

Pathology of the Nervous System with Considerations for the Physical Therapist: Stroke

Course Description:

Stroke is typically a sudden, devastating vascular event that results in destruction of surrounding brain tissue. It is the most common and deadly neurologic condition, and the leading cause of disability in adults. This course provides the Physical Therapist and Physical Therapist Assistant with guidelines for identification of stroke and associated risk factors. It provides education in identification of the various types of stroke and associated symptoms and syndromes. It describes current stroke rehabilitation with preferred practice patterns and references clinical practice guidelines for post stroke rehabilitation.

This course is offered with licensing approval and permission from Elsevier as reproduced from: Goodman, Fuller, Boissonault, Pathology: Implications for the Physical Therapist, second edition, Philadelphia, Saunders, 2003. Course content is 33 pages.

Course Objectives:

Course Participants will be able to:

- A. Define Stroke, TIA and cerebrovascular disease
- B. Identify risk factors for stroke
- C. Identify warning signs of stroke
- D. Define and describe pathogenesis of ischemic stroke
 - a. Differentiate between syndromes associated with ischemic stroke
 - b. Describe diagnostic procedures
 - c. Describe acute treatment approaches
 - d. Describe options for control of symptoms
 - e. Describe prophylactic approaches
- E. Define and describe pathogenesis of Intracerebral Hemorrhage
 - a. Differentiate syndromes associated with Intracerebral Hemorrhage
 - b. Describe diagnosis procedures for Intracerebral Hemorrhage
 - c. Identify treatment options for Intracerebral Hemorrhage
- F. Define and Describe pathogenesis for Subarachnoid Hemorrhage
 - a. Identify risk factors associated with Subarachnoid Hemorrhage
 - b. Describe medical management and prognosis associated with Subarachnoid hemorrhage
- G. Define and describe pathogenesis for Subdural Hemorrhage
- H. Identify Stroke Rehabilitation Preferred Practice Patterns
- I. Describe examination considerations for stroke
- J. Describe interventions for post stroke rehabilitation

CEU Approvals:

For information on specific state approval of this course, refer to PT On-Line Courses "About State Approvals" page.