

HoFH

Homozygous Familial Hypercholesterolemia

A severe form of familial hypercholesterolemia (FH).

HoFH is Rare

A Global Disorder

HoFH is a severe form of the common FH, affecting approximately **1 in 300,000 people** around the world.



Two FH Genes

HoFH is a family disorder. A person who has HoFH has **inherited two FH genes**, one from each parent.



A Simple Diagnosis

HoFH **can be diagnosed** with a simple blood test, a physical exam, and a family history. Physical symptoms of HoFH may include xanthomas or xanthelasmas, which are cholesterol deposits under the skin or around the eyes. HoFH may be confirmed with genetic testing.



HoFH is Severe

Causes Early, Aggressive Heart Disease

If left untreated, HoFH can cause heart attacks or sudden death, and lead to the need for bypass surgery and stents as **early as childhood**.



Extremely High Cholesterol

Individuals with HoFH have LDL cholesterol levels over 400 mg/dL, and often much higher at birth.



HoFH Must Be Treated Urgently

Multiple Treatments Are Available

There are effective treatments available for HoFH. A **combination of treatments** is usually required. HoFH is a complicated, life-threatening medical condition that requires an FH specialist's care.



Available HoFH Treatments include: statins, ezetimibe, bile acid sequestrants, bempedoic acid, PCSK9 inhibitors, Lipoprotein Apheresis, lomitapide, and evinacumab.

HoFH in Research

There are additional treatments for HoFH in **clinical trials** for adults and children.



Finding HoFH

- ▶ HoFH affects both children and adults.
- ▶ HoFH is surprisingly underdiagnosed, with signs and symptoms missed in childhood and many with HoFH not diagnosed until adulthood, delaying vital treatment.

Visit www.FamilyHeart.org to find an FH Specialist, to learn about HoFH treatments and genetic testing for HoFH, and for more information about joining a clinical trial.