



Online Continuing Education Courses
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AOTA Approved Provider #4023

Course Title: Neurology UE 116

Sub-Title: Aging, Dementia and Disorders of Cognition

Course Description: Neurology UE 116, Aging, Dementia and Disorders of Cognition, is a 4-hour course designed for the clinician working with patients effected by Degenerative Diseases of the Central Nervous System. This comprehensive course provides a link between the pathophysiology of neurologic deficits and rehabilitation interventions for improving movement outcomes. A variety of conditions will be reviewed including Amyotrophic lateral sclerosis, Alzheimer's disease, Huntington's disease, Multiple sclerosis and Parkinson's disease. The role of therapist will be emphasized along with common treatment techniques used in practice.

Target Audience: OT/OTA

Course Length: 3 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:

- Define the basic terminology and discuss the prevalence of cognitive disturbances seen in older persons.
- Describe normative changes in brain function with normal aging and their relevance to the diagnoses of delirium and dementias.
- Discuss how symptoms are altered with normal aging for an individual.
- Describe normal sensory changes with aging and how they alter a person's overall ability to adapt to stress.
- Describe how, and for what type of patient, to use the Mini-Mental State Examination as a part of the physical or occupational therapy examination.
- Describe common sensory changes with dementia and implications for adapting PT or OT evaluation and intervention.

- Discuss common changes in learning styles with aging and implications for adapting PT or OT intervention to enhance patients' ability to perform at their highest functional level.
- Describe how environmental design and ergonomics can enhance patient performance in activities of daily living and instrumental activities of daily living.
- Describe a strategy to evaluate a patient's emotional capacity to participate in a learning task and its clinical relevance to both OT and PT outcomes.
- Describe criteria for delirium and reversible dementia and sample strategies for modifying evaluation and treatment procedures.
- Discuss symptoms and disease progression in irreversible dementia.
- Discuss the therapist's role on the treatment team in educating key caregivers and support personnel and sample training strategies.
- Discuss treatment skills that are helpful in working with persons who have irreversible dementia.
- Describe research activities and new findings that affect physical evaluation and treatment of the patient with dementia or delirium.

Outline of Content:

Hour #1

THE STARTING POINT WITH OLDER PERSONS IN PT OR OT
PARADIGM FOR AGING, THE BRAIN, AND LEARNING
FRAMEWORK FOR CLINICAL PROBLEM SOLVING
PHYSIOLOGY OF AGING: RELEVANCE FOR SYMPTOMATOLOGY AND
DIAGNOSIS OF DELIRIUM AND DEMENTIAS

Hour #2

STRATEGIES FOR ASSESSING, PREVENTING, AND MINIMIZING
DISTORTIONS IN INFORMATION PROCESSING
ENVIRONMENTAL CONSIDERATIONS
EMOTIONAL CAPACITY TO PARTICIPATE IN A LEARNING TASK

Hour #3

DELIRIUM AND REVERSIBLE DEMENTIA: EVALUATION AND TREATMENT
IRREVERSIBLE DEMENTIA
STRATEGIES FOR TREATMENT AND CARE
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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