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# Proximal spinal muscular atrophy

INSERM

## Source

INSERM. (1999). *Orphanet: an online rare disease and orphan drug data base*. *Proximal spinal muscular atrophy*. ORPHA:70

Proximal spinal muscular atrophies are a group of neuromuscular disorders characterized by progressive muscle weakness resulting from the degeneration and loss of the lower motor neurons in the spinal cord and the brain stem nuclei.