

Hemophilia A is an X-linked recessive trait. If a man's mother is homozygous for the normal allele and his father is a hemophiliac, what are his chances of having hemophilia?

A 0%

B 25%

C 50%

D 100%

The allele for hemophilia is on the X chromosome, which a male inherits from his mother.

Answer **A**.

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