Course Title: Stroke Rehab 138

Course Subtitle: Neurologic Impairments and Their Treatments

Source: Stroke Recovery and Rehabilitation, 2nd ed.

Source Description: The definitive core text in its field, Stroke Recovery and Rehabilitation is a comprehensive reference covering all aspects of stroke rehabilitation from neurophysiology of stroke through the latest treatments and interventions for functional recovery and restoration of mobility. This second edition is completely updated to reflect recent advances in scientific understanding of neural recovery and growing evidence for new clinical therapies.

The second edition provides in-depth information on the assessment and management of all acute and long-term stroke-related impairments and complications including cognitive dysfunctions, musculoskeletal pain, and psychological issues.

It examines risk factors, epidemiology, prevention, and neurophysiology as well as complementary and alternative therapies, functional assessments, care systems, ethical issues, and community and psychosocial reintegration.

With contributions from over 100 acknowledged leaders from every branch of the stroke recovery field, this edition features expanded coverage of key issues such as the role of robotics and virtual reality in rehabilitation. New chapters have been incorporated to cover fields of recent exploration including transcranial magnetic stimulation, biomarkers, and genetics of recovery as well as essentials like the use of medication and the survivor’s perspective. The up-to-date presentation of scientific underpinnings and multi-specialty clinical perspectives from physical medicine and rehabilitation, neurology, physical therapy, occupational therapy, speech and language pathology, and nursing ensures that Stroke Recovery and Rehabilitation will continue to serve as an invaluable reference for every health care professional working to restore function and help stroke survivors achieve their maximum potential.

See course outline below for details and inclusive content in Stroke Rehab 138 course.

Target Audience: OT/OTA, PT/PTA and other healthcare professionals

Course Length: 6 hours

Course Author/Instructor: Joel Stein, MD / Brown, MS, OTR/L

Educational Level: Introductory, Intermediate, Advanced
Course Objectives:
At the end of the course, participants will be able to:

- Outline and describe 3 characteristics of each cortical aphasia
- Describe 5 different approaches to aphasia rehabilitation
- Describe characteristics and treatment for apraxia of speech and dysarthria
- Describe the 4 stages of swallowing and critical components of each stage
- Cite 3 key components in the evaluation and assessment of dysphagia
- Review and describe 5 syndromes that result from right hemisphere effected stroke
- Describe 3 emotional communication disorders that result from right hemisphere stroke
- Summarize and describe the scope and spectrum of poststroke cognitive dysfuntion
- Analyze and describe 3 ways to manage poststroke cognitive dysfunction
- Outline and differentiate the clinical characteristics of central poststroke pain

Outline of Content:

Hour #1
Aphasia, Apraxia of Speech and Dysarthria
APHASIA
Language components
Aphasia syndromes
Syndrome classification
Recovery and prognosis
Factors affecting prognosis
Approaches to aphasia rehabilitation
Efficacy of aphasia treatment
Treatment outcomes
APRAXIA OF SPEECH
CHARACTERISTICS OF AOA
Assessment of AOS
Treatment of AOS
Efficacy of treatment for AOS

Hour #2
DYSARTHRIA
Classifying the Dysarthrias
UUMN Dysarthria
Spastic dysarthria
Flaccid dysarthria
Ataxic dysarthria
Mixed dysarthria
Assessment of dysarthria
Treatment and efficacy
Hour #3
Dysphagia
EPIDEMIOLOGY
SWALLOWING PHYSIOLOGY
Swallowing stages
NEURAL CONTROL OF SWALLOWING
SWALLOWING IN ELDERLY
Evaluation
Screening
Instrumental assessment tools
Treatment
Surgical and pharmacological management

Right Hemispheric Neurobehavioral Syndromes
RIGHT HEMISPHERIC NEUROBEHAVIORAL SYNDROMES
NEGLECT AND RELATED DISORDERS

Hour #4
EMOTIONAL COMMUNICATION DISORDERS
VISUOSPATIAL FUNCTIONS
CONCLUSIONS

Memory, Executive Function and Dementia
POSTSTROKE COGNITIVE DYSFUNCTION: SCOPE OF PROBLEM
THE SPECTRUM OF POSTSTROKE COGNITIVE DYSFUNCTION
MANAGEMENT OF POSTSTROKE COGNITIVE DYSFUNCTION

Central Poststroke Pain
HISTORICAL PERSPECTIVES
DEFINITION
CLINICAL CHARACTERISTICS

Hour #5
DIFFERENTIAL DIAGNOSIS
ANATOMY AND PATHOPHYSIOLOGY
TREATMENT

Visual, Ocular Motor and Vestibular Deficits
VISUAL SYSTEM
KEY AREAS OF VISUAL IMPACT
VISUOSPATIAL PERCEPTION DEFICITS
VISUAL ACUITY
EYE MOVEMENTS DISORDERS

Hour #6
REHABILITATION STRATEGIES
VESTIBULAR REHABILITATION AFTER STROKE
BASIC PATHOPHYSIOLOGIC MECHANISMS
ASSESSMENT OF VESTIBULAR FUNCTION
VESTIBULAR REHABILITATION THERAPY
BENIGN POSTIONAL VERTIGO

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 the 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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