

## **MPS-VI**

Written by cdutcher

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### **MPS VI (Maroteaux-Lamy syndrome)**

What causes this disease?

Children with Maroteaux-Lamy are missing an enzyme which is essential in cutting up the mucopolysaccharides called dermatan sulfate. The incompletely broken down mucopolysaccharides remain stored in cells in the body causing progressive damage.

How common are these diseases?

It has been estimated that about 1 in 215,000 births are affected with MPS VI (Maroteaux-Lamy syndrome). There is an estimate in the United States that 1 in 25,000 births will result in some form of MPS.

How is the disease inherited?

MPS VI (Maroteaux-Lamy syndrome) is caused by a recessive gene. The only way is if two individuals carrying the gene reproduce and then the offspring has a  $\frac{1}{4}$  chance of being born with it.

Is there cure for MPS VI (Maroteaux-Lamy syndrome)?

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There is no cure but treatments such as enzyme replacement therapies can help make MPS VI a more manageable disease. <http://www.naglazyme.com/> .