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AOTA Approved Provider #4023

Course Title: Neurology UE 103

Sub-Title: Motor Development

Course Description: Neurology UE 103, Motor Development, is a 3-hour course designed for the beginning to intermediate clinician interested in learning more about motor development across the life span. Motor development includes all motor changes that occur as part of the continuous process of aging throughout the life span. Normal developmental changes that occur in infancy and childhood are considered positive with the acquisition of new skills with peak performance reached in adolescence and adulthood. With the aging process comes the decline in performance with loss of speed and accuracy of movement. This course will review motor development using a life span approach and focus on various developmental periods. The influence of cognition and motivation will be explored along with developmental concepts including Piaget's stages of cognitive development, Erikson's eight stages of development, and Maslow's hierarchy of needs according to social and psychological development. Typical motor development of the infant through and beyond childhood will be reviewed. Changes in gait, posture and balance have implications for the aging adult. Clinicians must be aware of these developments when designing treatment plans and interventions and understand how these changes will affect treatment. At the end of this course, the learner will have a more comprehensive understanding of motor development as it occurs and how it is affected across the life span.

Target Audience: OT/OTA

Course Length: 3 hours

Course Author/Instructor: Martin, PT, MACT and 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:

- Define the life span concept of development
- Understand the relationship of cognition and motivation to motor development
- Identify important motor accomplishments of the first 3 years of life

- Describe the acquisition and refinement of fundamental movement patterns during childhood
- Explain age-related changes in functional movement patterns across the life span
- Differentiate how age-related systems changes affect posture, balance, and gait in older adults

Outline of Content:

Hour #1

Introduction
 Developmental Time Periods
 Influence of Cognition and Motivation

Hour #2

Developmental Concepts
 Developmental Processes Gross
 Gross and Fine Motor Milestones

Hour #3

Typical Motor Development
 Posture, Balance, and Gait Changes with Aging
 Summary

Instructional Methods and Formats:

Online course available 24/7 at 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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