THIS BUNDLE CONTAINS THE FOLLOWING:

INITIAL ASSESSMENT OF VISUAL IMPAIRMENTS FOR PATIENTS WITH NEUROLOGICAL DEFICITS

Instructor:  Kelsey Watters, OT/R, Occupational Therapist and Program Specialist, Brain Injury Medicine and Rehabilitation Unit, Shirley Ryan AbilityLab

Description:  Visual impairments often impact a person’s ability to perform daily activities after a brain injury or stroke, from simple tasks to complex skills. This course will introduce the most common visual impairments observed in patients who have had a brain injury or stroke. It will review components of a visual screening tool and clinical observations typically seen with each impairment using video case examples. Participants will also learn simple strategies to guide therapeutic interventions and guide further follow up with other disciplines.

Objectives:
- Identify common visual impairments associated with brain injury or stroke
- Describe components of visual screening and possible observations
- Understand the functional impact visual deficits can have on individuals and their participation in day to day activities
- Apply simple strategies to therapeutic intervention to address visual impairments

CEUs:

Occupational Therapy
The Shirley Ryan AbilityLab is an approved provider for the American Occupational Therapy Association to offer continuing education in occupational therapy. This introductory level program awards occupational therapists 0.15 CEUs or 1.5 contact hours. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

Category 2: OT Process

Physical Therapy
This course has been approved by the Illinois Physical Therapy Board for 1.5 Contact Hours. Approval #216-000069.

Speech-Language Pathology

This course is offered for 0.15 CEUs (Intermediate level, Professional area)
PREP2 FOR PREDICTING UPPER LIMB FUNCTIONAL OUTCOME AFTER STROKE: WHY AND HOW

Instructor: Catherine Stinear, PhD, Associate Professor, Department of Medicine, University of Auckland, New Zealand

Description: Recovery of upper limb function after stroke is important for regaining independence. Being able to accurately predict each patient’s potential for recovering upper limb function would help to set realistic rehabilitation goals, and effectively manage time and resources. However, making accurate predictions can be difficult when based on clinical judgement alone, particularly for patients with moderate to severe initial impairment.

The PREP2 algorithm combines simple clinical and neurophysiological assessments to make accurate predictions of upper limb recovery for individual patients. It has been developed and validated, and is now being used in routine clinical care. PREP2 helps therapists to tailor rehabilitation for individual patients, and improves rehabilitation efficiency, with no detectable negative effects on patient satisfaction or outcomes.

This webinar will provide an overview of the evidence supporting the PREP2 algorithm and describe how to apply it in clinical practice.

Objectives:

- Identify key factors that influence motor recovery and outcomes after stroke
- Describe the difficulties faced by clinicians when predicting recovery of motor function with the initial days after stroke
- Describe and discuss the potential benefits of accurate prognoses for patients, their families, and the clinical team
- Identify the steps of the PREP2 algorithm
- Described the evidence in support of the PREP2 algorithm
- Examine and interpret the SAFE score, which is the first step of the PREP2 algorithm
- Describe the principles and use of transcranial magnetic stimulation (TMS) for testing the functional integrity of the corticospinal tract after stroke
- Select tailored rehabilitation goals for individual patients based on PREP2 algorithm predictions
- Discuss the potential facilitators and barriers to the use of the PREP2 algorithm in clinical practice

CEUs:

Occupational Therapy
The Shirley Ryan AbilityLab is an approved provider for the American Occupational Therapy Association to offer continuing education in occupational therapy. This intermediate level program awards occupational therapists 0.15 CEUs or 1.5 contact hours. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Category 2: OT Process- Evaluation.

Physical Therapy
This course has been approved by the Illinois Physical Therapy Board for 1.5 Contact Hours. Approval #216-000069.

The Shirley Ryan AbilityLab is recognized by the New York State Education Department's State Board for Physical Therapy as an approved provider of physical therapy and physical therapist assistant continuing education. This course has been approved for 1.5 contact hours.
MEDICAL COMPLICATIONS OF PATIENTS WITH STROKE AND ITS IMPACT ON REHABILITATION

Instructor: Elliot J. Roth, MD, Medical Director, Patient Recovery Unit, Shirley Ryan AbilityLab; Paul B. Magnuson Professor and Chairman, Department of Physical Medicine and Rehabilitation, Northwestern University Feinberg School of Medicine; Chairman, Department of Physical Medicine & Rehabilitation, Northwestern Memorial Hospital

Description: This course will review the common medical comorbidities and complications seen during and after stroke rehabilitation, discussing frequencies, recognition, and management approaches. The review also will summarize the existing literature on the impact of these conditions on rehabilitation and long-term outcomes.

Objectives

- Name the common medical comorbidities and complications seen during rehabilitation and long term follow up of people with strokes
- Describe some of the common prevention and treatment interventions of these complications
- Summarize what is known about the impact of these complications on rehabilitation long term outcomes

CEUs:

**Occupational Therapy**

The Shirley Ryan AbilityLab is an approved provider for the American Occupational Therapy Association to offer continuing education in occupational therapy. This intermediate level program awards occupational therapists 0.1 CEUs or 1 contact hour. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. OT Category: Domain of OT

**Physical Therapy**

This course has been approved by the Illinois Physical Therapy Board for 1 Contact Hours. Approval #216-000069.

**Nursing**

The Shirley Ryan AbilityLab is an approved provider of continuing nursing education by the Ohio Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. (OBN-001-91) (OH-362-9/01/2017).

This CNE activity is being offered for 1 contact hours