

I'm not a robot!





# The known and unknown of stroke

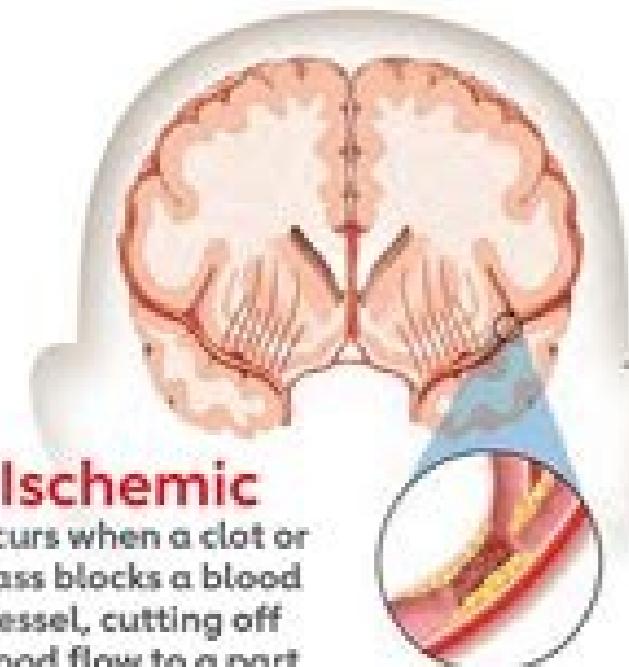
KNOWN

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

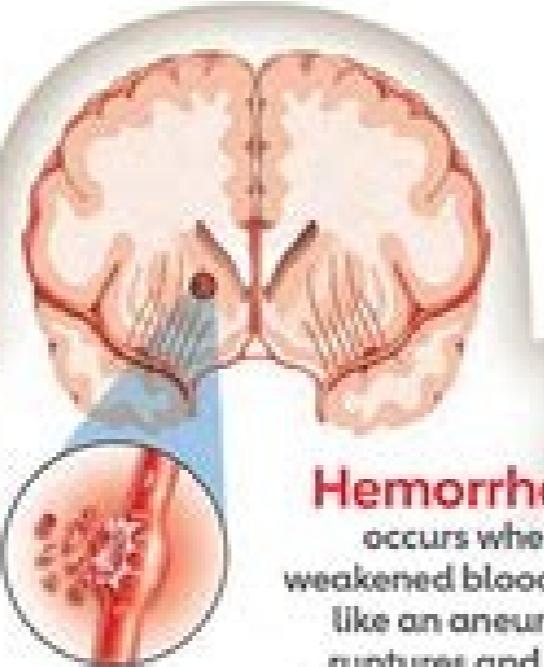


## STROKE IS

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.<sup>1,2</sup>

**Hemorrhagic**  
occurs when a  
weakened blood vessel,  
like an aneurysm,  
ruptures and spills  
blood into the brain.<sup>1,2</sup>



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

## 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.<sup>1</sup>

**Heart structure problem**  
(such as Patent Foramen Oval)  
**Hardening of the arteries**  
(Large Artery Atherosclerosis)  
**Blood clotting disorder**  
(Thrombophilia)

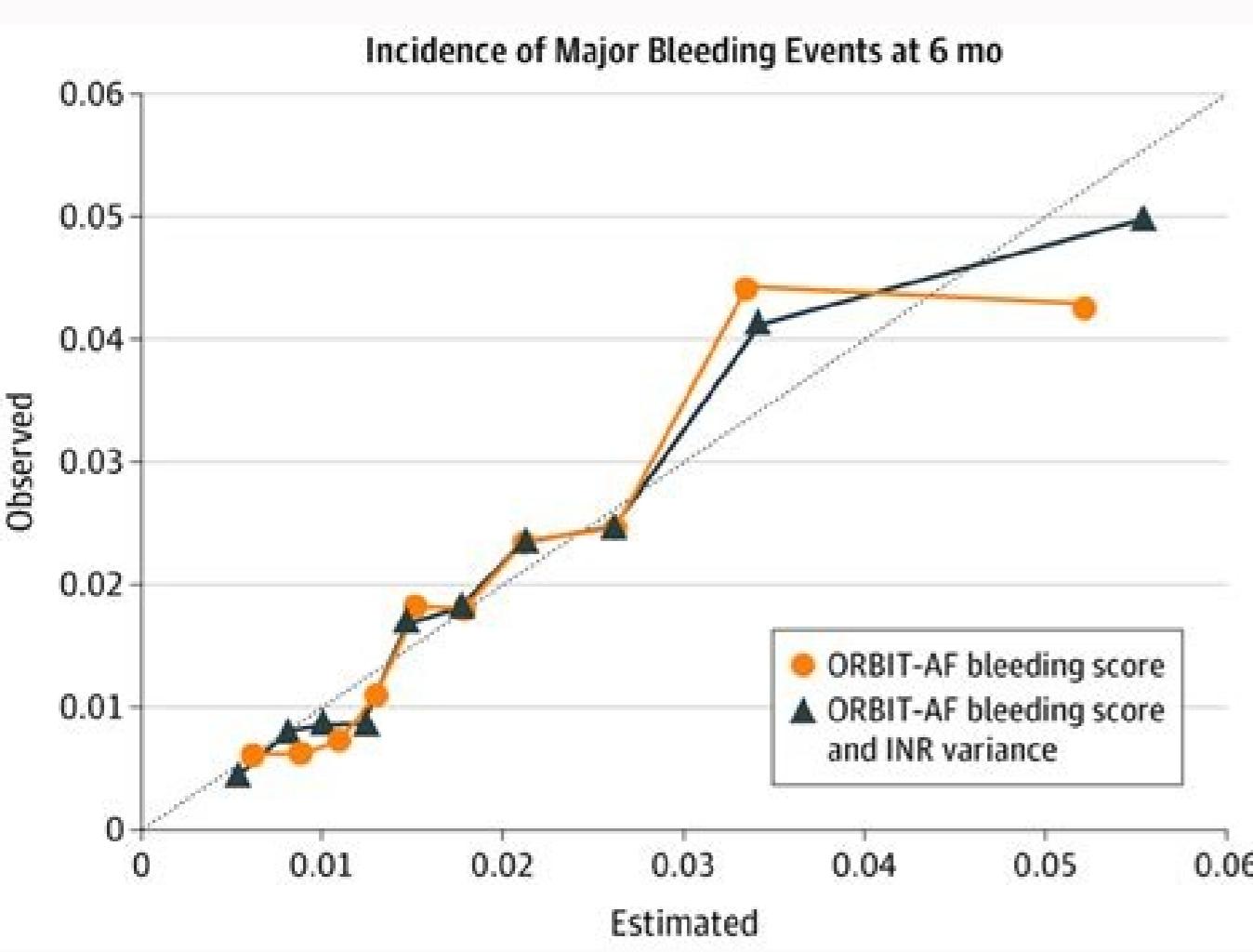
UNKNOWN

FIND THE FACTS at [Stroke.org/CS](http://Stroke.org/CS)

**Medtronic**

Supports the American Stroke Association's  
Cryptogenic Stroke Initiative.

1 - Benjamin EJ, et al. Circulation. 2018;139:e54-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.



การใช้พาร์ทิชั่นในห้องน้ำ (Medical Uses of Probiotics)

การรักษาด้วยยา (Medicinal uses)

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