

## Neurofibromatosis (NF)

Neurofibromatosis is a genetic condition that causes tumours to grow on nerves throughout the body, brain, and on the skin. These tumours are often inoperable and can cause complications such as severe disfigurement, bone deformities, chronic pain, vision impairment, and cancer.

- 1 in 3,000 births is affected by NF (2,500,000 worldwide).
- 120 children are born every day with NF.
- NF affects all populations, genders, and ethnicities equally.

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[www.tumourfoundation.ca](http://www.tumourfoundation.ca)

## Types

NF is an umbrella term for three distinct disorders: NF1, NF2, and Schwannomatosis.

## Cause: Genetic Disorders

NF1 is the most common form and is caused by a mutation in a gene found on chromosome 17.

## Impact on Patient's Quality of Life

NF affects a patient's quality of life with severe complications, significant impact on cosmetic features, which impact mental well being and having to live with the uncertainty of the effects of the disorder.

## Treatment and Care of Condition

There is no cure. However, the first FDA approved drug to treat plexiform tumours in the paediatric population came to market in the U.S. in April 2020. This treatment has not yet been approved in Canada.



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