

FASTS ABOUT GENE

A genetic disorder is not caused by anything that a mum does while the baby is in her tummy and you cannot catch it from someone. It is just something that some children are born with.

Sometimes there is a mistake in a gene - part of it might be missing or be in the wrong place. When this happens, it might mean that a child is blind, or cannot walk, or has to take medicine each day. This is called a genetic disorder.

> Each gene has a special job to do and carries the instructions for making proteins. Proteins are the building blocks for everything in our body - they make our bones, our blood, our teeth, our hearts and even our earlobes!



Our bodies are made up of 50 trillion cells

Inside each cell are around 23,000 genes

> We inherit half of our genes from our mum and half from our dad

Genes carry information that help your body know how to grow, develop and function

A Centre for Genetics in Healthcare