

Climb National Information Centre for Metabolic Diseases



Prolidase Deficiency

Other names that may be used for this disorder are:

- Iminodipeptidase Deficiency
- PD
- Peptidase Deficiency

Prolidase Deficiency is a very rare disorder of collagen metabolism. Collagen degrades iminodipeptides, which are compounds that are then broken down into amino acids. One of the enzymes that breaks down iminodipeptides is prolidase. In this disorder there is a deficiency of prolidase. Due to this deficiency, individuals excrete large amounts of iminodipeptides in the urine. This disorder is characterised by skin lesions on the face, hands, feet and legs. This disorder is only recognised in 40 cases.

Treatment for individuals with this disorder aims to provide relief for any symptoms and support in the care of the individual. Genetic Counselling may be of benefit to those affected by this disorder. The prognosis of this disorder varies greatly due to age of onset and the severity of the disorder.

This information is fully sourced and referenced, for more detailed information and references please contact CLIMB by email, letter or telephone.

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This information about metabolic diseases is provided by Climb and is intended for educational purposes only. It should not be used for diagnostic or treatment purposes. Should you require more detailed information please contact Climb by email (ir.svcs@climb.org.uk) or by telephone (0800 652 3181). For specific medical information regarding a particular disease or individual please contact your GP or Paediatrician. Climb accepts no responsibility for any errors or omissions nor does Climb assume any liability of any kind for the content of any information contained within this summary or any use that you may make of it.

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Climb is the only charity in the United Kingdom that provides support on all
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