Need to talk? Call us 0845 2412173 Monday to Friday 9am to 5pm

Climb™

Supporting those affected by Inherited Metabolic Disorders

Glutaric Aciduria Type 1

Glutaric Aciduria Type 1 (GA1) is a rare metabolic disorder that belongs to a group of conditions known as organic acidaemias. This is where the individual is unable to breakdown certain proteins and the result is a build up of chemicals, usually acids in the body. In GA1, there is a deficiency or an absence in the enzyme glutaryl-CoA dehydrogenase and this leads to a build up of glutaric acid. It is the build up of this acid that causes the symptoms of this condition. GA1 is estimated to affect 1 in 100,000 worldwide.

GA1 is now routinely tested for shortly after birth as part of the Newborn Bloodspot Screening Programme. If GA1 is diagnosed, treatment is started immediately. Newborn screening and early management means that most children with GA1 are now able to live normal, healthy lives. Without lifelong treatment and management, severe and life-threatening symptoms can develop, including brain damage, seizures or coma.

Synonyms

Alternative names for this condition are:

- GA 1
- Dicarboxylic Aminoaciduria
- Glutaric Acidaemia Type 1
- Glutaryl-CoA Dehydrogenase Deficiency
- Glutaryl-Coenzyme A Dehydrogenase Deficiency

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Further information about this condition is available from Climb.

Disclaimer

Please read our disclaimer and information on data protection.

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