

Spinal Muscular Atrophy (SMA) is a progressive neurodegenerative disease where the survival motor neuron (SMN) protein is not produced at high enough levels. Without this protein, the motor neuron cells shrink and eventually die. Once these neurons are lost, they cannot be regenerated.

This impacts the muscles used for activities such as breathing, eating, and walking. However, SMA does not affect a person's ability to think, learn, and build relationships with others!

One way of treating SMA is to increase the amount of survival motor neuron protein in the body. There are currently only three drugs on the market for treating SMA, but there is no known cure.

