



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

The known and unknown of stroke

KNOWN

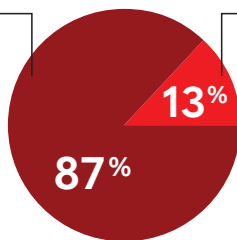
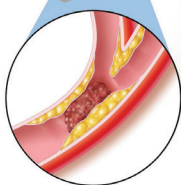
Each year **795,000**
people in the U.S. have a stroke.²



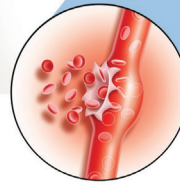
STROKE is
an interruption of blood flow to the brain.
Without oxygen-rich blood, brain cells die.

TYPES OF STROKE

Ischemic
occurs when a clot or
mass blocks a blood
vessel, cutting off
blood flow to a part
of the brain.^{1,2}



Hemorrhagic
occurs when a
weakened blood vessel,
like an aneurysm,
ruptures and spills
blood into the brain.^{1,2}



?

ABOUT 1/4 of ischemic strokes are classified as
CRYPTOGENIC, meaning the **CAUSE IS UNKNOWN**.³

FINDING THE CAUSE

of a stroke is important because it helps
reduce the risk of another stroke.



POSSIBLE HIDDEN CAUSES



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/CS

Medtronic

Supports the American Stroke Association's
Cryptogenic Stroke Initiative.

1 - Benjamin EJ, et al. Circulation. 2019;139:e56-e528.

2 - Benjamin EJ, Blaha MJ, Chiuve SE, et al. on behalf of the AHA Statistics Committee and SS Subcommittee.

Heart disease and stroke statistics—2017 update: a report from the AHA. Circulation. 2017;135:e229-e445.

3 - Saver, JL. Cryptogenic Stroke. N Engl J Med 2016;374:2065-74.