



DID YOU KNOW?

STROKE OCCURS IN TODDLERS, CHILDREN, AND TEENS. STROKE IS AN EMERGENCY AT ANY AGE!

WARNING SIGNS



IF ONE OR MORE OF THESE SIGNS ARE PRESENT, DON'T DELAY!

CALL 911 OR THE EMERGENCY SYSTEM IN YOUR COUNTRY!

ADDITIONAL WARNING SIGNS IN CHILDREN

- Severe sudden headache, especially with vomiting and sleepiness
- Sudden weakness or numbness on one side of the body (face, arm and/or leg)
- Sudden confusion, difficulty speaking or understanding others
- Sudden trouble seeing to one side or loss of vision
- Sudden difficulty walking, dizziness, loss of balance or coordination
- New-onset of seizures usually on one side of the body

IF IT LOOKS LIKE A STROKE

THINK STROKE

Signs of stroke are often missed in children and teens because there is a lack of awareness that strokes can happen in this age group.



About **HALF** of the children presenting with a stroke have a **PREVIOUSLY IDENTIFIED RISK FACTOR**

TOP 10

Stroke is one of the **TOP 10 CAUSES OF DEATH** in children



The use of **tPA** (a clot busting treatment) or clot retrieval devices are **NOT FDA APPROVED FOR USE IN CHILDREN** in the U.S.

MEDICAL CONDITIONS ASSOCIATED WITH STROKE INCLUDE:

Sickle Cell Disease, Moyamoya Syndrome, Arterial Dissection, Autoimmune Disorders, Congenital Heart Disease, Blood Clotting Disorders

Learn more at iapediatricstroke.org and strokeassociation.org

International Alliance
for Pediatric Stroke

Sources:
iapediatricstroke.org/infographic.pdf
iapediatricstroke.org/2014%20AHA.fact.pdf
heart.org/idc/groups/heart-public/@wcm/@sop/@smd/documents/downloadable/ucm_472920.pdf

DID YOU KNOW?

A STROKE CAN HAPPEN TO INFANTS AND UNBORN BABIES

Perinatal Stroke: Usually occurs between the middle of pregnancy and delivery

WARNING SIGNS AND SYMPTOMS

NEWBORNS

- **Seizures**
 - Repetitive twitching of face, arm or leg
 - Apnea (pauses in breathing) associated with staring
- **Lethargy, poor feeding**

DEVELOPING BABIES

- **Decreased movement or weakness on one side of the body**
- **Showing a hand preference before one year of age**
- **Developmental delays**

Newborns—alert medical team/emergency services for possible signs of stroke

What to do?

Developing Babies—diagnosis requires early recognition of hand preference, developmental delays or decreased movement on one side of the body. Consult with child's healthcare team which may include a pediatric neurologist. An MRI of the brain is usually required.



RISK FACTORS

The cause in most perinatal strokes remains unknown.

Some factors that could lead to stroke include:



Congenital heart disease



Disorders of the placenta



Acute blood clotting disorders



Infections

FACTS

- **LESS THAN 1%** of children with perinatal stroke will go on to have more strokes
- Recurrence in subsequent pregnancies is also **VERY RARE (<1%)**
- Affects about **1 IN 2,000** live births

60%

will have permanent neurological deficits, which may include: **one-sided weakness, epilepsy, speech and language difficulties, visual impairments, learning and memory problems, behavior changes**

Learn more at iapediatricstroke.org and strokeassociation.org

International Alliance
for Pediatric Stroke

Sources:

iapediatricstroke.org/infographic.pdf
iapediatricstroke.org/2014%20AHA.fact.pdf
heart.org/idc/groups/heart-public/@wcm/@sop/@smd/documents/downloadable/ucm_472920.pdf