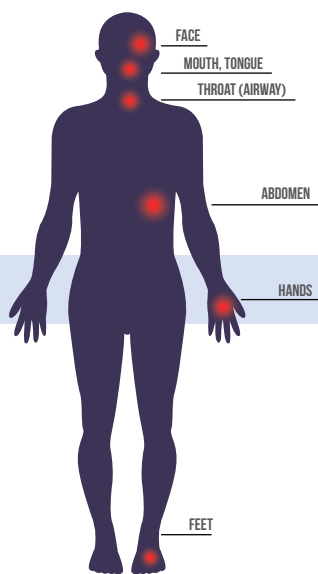


HEREDITARY ANGIOEDEMA

HAVE YOU HEARD ABOUT THIS GENETIC CONDITION?



HAE Symptoms Swelling (Edema)

Hereditary Angioedema (known as HAE) is a rare, disabling, and potentially fatal genetic condition caused by a deficiency in a blood protein called C1-Inhibitor.

Some people with HAE can experience a delay of up to 10 years between the appearance of symptoms and a diagnosis.

**AN ESTIMATED 1 IN 10,000 TO 50,000
PEOPLE ARE AFFECTED**



**AFFECTS ALL GENDERS
AND RACES**

TRIGGERS

Stress, trauma from injuries, dental procedures, surgery, colds/flu/other viral infections, blood pressure medicines called ACE inhibitors.

WOMEN

Menstruation, estrogen-based birth control pills and hormone replacement therapy, hormonal changes due to pregnancy.

TREATMENTS

Currently available HAE treatments – most of which can be self-administered and includes one that can be taken orally – allow people to effectively prevent or treat their HAE symptoms. Ongoing clinical research is likely to add new treatment options in the near future.

**IF YOU EXPERIENCE RECURRENT BOUTS
OF SWELLING EPISODES, PLEASE VISIT
YOUR DOCTOR AND ASK IF YOU
SHOULD BE TESTED FOR HAE.**

Offspring of a parent with HAE have a 50% probability of inheriting the disease



20% of newly diagnosed people with HAE have no family history because their genetic defect occurred spontaneously at conception

ATTENTION

Swelling of the throat (airway) can cause death by asphyxiation (choking). Prompt medical care is essential as soon as symptoms appear.

Abdominal swelling can cause severe pain, nausea, vomiting and diarrhea.

HAE swelling attacks are not caused by an allergic reaction. Therefore, antihistamines, corticosteroids, and epinephrine are neither effective nor suitable HAE treatments.

There are currently 8 FDA approved therapies for preventing and treating HAE attacks.



HEREDITARY
ANGIOEDEMA



US HEREDITARY ANGIOEDEMA
ASSOCIATION

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