

Carrier Parent



Genetic disorders are passed on through DNA.

Carrier Parent

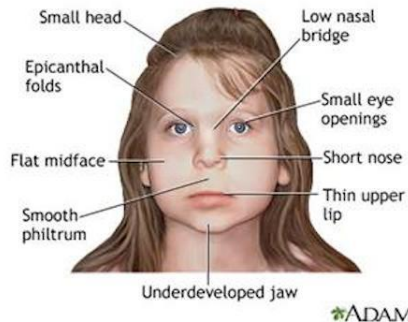
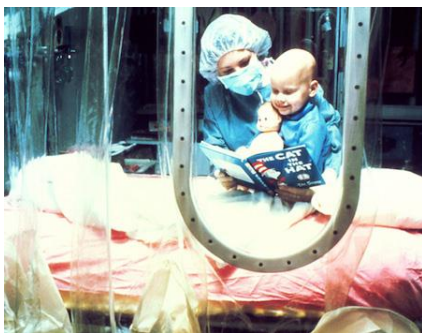


Affected Child



The knowledge of the human genome would allow scientists to directly alter the affected genes and eliminate genetic disorders.

The big data of genomics was once too vast to be acquired entirely. Now, the human genome can be completely sequenced with new sequencing technologies that handle big data and can be used to pinpoint exactly which genes are affected.



Some examples of genetic disorders that can be prevented and/or cured in the future with the help of genetic sequencing