





DNA & Genetic Diseases




Did you know?



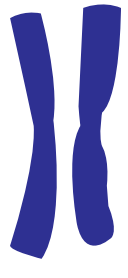
Genetic testing is done by using a blood or spit sample. As we share the same DNA as our family members, if you have a genetic change, they might have it too.




Types of Diseases




Some diseases you can get due to genetics are colon cancer, breast cancer, sickle cell, down syndrome, etc...




Treatment




There is different methods for treating a person, due to their needs. For example, a heart defect would mostly treated by getting surgery or a heart transplant.




Gene Basics



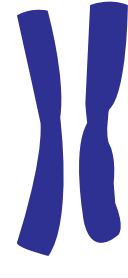
Everyone inherits genes from their parents, 46 in total. A female has 2 Y chromosomes while the male has 1 Y and 1 X chromosome.




Genetic Disorders



Genetic disorders can occur for several different reasons. Some diseases occur due to a DNA mutation in a person's gene. For example, if the sequence is TAC then the mutation can change it to TCC in some people.



Genetic Testing



Genetic testing is a detailed analysis of a person's DNA. It tells them if there is changes in their gene makeup or reveal gene mutations that could cause the disease. The earlier the testing gets done the better.

