



Course Title: Acute Care 103 – Nervous System

Course Description:

Source: Acute Care Handbook for Physical Therapists 4th by Paz and West

Source Description: Familiarize yourself with the acute care environment with this essential guide to physical therapy practice in an acute care setting. Acute Care Handbook for Physical Therapists, 4th Edition helps you understand and interpret hospital protocol, safety, medical-surgical ‘lingo’, and the many aspects of patient care from the emergency department to the intensive care unit to the general ward. This restructured new edition streamlines the text into four parts— Introduction, Systems, Diagnoses, and Interventions to make the book even easier to use as a quick reference. Intervention algorithms, updated illustrations, and language consistent with the ICF model all help you digest new information and become familiar with new terminology. This comprehensive resource is just what you need to better manage the specific needs of your patients in the complex acute care environment. See an outline of course content for additional information.

Target Audience: OT / OTA and other healthcare professionals

Course Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 3 contact hour / .3 ceu

Course Prerequisites: None

Course Author / Instructor: Rene Padilla, MS, OTR/L, Sue Byers-Connon, BA, COTA/L, ROH and Helene Lohman, MA, OTD, OTR/L / Brown, MS, OTR/L, CHT

Learning Objectives:

- Describe the structure and function of the central, peripheral and autonomic nervous system
- List 5 components included in a neurological exam
- Define and differentiate 3 various diagnostic procedures including, but not limited to CT scan, MRI, ECG, PET scan, evoked potentials
- Give an overview of neurologic evaluation, including the physical examination and diagnostic tests
- Become familiar with and describe symptoms of 10 common neurologic health conditions
- Discuss and outline conservative and surgical management of these conditions along with and PT interventions and expected outcomes

Agenda:

Hour #1

Body Structure and Function of the Nervous System Central Nervous System

Peripheral Nervous System Autonomic Nervous System Neurologic Examination Patient History

Observation
Mental Status Examination Vital Signs
Cranial Nerves Vision
Motor Function Diagnostic Procedures X-ray
Computed Tomography and Angiography

Hour #2

Magnetic Resonance Imaging and Angiography Doppler Flowmetry
Digital-Subtraction Angiography Cerebral Angiography
Lumbar Puncture
Positron Emission Tomography Electroencephalography Evoked Potentials Electromyography
and Nerve Conduction Velocity Studies Myelography
Transesophageal Echocardiography Health Conditions Traumatic Brain Injury Spinal
Cord Injury
Cerebrovascular Disease and Disorders

Hour #3

Dementia
Ventricular Dysfunction Seizure
Syncope
Neuroinfectious Diseases
Vestibular Dysfunction
Common Degenerative Central Nervous System Diseases
General Management Intracranial and Cerebral Perfusion Pressure
Pharmacologic Therapy
Neurosurgical Procedures
Physical Therapy Intervention

Course Completion Requirements:

A passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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