



- HOME
- ABOUT
- RISK FACTORS
  - High Blood Pressure
  - Diabetes
  - Atrial Fibrillation
  - High Cholesterol
  - Physical Inactivity
  - Poor Diet
  - Alcohol
  - Obesity
  - Smoking
  - Stress and Depression
- RESOURCES
  - Videos
  - Blog
  - Podcast
  - Useful links
  - Additional Reading
  - Media Releases

- News
-  English
  -  English
  -  Português
  -  Русский
  -  Español
  -  Français
  -  Polski

▪ CONTACT

DONATE

# 5 Signs of Post-stroke Depression (PSD)



Depression is linked with an increased risk of stroke, but it is also very common for people to develop emotional disorders after stroke. According to some studies,

1 in 3 stroke survivors develop depression at any one time after stroke which can affect recovery and quality of life. (1)

Post-stroke depression (PSD) is more common after a major stroke than a minor one; and is seen more in women than in men. But it can be difficult to diagnose, because of other cognitive impairments, including speech problems; memory problems; and difficulty recognising objects and people. (2)

Everyone will suffer some degree of emotional problems after stroke. But it's time to seek help if several of these symptoms appear together, or are frequent and prolonged:

### **1. Persistent sad, anxious or empty feelings**

It's normal to feel sad or worried after a stroke. People are often naturally concerned about financial pressures or the reaction of family and friends. However, if these feelings of anxiety become overwhelming, it's time to seek help.

### **2. Sleep disturbances and fatigue**

At least 50% of stroke survivors have sleep-disordered breathing (SDB), which means their sleep is interrupted several times a night. Getting a good night's sleep is an important part of how well people recover after stroke (3).

### **3. Changes in eating habits**

Problems with swallowing are very common after stroke, and so it's only natural that a stroke survivor's eating patterns may change. But if there is a noticeable difference in weight loss or gain, or levels of appetite, this can be a symptom of depression.

### **4. Loss of interest in activities or hobbies**

Strokes often lead to paralysis, which can not only make day-to-day activities

difficult, such as eating and washing, but also stop a stroke survivor taking part in things they previously enjoyed. It's the lack of interest in these activities, rather than the ability to do them, that is a warning sign for depression (4).

## 5. Irritability

People naturally feel angry and frustrated after a stroke, when things they previously found easy, such as tying shoelaces, become incredibly difficult. But irritability can also be a sign of depression and can hinder health and recovery if it lasts for a long time. (1)

Depression is classed as one of the top ten modifiable risk factors for stroke (4). While recurrent strokes are more commonly associated with high blood pressure, heart disease and an irregular heartbeat, the psychological disorders mentioned above, such as sleep problems and anxiety, also need to be addressed, as they can prevent people from taking medications or following medical advice that is also designed to reduce their risk of further stroke (5).

## References

1. Amytis Towfighi, Bruce Ovbiagele, Nada El Husseini et al. *Poststroke Depression: A scientific Statement for Healthcare Professionals from the American Heart Association/American Stroke Association*. 8 Dec 2016.
2. David Stevens, Rodrigo Tomazini Martins, Sytapa Mukherjee, Andrew Vakulin. *Post-Stroke Sleep-Disordered Breathing - Pathophysiology and Therapy Options*. Mini Review Article. *Front. Surg.*, 26 February 2018. <https://doi.org/10.3389/fsurg.2018.00009>.
3. Debra Fulghum Bruce, PhD. Medically reviewed by Jennifer Casarella, MD. *Symptoms of Depression*. <https://www.webmd.com/depression/guide/detecting-depression>. 17 September 2021.
4. Amelia K. Boehme, PhD, Charles Esenwa, MD, Mitchell S.V. Elkind, MD, MS. *Stroke Risk Factors, Genetics and prevention*. *Circ Res*. 2017 Feb 3: 120 (3): 472-495. Doi: 10.1161/CIRCRESAHA.116.308398.
5. Wu, Quan-e PhD, Zhou, Ai-min PhD; Han, Yun-peng MM; Liu, Yan-ming

MM; Yang, Yang PhD; Wang, Xiao-meng MM; Shi, Xin MM. Poststroke depression and risk of recurrent stroke. A meta-analysis of prospective studies. *Medicine*: October 2019 - Volume 98 - Issue 4.

Updated February 2022

Next

review

2024



**Developed by**



**SAFE retains full editorial control over the content of this website.**

**Supported by an educational grant from**



**Links**

- [Terms Of Use](#)
- [Privacy Policy](#)
- [Cookie Policy](#)
- [Contact](#)
  
- [Facebook](#)

- X
- RSS