

# THE GLOBAL IMPACT OF STROKE



A **stroke** occurs when a blood vessel that carries oxygen and nutrients to the brain is either blocked by a clot (ischemic stroke) or bursts (hemorrhagic stroke), causing brain cells to die.<sup>1</sup>



Strokes are the **second leading cause** of death globally<sup>2</sup>



This year, **14.5 million people** around the world will have a stroke and **5.5 million people** will lose their lives as a result<sup>3</sup>



Approximately **3 to 4% of total health care expenditures** in Western countries are spent on stroke<sup>4</sup>

## LEARN THE RISK FACTORS

Up to **90% of strokes are preventable** by controlling certain risk factors<sup>5</sup>:



Managing conditions like high blood pressure, diabetes, obesity and atrial fibrillation (AFib)<sup>6</sup>



Smoking cessation, eating a healthy diet, exercising regularly<sup>6</sup>

## TIME IS BRAIN



**1.9 million brain cells** are lost every minute someone is having a stroke<sup>7</sup>



**Seeking timely treatment** can make a difference in someone's survival, as well as how well their brain, arms, legs, speech or thinking are able to recover

## ACT F.A.S.T.

By **acting immediately** to seek out stroke treatment, the better chance patients have at recovery

**F**  
**A**  
**S**  
**T**

— **Face Drooping**

— **Arm Weakness**

— **Speech Difficulty**

— **Time to Dial 911**



If you or a loved one experience signs of stroke, **seek help immediately** from emergency medical services

1. "About Stroke." American Stroke Association. 2021. <https://www.stroke.org/en/about-stroke>

2. "The Top 10 Causes of Death." World Health Organization. 2020. <https://www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death#:~:text=Stroke%20and%20chronic%20obstructive%20pulmonary,4th%20leading%20cause%20of%20death.>

3. "Why stroke matters." World Stroke Organization. 2021. <https://www.world-stroke.org/world-stroke-day-campaign/why-stroke-matters.>

4. Katan M, Luft A. Global Burden of Stroke. Semin Neurol. 2018 Apr;38(2):208-211. doi: 10.1055/s-0038-1649503. Epub 2018 May 23. PMID: 29791947.

5. "Stroke prevention." World Stroke Organization. <https://www.world-stroke.org/world-stroke-day-campaign/why-stroke-matters/stroke-prevention.>

6. "Risk Factors Under Your Control." American Stroke Association. 2021. <https://www.stroke.org/en/about-stroke/stroke-risk-factors/risk-factors-under-your-control>

7. Saver, Jeffrey L. "Time Is Brain," 1 Jan. 2006, [www.ahajournals.org/doi/epub/10.1161/01.STR.0000196957.55928.ab](http://www.ahajournals.org/doi/epub/10.1161/01.STR.0000196957.55928.ab)