

Supplementary Table e-1. Classification of the ASIA Impairment Scale (AIS)

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AIS Grade	Injury Description	Explanation
A	Complete	No sensory or motor function is preserved in the sacral segments (S4-5).
B	Sensory incomplete	Sensory but not motor function is preserved below the neurological level and includes the sacral segments S4-5 AND no motor function is preserved more than three levels below the motor level on either side of the body.
C	Motor incomplete	Motor function is preserved below the neurological level and more than half of key muscle functions below the neurological level have a muscle grade <3.
D	Motor incomplete	Motor function is preserved below the neurological level and at least half of key muscle functions below the neurological level have a muscle grade >3.
E	Normal	If sensation and motor function as tested with the ISNCSCI are graded as normal in all segments, and the patient had prior deficits, then the AIS grade is E. Someone without an initial SCI does not receive an AIS grade.

*For more detailed information¹

1. Kirshblum SC, Burns SP, Biering-Sorensen F, et al. International standards for neurological classification of spinal cord injury (Revised 2011). J Spinal Cord Med. 2011;34:535–546.