



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



Supporting those affected by
Inherited Metabolic Disorders

ALA-D Porphyria

The Porphyrins are a group of disorders that are caused by a problem in the production of Haem resulting in an accumulation of either porphyrins, or the chemicals used to make them (precursors). Porphyrins are needed to enable Haemoglobin to work properly. This is a vital protein found in red blood cells that carries oxygen from the lungs to the tissues in the body and returns with carbon dioxide back to the lungs. It also gives blood its red colour when it contains oxygen. Porphyrins combine with iron to produce Haem (a component of Haemoglobin) which also helps to form many other proteins. It is found in all body tissues, mainly in red blood cells, bone marrow and in the liver. ALA-D Porphyria is caused by a deficiency of an enzyme called delta-aminolevulinic acid (ALA) dehydratase. This leads to a build up of the porphyrin precursor ALA, which can cause a variety of symptoms including neurological and gastrointestinal systems :

Synonyms

Alternative names for this condition are:

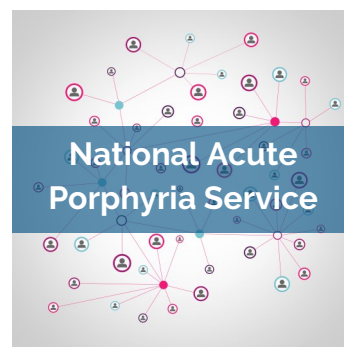
- ALAD Deficiency
- ALA-Dehydratase Deficient Porphyria
- Delta-Aminolevulinic Acid Dehydratase Deficiency
- Porphyria of Doss

Further information about this condition is available from Climb.

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