Facts about HI

- Signs of HI may include: excessive hunger, irritability, sleepiness, shakiness, lethargy, seizures, and blood sugar levels below 70 mg/dL (3.9 mmol/l).
- Newborns with HI sometimes have a larger than normal birth weight.
- A healthy brain depends on normal glucose levels.
- It is vital to check and manage blood glucose in newborns.
- Continual appropriate management of hypoglycemia from the time of its initial onset is necessary.
- Current standard of care treatment should be available to every child with HI.
- Individuals with HI should be seen at CHI Centers of Excellence (COE), or their doctors should consult with COE clinicians, when presentation of HI is complex.
- Often, focal hyperinsulinism can be cured. A special multidisciplinary team is needed for a surgical cure.
- There is a global HI community whose members offer friendship and support for all living with HI and their families.
- With the right care, management, and support, people born with HI can lead long and healthy lives.
- Treatment advances are needed due to the complexity of care.

The work CHI does improves thousands of lives, including the life of our daughter... Forever grateful is an understatement, and that's why we will always support the Sweetest Cause!
– Whitney, HI parent

Your donation can support lifesaving research, awareness, and advocacy for children and adults with hyperinsulinism.

You can learn more or make a donation via the **QR code** or at **congenitalhi.org**

Stay Connected

Instagram/Threads: @chi_hypoglycemia
LinkedIn: Congenital Hyperinsulinism International
YouTube/Facebook/X: @congenitalhi

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When too little sugar hurts, we help.

CHI
Congenital Hyperinsulinism International

When too little sugar hurts, we help.

congenitalhi.org

What is congenital hyperinsulinism?

Congenital hyperinsulinism (HI) is a life-threatening genetic condition that causes severe low blood sugar (hypoglycemia) in infants and children.

In HI, the beta cells of the pancreas secrete too much insulin in an unregulated manner. Excess insulin causes hypoglycemia, which can lead to seizures, permanent brain damage, or even death if left untreated. Timely diagnosis is critical.

Hypoglycemia due to HI is often overlooked in newborns. Once diagnosed, HI can be treated. However, current care options are limited and can have significant side effects, highlighting the need for treatment advances. Medication, surgery, and diet often play a role in management. Early intervention and special education may be needed for affected children. HI is a rare condition; in most countries, it occurs in approximately 1/28,000 births.

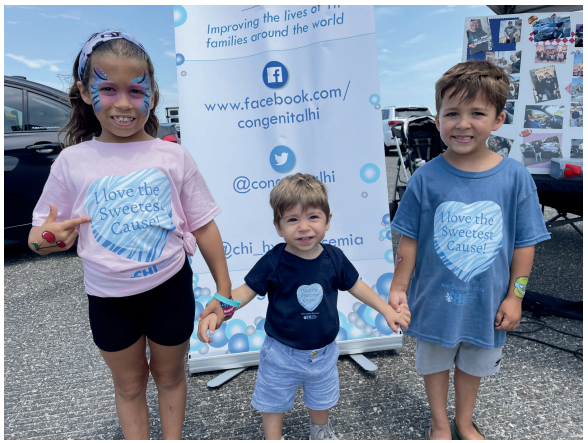
CHI has given us a community of warriors and caregivers just like us around the world. We've become one family.
– Kiersten, HI parent

About us

Congenital Hyperinsulinism International (CHI) is a nonprofit organization with the global mission to improve the lives of people impacted by HI and other rare hypoglycemic conditions.

Founded in 2005 by parents of children with HI, CHI focuses on providing support and advocacy to individuals with HI and their families; raising awareness to improve knowledge of HI among people affected by the condition, medical professionals, and the general public; and advancing research for more advanced diagnostics, new treatments, and, ultimately, a cure.

CHI works globally because we are stronger as an international community. Cooperation across borders fosters important advances in medicine. Moreover, every person born with HI deserves access to excellent care and support.



CHI's key initiatives work to address the most pressing needs of the HI community:

The HI Global Registry is the only international patient-powered research project collecting the experiences of living with HI from individuals who have the condition, their parents, and physicians. This unique project is an invaluable resource for researchers developing new treatments, better diagnostics, and improvements in quality of life.

The Collaborative Research Network is a global, groundbreaking research and advocacy collective focused on solving the biggest challenges in HI care and diagnosis.

The CHI Centers of Excellence Program designates hyperinsulinism centers providing exceptional care at the highest level.

The Open Hyperinsulinism Genes Project provides free targeted genetic testing internationally, through a partnership with the University of Exeter.

Our **Family Conferences** educate clinicians, families, and caregivers while providing the HI community with opportunities for connection and support.

Raising awareness through social media, posters, and education is a critical part of our mission.