



American Stroke Association.
A division of the American Heart Association.

The known and unknown of stroke

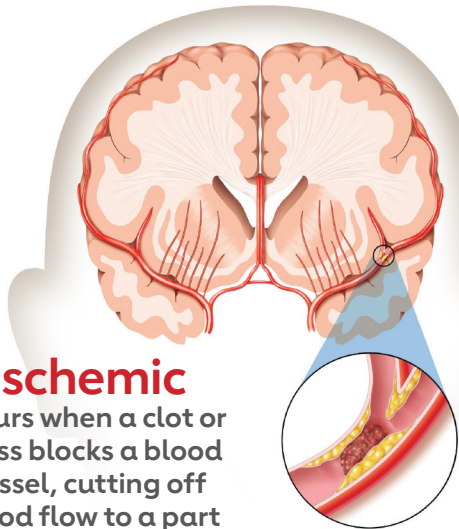
KNOWN

Each year **795,000** people in the U.S. have a stroke.¹

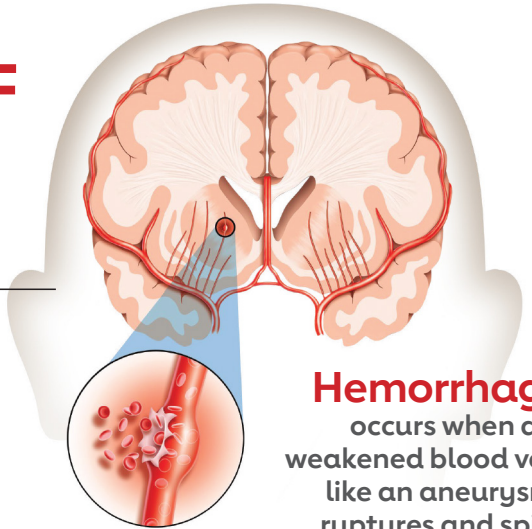
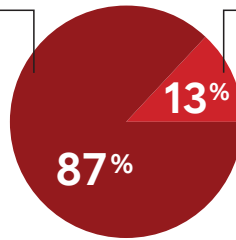


STROKE is an interruption of blood flow to the brain. Without oxygen-rich blood, brain cells die.

TYPES OF STROKE



Ischemic occurs when a clot or mass blocks a blood vessel, cutting off blood flow to a part of the brain.¹



Hemorrhagic occurs when a weakened blood vessel, like an aneurysm, ruptures and spills blood into the brain.¹



ABOUT 1 in 3 ischemic strokes are classified as **CRYPTOGENIC**, meaning the CAUSE IS UNKNOWN.²

FINDING THE CAUSE & SECONDARY STROKE RISK FACTORS

are important because it helps your doctor develop a plan personalized for you to prevent another stroke.



POSSIBLE HIDDEN CAUSES

While some patients may continue to have the cause of their stroke unknown, a cause or secondary stroke risk factors may be revealed with further testing.



Irregular heartbeat (Atrial Fibrillation)

AFib patients are at a **5X** greater risk for stroke.¹

Heart structure problem (such as Patent Foramen Ovale)

Hardening of the arteries (Large Artery Atherosclerosis)

Blood clotting disorder (Thrombophilia)

UNKNOWN

FIND THE FACTS at stroke.org/unknowncause

1 - Virani SS, Alonso A, Aparicio HJ, et al. on behalf of the AHA Statistics Committee and SS Subcommittee Heart disease and stroke statistics-2021 update. *Circulation*. 2021;143:e254-e743
2 - Kleindorfer DO, Towfighi, Chaturvedi S, et al. 2021 Guideline for the Prevention of Stroke in Patients with Stroke and Transient Ischemic Attack: A Guideline from the American Heart Association/American Stroke Association. *Stroke*. 2021;52:e364-e467.

Medtronic

Supports the American Stroke Association's Cryptogenic Stroke Initiative.

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