

Axonal damage refers to the injury or destruction of the axons, which are the long, slender extensions of nerve cells that transmit electrical impulses to other nerve cells or to muscles and glands. Axonal damage can result from various causes, including trauma, disease, toxins, and inflammation.

When axonal damage occurs, it can lead to a disruption in the communication between nerve cells and the muscles or glands they control, causing a variety of symptoms depending on the location and extent of the damage. Some common symptoms of axonal damage include weakness, numbness, tingling, and loss of sensation or motor control.

Treatment of axonal damage depends on the underlying cause and the severity of the injury. In some cases, the axons may be able to regenerate and repair themselves over time, while in other cases, more intensive therapies such as physical therapy or surgery may be necessary to help restore function.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=axonal_damage

Last update: **2024/06/07 02:53**

