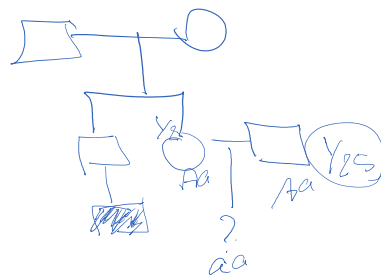


Couple with diagnosis of CF in mother's nephew . What is risk to fetus?



$$\text{affected fetus} = \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{25} = \frac{1}{200}$$

affected ♀ \rightarrow affected ♂ ♀ \rightarrow affected ♀ \rightarrow affected ♂ ♀

$$\frac{1}{200} \times \frac{1}{2} = \frac{1}{400}$$

Couple with diagnosis of CF in father's brother. What is risk to fetus?

