


TABLE 117-3 AMERICAN SPINAL INJURY ASSOCIATION IMPAIRMENT SCALE

GRADE	INJURY TYPE	DEFINITION
A	Complete	No motor or sensory function below the lesion
B	Incomplete	Sensory but no motor function
C	Incomplete	Some motor strength (<3)
D	Incomplete	Motor strength >3
E	None	Sensory & motor normal

neither reverses neuronal death nor fully prevents secondary injury processes. There are ongoing significant medical research efforts to improve our understanding of the pathogenesis of these diseases and find ways to mitigate them. As new pharmacologic, medical, and surgical approaches are introduced, there will be increasing opportunities to restore these patients.

 For a deeper discussion on this topic, please see Chapter 399, "Traumatic Brain Injury and Spinal Cord Injury," in Goldman-Cecil Medicine, 25th Edition.

SUGGESTED READING

- Centers for Disease Control (CDC): State laws governing return to play following traumatic brain injury. Available at www.cdc.gov/concussion/policies.html.
- Consensus Statement on TBI. American Academy of Neurology, Neurology 48:581–585, 1997.
- Cushman JG, Agarwal N, Fabian TC, et al: EAST practice management guidelines work group: practice management guidelines for the management of mild traumatic brain injury: the EAST practice management guidelines work group, J Trauma 51:1016–1026, 2001.
- Giza CC, Kutcher JS, Ashwal S, et al: Summary of evidence-based guideline update: Evaluation and management of concussion in sports: Report of the Guideline Development Subcommittee of the American Academy of Neurology, Neurology 80:2250–2257, 2013.
- The Brain Trauma Foundation, The Amer Assn Neurol Surg and The Congress of Neurosurgery: Guidelines for the management of severe traumatic brain injury, J Neurotrauma 24:S1–106, 2007.
- VA/DoD clinical practice guidelines for the management of concussion/mild TBI, J Rehabil Res Dev 46:CP1–68, 2009.
- Walters BC, Hadley MN, Hurlbert RJ, et al: Guidelines for the management of acute cervical spine and spinal cord injuries: 2013 update, Neurosurgery 60(Suppl 1):82–91, 2013.