

Stroke epidemiology and its effect on patients



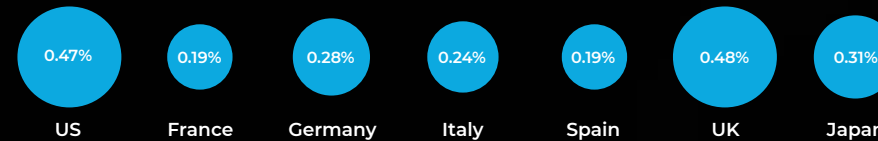
What is a stroke?

A stroke occurs when blood flow to a certain area of the brain is cut off, and it can happen to anyone at any time. When this happens, the brain cells are deprived of oxygen and begin to die. As this occurs, different functional abilities such as memory, muscle movements, and speech could be lost depending on the location of the stroke in the brain.¹



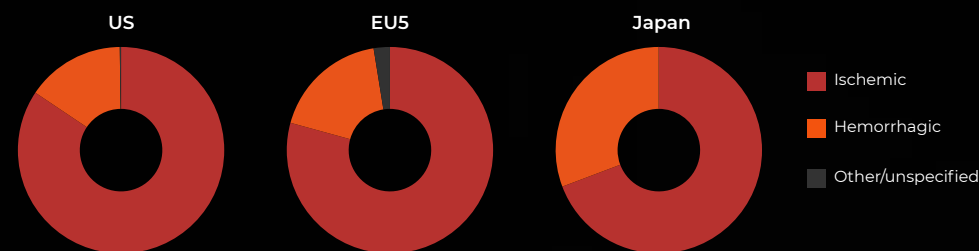
What is the incidence rate of strokes?

2022 summary of Cerner Enviza's stroke estimates.¹



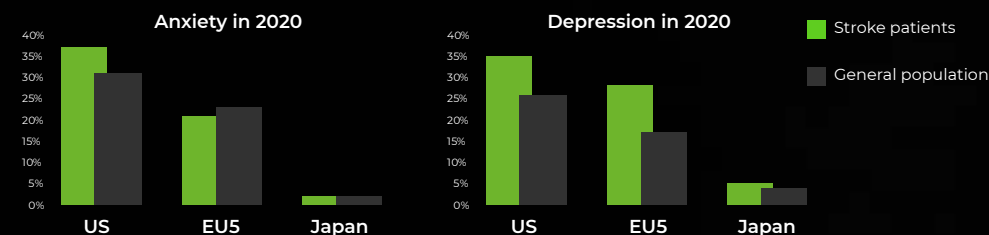
What are the types of stroke?

The two main forms of stroke are hemorrhagic and ischemic. Hemorrhagic strokes occur when either a brain aneurysm bursts or a blood vessel leaks. When this happens, blood spills into areas of the brain that it should not, creating swelling, pressure, and damage to the brain cells and surrounding tissues. An ischemic stroke occurs when a blood clot blocks a blood vessel that carries oxygen to the brain. The most common cause of an ischemic stroke is high blood pressure.¹



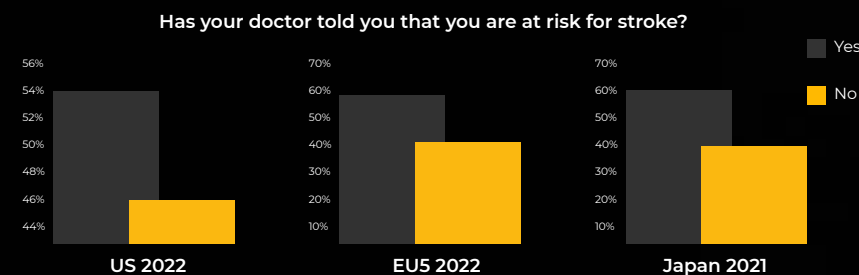
How do strokes affect patients mentally?

Stroke patients are more likely to report experiencing depression than the general population. In the US, stroke patients are also more likely to report experiencing anxiety.³



Could education help identify the risk of strokes?

Despite high rates of stroke recurrence², many stroke patients have not been told they are at risk for stroke.³



References

1. Epi DB: Epi Database®. Cerner Enviza. Available from www.epidb.com. Accessed 16 Nov 2022.
2. Treat and Recover from Stroke | cdc.gov
3. National Health and Wellness Survey, 2020-2022 (US, EU, and Japan). Princeton, NJ.

About Cerner EnvizaSM

Cerner Enviza aims to accelerate the discovery, development, and delivery of extraordinary insights and therapies to improve everyday health for all people globally. By combining decades of innovation, life sciences knowledge and collaborative research, Cerner Enviza provides data-driven solutions and expertise that helps bring remarkable clarity to healthcare's most important decisions. For more information on Cerner Enviza, visit www.cernerenviza.com.

For more information, please contact info@cernerenviza.com

Copyright © 2022 Oracle and/or its affiliates. All rights reserved.

2890269014 Cerner Enviza infographic: Stroke epidemiology and its effect on patients V1 March 2023