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Transient Ischemic Attack

Also called: Mini-stroke, TIA

A transient ischemic attack (TIA) is a **stroke** [<https://medlineplus.gov/stroke.html>] that lasts only a few minutes. It happens when the blood supply to part of the brain is briefly blocked. Symptoms of a TIA are like other stroke symptoms, but do not last as long. They happen suddenly, and include:


- Numbness or weakness, especially on one side of the body
- Confusion or trouble speaking or understanding speech
- Trouble seeing in one or both eyes
- Difficulty walking
- Dizziness
- Loss of balance or coordination

Most symptoms of a TIA disappear within an hour, although they may last for up to 24 hours. Because you cannot tell if these symptoms are from a TIA or a stroke, you should go to the hospital right away.



TIAs are often a warning sign for future **strokes** [<https://medlineplus.gov/ischemicstroke.html>] . Taking medicine, such as blood thinners [<https://medlineplus.gov/bloodthinners.html>] , may reduce your risk of a stroke. Your doctor might also recommend surgery. You can also help lower your risk by having a **healthy lifestyle** [<https://medlineplus.gov/healthyliving.html>] . This includes not smoking, not drinking too much, eating a healthy diet, and exercising. It is also important to control other health problems, such as **high blood pressure** [<https://medlineplus.gov/howtopreventhighbloodpressure.html>] and **cholesterol** [<https://medlineplus.gov/howtolowercholesterol.html>] .

NIH: National Institute of Neurological Disorders and Stroke



Start Here

- TIA (Transient Ischemic Attack) [<https://www.stroke.org/en/about-stroke/types-of-stroke/tia-transient-ischemic-attack>] (American Stroke Association)
- Transient Ischemic Attack (TIA) [<https://www.ninds.nih.gov/health-information/disorders/transient-ischemic-attack-tia>]  (National Institute of Neurological Disorders and Stroke)
Also in **Spanish** [<https://www.ninds.nih.gov/es/health-information/disorders/accidente-isquemico-transitorio-ait>]


Symptoms

- Stroke Signs and Symptoms [<https://www.ninds.nih.gov/health-information/stroke/signs-and-symptoms>]  (National Institute of Neurological Disorders and Stroke)
- Stroke Symptoms and Warning Signs [<https://www.stroke.org/en/about-stroke/stroke-symptoms>]  (American Stroke Association)
Also in **Spanish** [<https://www.stroke.org/es/about-stroke/stroke-symptoms>]


Diagnosis and Tests

- Brain MRI (Magnetic Resonance Imaging) [<https://www.radiologyinfo.org/en/info/mri-brain>]  (American College of Radiology; Radiological Society of North America)
Also in Spanish [<https://www.radiologyinfo.org/es/info/mri-brain>]
- Carotid Ultrasound Imaging [<https://www.radiologyinfo.org/en/info/us-carotid>]  (American College of Radiology; Radiological Society of North America)
Also in Spanish [<https://www.radiologyinfo.org/es/info/us-carotid>]

Prevention and Risk Factors

- What Are Stents? [<https://www.nhlbi.nih.gov/health/stents>]  (National Heart, Lung, and Blood Institute)
Also in Spanish [<https://www.nhlbi.nih.gov/es/salud/endoprotesis>]


Treatments and Therapies

- Blood Thinners: MedlinePlus Health Topic [<https://medlineplus.gov/bloodthinners.html>]  (National Library of Medicine)
Also in Spanish [<https://medlineplus.gov/spanish/bloodthinners.html>]

Related Issues

- Life after Stroke [<https://www.stroke.org/en/life-after-stroke>] (American Stroke Association)
Also in Spanish [<https://www.stroke.org/es/life-after-stroke>]
- Ministroke vs. Regular Stroke: What's the Difference? [<https://www.mayoclinic.org/diseases-conditions/transient-ischemic-attack/expert-answers/mini-stroke/FAQ-20058390?p=1>] (Mayo Foundation for Medical Education and Research)
Also in Spanish [<https://www.mayoclinic.org/es/diseases-conditions/transient-ischemic-attack/expert-answers/mini-stroke/FAQ-20058390?p=1>]


Videos and Tutorials

- Transient Ischemic Attack [<https://watchlearnlive.heart.org/index.php?moduleSelect=tisatk>]  (American Heart Association)

Statistics and Research

- Heart and Stroke Statistics [<https://www.heart.org/en/about-us/heart-and-stroke-association-statistics>] (American Heart Association)

Clinical Trials


- ClinicalTrials.gov: Ischemic Attack, Transient [<https://clinicaltrials.gov/search?cond=%22Ischemic+Attack,+Transient%22&aggFilters=status:not%20rec>]  (National Institutes of Health)

Journal Articles

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

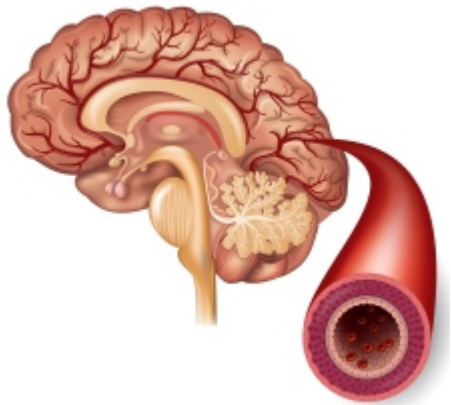
- Article: Focal Hypoperfusion on Baseline Perfusion-Weighted MRI and the Risk of Subsequent... [<https://www.ncbi.nlm.nih.gov/pubmed/40706000>]
- Article: Ticagrelor versus clopidogrel in CYP2C19 loss-of-function carriers with stroke or TIA... [<https://www.ncbi.nlm.nih.gov/pubmed/40701985>]
- Article: Relationship Between Neutrophil Count and 90-Day Outcomes and Effect of Dual... [<https://www.ncbi.nlm.nih.gov/pubmed/40654232>]
- Transient Ischemic Attack -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Ischemic+Attack%2C+Transient%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+1+Year%22+%5Bedat%5D+NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29+AND+free+full+text%5Bsb%5D+>]

Find an Expert

- American Heart Association [<https://www.heart.org/en/>]
- National Institute of Neurological Disorders and Stroke [<https://www.ninds.nih.gov/>] 

Patient Handouts

- Carotid artery surgery - open [<https://medlineplus.gov/ency/article/002951.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/002951.htm>]
- Transient ischemic attack [<https://medlineplus.gov/ency/article/000730.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000730.htm>]
- Vertebrobasilar circulatory disorders [<https://medlineplus.gov/ency/article/001423.htm>] (Medical Encyclopedia)
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001423.htm>]



MEDICAL ENCYCLOPEDIA

- Carotid artery surgery - open [<https://medlineplus.gov/ency/article/002951.htm>]
- Head MRI [<https://medlineplus.gov/ency/article/003791.htm>]
- Transient ischemic attack [<https://medlineplus.gov/ency/article/000730.htm>]
- Vertebrobasilar circulatory disorders [<https://medlineplus.gov/ency/article/001423.htm>]

Related Health Topics

- Ischemic Stroke [<https://medlineplus.gov/ischemicstroke.html>]
- Stroke [<https://medlineplus.gov/stroke.html>]

National Institutes of Health

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

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