Pentosuria

Other names that are used for this condition are:
- L-xylulosuria
- L-xylulose Reductase Deficiency

In this disorder there is a deficiency of the enzyme L-xylulose reductase. Red blood cells normally contain two forms of L-xylulose reductases; a major and a minor. Individuals with this condition only have the minor part of the enzyme.

This disorder occurs more frequently in Ashkenazi Jews of Polish-Russian descent.

In this condition individuals have raised levels of the sugar L-xylulose in the urine (L-xylulosuria). There are no harmful effects associated with this disorder and therefore no treatment is required.

We are unable to write a more detailed summary on this condition for one or more of the following reasons:
- a) there are only a small number of cases of this disorder;
- b) there is insufficient information available for us to confidently write a summary;
- c) we are unable to corroborate information received.

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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