



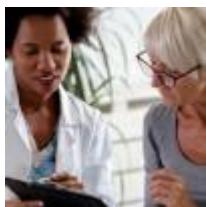
25 YEARS
of health
information

Home → Genetics

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Genetics

Find consumer-friendly information about the effects of genetic variation on human health.



Genetic Conditions

Learn about the signs and symptoms, causes, and inheritance of more than 1,300 health conditions with a genetic basis.

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Genes

Find information about the function of more than 1,400 genes and see how changes in these genes are related to health conditions.

[<https://medlineplus.gov/genetics/gene/>]



Chromosomes and mtDNA

Read about each of the 23 pairs of human chromosomes and mitochondrial DNA (mtDNA).

[<https://medlineplus.gov/genetics/chromosome/>]



Help Me Understand Genetics

Explore topics in human genetics, from the basics of DNA to genomic research and personalized medicine.

[<https://medlineplus.gov/genetics/understanding/>]

Related Health Topics

Genes and Gene Therapy [<https://medlineplus.gov/genesandgenetherapy.html>]

Genetic Disorders [<https://medlineplus.gov/geneticdisorders.html>]

Genetic Testing [<https://medlineplus.gov/genetictesting.html>]

Newborn Screening [<https://medlineplus.gov/newbornscreening.html>]

Understanding Genetics

What is DNA? [<https://medlineplus.gov/genetics/understanding/basics/dna/>]

What is a gene? [<https://medlineplus.gov/genetics/understanding/basics/gene/>]

What is a gene variant and how do variants occur?

[<https://medlineplus.gov/genetics/understanding/mutationsanddisorders/genemutation/>]

What does it mean if a disorder seems to run in my family?

[<https://medlineplus.gov/genetics/understanding/inheritance/runsinfamily/>]