Neurofibromatosis

The neurofibromatoses are a group of three genetically distinct but related disorders of the nervous system that cause tumors to grow around the nerves. Tumors begin in the cells that make up the myelin sheath, a thin membrane that envelops and protects nerve fibers, and often spread into adjacent areas. The type of tumor that develops depends on its location in the body and the kind of cells involved. The most common tumors are neurofibromas, which develop in the tissue surrounding peripheral nerves. Most tumors are non-cancerous, although occasionally they become cancerous over time.

An estimated 100,000 Americans have a neurofibromatosis (the singular form of neurofibromatoses) disorder, which occurs in both sexes and in all races and ethnic groups. Scientists have classified the disorders as neurofibromatosis type 1 (NF1), neurofibromatosis type 2 (NF2), and a type that was once considered to be a variation of NF2 but is now called schwannomatosis.

Neurofibromas frequently grow on spinal nerve roots. If they compress the spinal cord, they can cause paralysis or disturbances in sensation in different parts of the body, depending on what part of the spinal cord is compressed.

Source: NINDS: Neurofibromatosis Info Page, Merck Manual

Websites

https://www.ninds.nih.gov/Disorders/All-Disorders/Neurofibromatosis-Information-Page
NINDS: Neurofibromatosis Information Page

https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Fact-Sheets/Neurofibromatosis-Fact-Sheet
NINDS: Neurofibromatosis Fact Sheet

NINDS: Neurofibromatosis booklet
MedlinePlus: Neurofibromatosis

Merck Manual: Tumors of the Nervous System

http://www.ctf.org/
Children’s Tumor Foundation: Ending Neurofibromatosis Through Research
370 Lexington Ave, Ste. 2100
New York, NY 10017
Phone: 212-344-6633
E-mail: info@ctf.org

www.nfnetwork.org
Neurofibromatosis Network
213 S. Wheaton Ave.
Wheaton, IL 60187
Phone: 630.510.1115
Toll-free: 800-942-6825
Email: admin@nfnetwork.org
Neurofibromatosis Network is a national organization advocating for federal funding for NF research and the development of local NF organizations.

eMedicine: Neurofibromatosis, Type 1

eMedicine: Neurofibromatosis, Type 2

http://kidshealth.org/parent/system/ill/nf.html
KidsHealth: Neurofibromatosis

http://www.inspire.com/groups/neurofibromatosis-inc/
Neurofibromatosis, Inc. Support Community

www.thrivingwithnf.com
Thriving with Neurofibromatosis

http://en.wikipedia.org/wiki/Neurofibromatosis
Wikipedia: Neurofibromatosis
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