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Moderate Brain Injury

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- [Loss of Consciousness](#)
- [Traumatic Brain Injury](#)

Synonyms

[Moderate traumatic brain injury](#)

Definition

Moderate brain injury is characterized by a score of 9–12 on the Glasgow Coma scale (GCS) (severe TBI is 3–8). Moderate brain injuries typically result in a number of cognitive, physical, and emotional/neurobehavioral challenges, many of which may be permanent and can vary over the course of several years.

Cross-References

- [Coma](#)
- [Epidemiology](#)
- [Head Injury](#)

References and Readings

- Centers for Disease Control and Prevention. (2007). What is traumatic brain injury? <http://www.cdc.gov/ncipc/tbi/TBI.htm>. Retrieved 26 Dec 2007.
- Ficker-Terrill, C., Flippo, K., Antoinette, T., & McMorro, D. B. (2007). Overview of brain injury. In *The essential brain injury guide* (4th ed., pp. 1–24). McLean: Brain Injury Association of America.
- Gennarelli, T. A., & Graham, D. I. (2005). Neuropathology. In J. M. Silver, T. W. McAllister, & S. C. Yudofsky (Eds.), *Textbook of traumatic brain injury* (pp. 27–50). Arlington: American Psychiatric Publishing, Inc.
- Kraus, J. F., & McArthur, D. L. (1996). Epidemiologic aspects of brain injury. *Neurologic Clinics*, 14, 435–448.
- Malec, J. F., Brown, A. W., Leibson, C. L., Fladda, J. T., Mandrekar, J. N., Diehl, N. N., et al. (2007). The Mayo classification system for traumatic brain injury. *Journal of Neurotrauma*, 24, 1417–1424.
- Thurman, D. J., & Guerrero, J. (1999). Trends in hospitalization associated with traumatic brain injury. *Journal of the American Medical Association*, 282, 954–957.