

Huntington disorder is an autosomal dominant disorder. If a woman's father has Huntington disorder and her mother does not, what is the likelihood that she will also suffer from this disorder?

- A 25%
- B 50%
- C 75%
- D 100%

There is a 50% percent chance that she inherited a recessive normal allele from her mother and a 50% percent chance that she inherited the dominant abnormal allele from her father.

Answer **B**.