Climb National Information Centre for Metabolic Diseases

Prolidase Deficiency

Other names that may be used for this disorder are:

- Imidodipeptidase 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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Climb is the only charity in the United Kingdom that provides support on all Metabolic Diseases with links worldwide

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Updated 12/08/08