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AOTA Approved Provider #4023

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**Course Title:** Neurology UE 115

**Sub-Title:** Movement Dysfunction Associated with Hemiplegia

**Target Audience:** OT/OTA

**Course Length:** 4 hours

**Course Author/Instructor:** Martin, PT, MACT, Kessler, PT, MHS /Brown, MS, OTR/L, CHT

**Educational Level:** Introductory, Intermediate, Advanced

The course is written at the intermediate level, but learners of all levels will benefit from the information.

**Course Objectives:**

At the conclusion of the course, participants will be able to:

- Identify the various types of neurovascular disease.
- Identify the atypical patterns of movement in clients with residual hemiplegia.
- Identify significant primary and secondary body system impairments that interfere with functional movement patterns and limit ability to participate.
- Describe a reeducation intervention strategy for improving functional movement in clients who have had a stroke.

**Outline of Content:**

**Hour #1**

Overview

Definition

Epidemiology

Outcomes

Pathoneurological and Pathophysiological Aspects Classification

Clinical Findings

Medical Management and Pharmacological Considerations

Sequential Stages of Recovery from Acute to Adaptive Phase

**Hour #2**

Evaluation Procedures

Standard Evaluations

Evaluation of Movement Control

Evaluation of Secondary Impairments

Descriptive Analysis of Functional Activities  
Motor Evaluation Forms  
Analyzing Evaluation Material  
Goal Setting  
Choosing Interventions

### **Hour #3**

#### **COMMON IMPAIRMENTS AND INTERVENTION SUGGESTION**

Muscle Activity  
Spasticity  
Pain  
Edema  
Functional Activities  
Transfers

### **Hour #4**

Standing  
Walking  
Equipment  
Orthotics  
**PSYCHOSOCIAL ASPECTS AND ADJUSTMENTS**  
Summary

#### **Instructional Methods and Formats:**

Online course available 24/7 at [www.OnlineCE.com](http://www.OnlineCE.com) includes PDF downloadable course. See course formats for additional details.

#### **Course Completion Requirements:**

A minimum 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, you will receive your certificate of completion and AOTA eligible CEUs.

#### **AOTA Classification Codes:**

- Category 1: Domain of OT
- Category 2: Occupational Therapy Process
- Category 3: Professional Issues

#### **Additional Policies:**

OnlineCE Policies are available by clicking on the tab – Policies – located in the left hand navigation bar.

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