

ASIA Impairment Scale

ASIA IMPAIRMENT SCALE

Patient Name: _____ Date/Time of Exam: _____ dd / mm / yyyy

Examiner Name: _____

Signature:

Muscle Function Grading
0 = Total paralysis
1 = Palpable or visible contraction
2 = Active movement, full range of motion (ROM) with gravity eliminated
3 = Active movement, full ROM against gravity
4 = Active movement, full ROM against gravity and moderate resistance in a muscle specific position
5 = (Normal) active movement, full ROM against gravity and full resistance in a functional muscle position expected from an otherwise unimpaired person
NT = Not testable (i.e. due to immobilization, severe pain such that the patient cannot be graded, amputation of limb, or contracture of > 50% of the normal ROM)
0*, 1*, 2*, 3*, 4*, NT* = Non-SCI condition present

Sensory Grading
0 = Absent
1 = Altered, either decreased/impaired sensation or hypersensitivity
2 = Normal
INT = Not testable
0*, 1*, NT* = Non-SCI condition present

ASIA Impairment Scale Classifications:
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 (light touch or pin prick at S4-5 or deep anal pressure) 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 at the most caudal sacral segments for voluntary anal contraction (VAC) OR the patient meets the criteria for sensory incomplete status, and has some sparing of motor function more than three levels below the ipsilateral motor level on either side of the body. For AIS C less than half of key muscle functions below the single NLI have a muscle grade ≥ 3 .
D = Motor Incomplete. Motor incomplete status as defined above, with at least half (half or more) of key muscle functions below the single NLI having 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.

ASIA Impairment Scale Grade

- A - Complete
 B - Sensory Incomplete
 C - Motor Incomplete
 D - Motor Incomplete
 E - Normal

Neurological Level of Injury (NLI): _____

Zone of Partial Preservation (ZPP): _____

Comments