



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

Together to End Stroke®

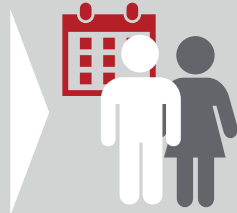
# OPPORTUNITIES FOR STROKE RECOVERY HAVE NEVER BEEN GREATER

## UPDATED GUIDELINES EMPHASIZE IMPORTANCE OF QUICK ACTION

About

# 795,000

Americans will have a new or recurrent stroke this year.



More than

# 690,000

PER YEAR

U.S. strokes are caused when a clot cuts off blood flow to a part of the brain. (called an ischemic stroke).

Stroke is the No. 5 cause of death in the United States, killing more than 142,000.<sup>1</sup>



## 1 in 19 DEATHS

### QUICK TREATMENT = LESS BRAIN DAMAGE! Importance of Getting to the Hospital Quickly



Get to the hospital at the first sign of stroke so you can be evaluated and receive treatment in time. Stroke treatment begins in the ambulance. Calling 9-1-1 can help patients get treated more quickly and get them to a hospital that specializes in stroke care.

AS SOON AS POSSIBLE WITHIN **4.5 HOURS** in select patients

IV alteplase

AS SOON AS POSSIBLE WITHIN **UP TO 24 HOURS AFTER STROKE BEGINS<sup>2</sup>** in select patients

mechanical thrombectomy

Clot busters and clot-removal procedures must be administered within a few hours of stroke symptoms to lessen the chance of being disabled after a stroke.

Mechanical thrombectomy is a procedure that can physically remove a large blood clot from a blocked artery in the brain.

# 9-1-1

## Call 9-1-1 at the first sign of stroke.

### LEARN AND SHARE THE WARNING SIGNS OF STROKE

Spot a Stroke F.A.S.T.

**F** **FACE DROOPING**  
Does one side of the face droop or is it numb?

**A** **ARM WEAKNESS**  
Is one arm weak or numb?

**S** **SPEECH DIFFICULTY**  
Is speech slurred, are they unable to speak, or are they hard to understand?

**T** **TIME TO CALL 9-1-1**  
If the person shows any of these symptoms, even if the symptoms go away, call 9-1-1 and get to the hospital immediately.

1. Heart Disease and Stroke Statistics-2019 Update: A Report from the American Heart Association 2. Guidelines for the Early Management of Patients With Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke