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AOTA Approved Provider #4023

Course Title: Neurology UE 111

Sub-Title: Other Neurologic Disorders

Course Description: Neurology UE 111, Other Neurologic Disorders, is a 3-hour course designed for the intermediate clinician working with patients effected by other neurological disorders such as Parkinson's disease, Multiple sclerosis, Guillain-Barre and Post-polio syndrome. Each of these conditions have several things in common and adversely affect the individual's functional performance and ability to carry out daily activities including work and leisure. For each diagnosis listed above, incidence, etiology, clinical manifestations, medical and surgical management, and treatment interventions will be discussed. Compensatory strategies for patients and families will also be covered in order to promote and maximize functional independence. Case studies are used to highlight clinical application and pictures are used to illustrate stretching, exercise and treatment techniques. At the end of this course, the learner will have a more comprehensive understanding of each of the neurological conditions listed above.

Target Audience: OT/OTA

Course Length: 3 hours

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

- Describe the incidence, etiology, and clinical manifestations of Parkinson disease, multiple sclerosis, Guillain-Barré syndrome, and postpolio syndrome
- Understand the typical medical and surgical management of persons with Parkinson disease, multiple sclerosis, Guillain-Barré syndrome, and postpolio syndrome
- Identify specific treatment interventions relative to the stage/degree of progression and level of impairment or functional limitations of persons with Parkinson disease, multiple sclerosis, Guillain-Barré syndrome, and postpolio syndrome
- Discuss strategies for patient and family education to address functional limitations of individuals with Parkinson disease, multiple sclerosis, Guillain-Barré syndrome, and postpolio syndrome

Outline of Content:

Hour #1

Introduction

Parkinson Disease

 Clinical Features

 Pathophysiology

 Fatigue

 Gait

 Falls

 Systemic Manifestations

 Medical Management

 Diagnosis

 Surgical Management

 Physical Therapy Management

 Gait Interventions

 Posture Interventions

 Exercise Strategy and Results

Hour #2

Multiple Sclerosis

 Clinical Features

 Pathophysiology

 Fatigue

 Cognitive Impairment

 Diagnosis

 Medical Management

 Physical Therapy Management

 Weakness

 Spasticity

 Ataxia

 Additional Concerns

 Exercise Strategies

Gullain-Barre Syndrome

 Clinical Features

 Etiology

 Pathophysiology

 Medical Management

 Therapy Management Stages

Hour #3

Postpolio Syndrome

 Etiology

 Clinical Features

 Medical Management

Physical Therapy Management

Case Study #1

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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