

Nystagmus, vertigo, nausea, vomiting, and hearing loss may all occur from injury to the vestibulocochlear nuclei. The labyrinthine artery is a branch of AICA, and helps supply blood to the inner ear. If the stroke is serious enough, it can affect perfusion of the inner ear structures.

Horner Syndrome

[Horny Pam](#)

Ipsilateral Horner syndrome can be a manifestation of anterior inferior cerebellar artery stroke due to the involvement of descending sympathetic fibers. This syndrome is characterized by ipsilateral miosis, anhidrosis, and ptosis.

Ataxia

[A-taxi](#)

If cerebellar peduncles (inferior, middle) are injured from the stroke, patients may display ataxia, or difficulty with gait.

Contralateral Clinical Findings

Decreased Body Pain and Temperature Sensation

[Down-arrow Body-brace Pain-bolts and Thermometer](#)

Involvement of the lateral spinothalamic tract will cause contralateral loss of pain and temperature sensations from the body (since the spinothalamic tract fibers decussate at the level of the spinal cord entry zone).
