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AOTA Approved Provider #4023

**Course Title:** Stroke Rehab 141

**Course Subtitle:** Other Rehabilitation Therapeutics

**Source:** Stroke Recovery and Rehabilitation, 2<sup>nd</sup> 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 141 course.

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

**Course Length:** 3 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:

- Describe how orthotics can be used in the management of upper limb restoration after stroke
- List 3 ways that orthotics can be used in the management of lower limb restoration after stroke
- Summarize 10 indications for the use of AFO's
- Describe the role of functional electrical stimulation after stroke
- Describe and analyze the role of alternative, complementary and integrative medicine and therapy after stroke
- Examine movement therapies, manipulative and body-based practices after stroke
- Describe the role of seating, assistive technology and equipment management for individuals who have suffered a stroke
- Outline and describe the use of electronic aids for daily living and examine 3 ways that augmentative communication can be used after stroke

## **Outline of Content:**

### **Hour #1**

#### **Orthotic Management in Stroke**

ORTHOTIC MANAGEMENT OF THE UPPER LIMB

ORTHOTIC MANAGEMENT OF THE LOWER LIMB

FUNCTIONAL ELECTRICAL STIMULATION

RESEARCH FRONTIERS IN THE ORTHOTIC MANAGEMENT OF STROKE

### **Hour #2**

#### **Alternative, Complementary and Integrative Medicine and Therapy**

NATURAL PRODUCTS

MIND AND BODY MEDICINE

MANIPULATIVE AND BODY-BASED PRACTICES

MOVEMENT AND ENERGY THERAPIES

CONCLUSION

### **Hour #3**

#### **Seating, Assistive Technology and Equipment**

AT SERVICE DELIVERY MODEL

SEATING/MOBILITY

ELECTRONIC AIDS FOR DAILY LIVING

AUGMENTATIVE AND ALTERNATIVE COMMUNICATION

ADAPTIVE DRIVING

WHEELCHAIR TRANSPORTATION SAFETY

RESEARCH FRONTIERS-FUTURE TECHNOLOGIES

**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 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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