



[Home](#) → [Health Topics](#) → [Reye Syndrome](#)

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## Reye Syndrome

Reye syndrome is a rare illness that can affect the blood, liver, and brain of someone who has recently had a viral infection. It always follows another illness. Although it mostly affects children and teens, anyone can get it. It can develop quickly and without warning. It is most common during flu season. Symptoms include:



- Nausea and vomiting
- Listlessness
- Personality change - such as irritability, combativeness or confusion
- Delirium
- Convulsions
- Loss of consciousness

If these symptoms occur soon after a viral illness, seek medical attention immediately. Reye syndrome can lead to a coma and brain death, so quick diagnosis and treatment are critical. Treatment focuses on preventing brain damage. There is no cure.

The cause of Reye syndrome is unknown. Studies have shown that taking aspirin increases the risk of getting it. Because of that, health care professionals now recommend other pain relievers for young patients.

*NIH: National Institute of Neurological Disorders and Stroke*

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- **Ammonia Levels** [<https://medlineplus.gov/lab-tests/ammonia-levels/>]  (National Library of Medicine)  
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/niveles-de-amoniaco/>]
- **CSF analysis** [<https://medlineplus.gov/ency/article/003369.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/003369.htm>]
- **Reye Syndrome** [<https://kidshealth.org/en/parents/reye.html>] (Nemours Foundation)  
Also in Spanish [<https://kidshealth.org/es/parents/reye.html>]
- **Reye syndrome** [<https://medlineplus.gov/ency/article/001565.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001565.htm>]
- **Reye's Syndrome** [<https://www.ninds.nih.gov/health-information/disorders/reyes-syndrome>]  (National Institute of Neurological Disorders and Stroke)

### Journal Articles

**References and abstracts from MEDLINE/PubMed (National Library of Medicine)**

- **Article: Pharmacogenetic Analysis of an 8-Year Old Girl with Reye Syndrome Associated...** [<https://www.ncbi.nlm.nih.gov/pubmed/38311849>]
- **Article: Reye Syndrome- An Enigma That Remains.** [<https://www.ncbi.nlm.nih.gov/pubmed/37293908>]
- **Article: Spontaneous regression of a Reye's tumor: A case report.** [<https://www.ncbi.nlm.nih.gov/pubmed/36967349>]

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## National Institutes of Health

The primary NIH organization for research on *Reye Syndrome* is the National Institute of Neurological Disorders and Stroke [<http://www.ninds.nih.gov/>]

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