healthcare professional know when you're planning to change your exercise routine).**
-  **Find out what makes you feel stressed, think about what the triggers for your attacks could be and learn some coping skills.**
-  **Talk to other people with HAE. Your healthcare professional can put you in contact with relevant organisations.**

What is RUCONEST®?

RUCONEST® is indicated to treat acute angioedema attacks in adults, adolescents, and children (aged 2 years and above) with hereditary angioedema (HAE) due to C1 esterase inhibitor deficiency.

How RUCONEST® works

RUCONEST® has been developed for treating episodes of HAE by increasing functional C1-INH levels in the blood, thereby limiting excess release of kallikrein and bradykinin, which shall reduce the swelling.



When to take RUCONEST®

It is important to make sure that you take RUCONEST® as soon as you know that an episode is starting.

Signs of an attack vary but may include:



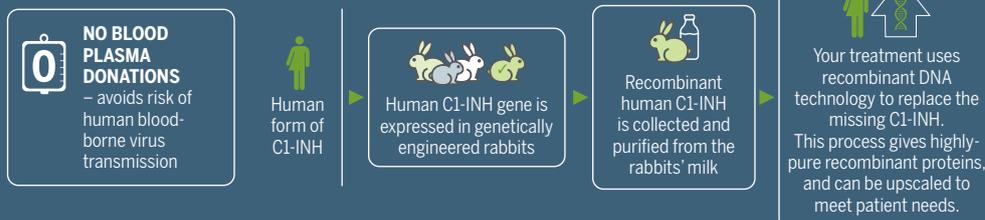
If your treating healthcare professional agrees, you can be trained to self-inject RUCONEST® at home.

It is very important to act quickly if you have an episode that involves the face or mouth, as a delay may cause serious problems with your breathing.

If you have symptoms that are causing you concern and/or feel unable to cope with administering your treatment, seek medical help immediately.

RUCONEST® is a recombinant medicine

Recombinant technology produces human C1-INH.



Recombinant medicines

Recombinant medicines are made using **human DNA**, the blueprint for how we make the proteins we need. These techniques have been used extensively over the last **35 years** to treat different diseases including:

- Arthritis
- Asthma
- Diabetes
- Haemophilia
- Cancer
- Blood disorders