**Instructor:** Allison Kessler MD MSc  
Section Chief of Renée Crown Center for Spinal Cord Innovation  
Associate Director of Shirley Ryan AbilityLab's SCI Medicine Fellowship  
She is board-certified in Physical Medicine & Rehabilitation (PM&R) and Spinal Cord Injury (SCI) Medicine.

**Description:** This webinar will review common medical conditions and complications, which occur in individuals with spinal cord injuries during the acute inpatient rehabilitation phase of recovery. The management of neurogenic bladder, neurogenic bowel, autonomic dysreflexia, and spasticity will be reviewed. We will also discuss the prevention of venous thromboembolism and pressure injuries as well as their impact on the rehabilitation process.

**Learner Outcomes:**

- State the differences between upper and lower motor neuron neurogenic bowel and bladder.
- Summarize an appropriate care plan for the management of neurogenic bowel and bladder.
- Develop a care plan to prevent pressure injuries from forming or worsening.
- Describe the signs and symptoms of autonomic dysreflexia and understand the acute management for stabilization.
- Express the positive and negative impact spasticity can have on function as well as pharmacologic and nonpharmacologic treatment options.

**CEUs:**

**Nursing**  
The Shirley Ryan AbilityLab is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.  
This CNE is being offered for 1.5 contact hours including 0.25 Pharmacology contact hours.

**Occupational Therapy**  
The Shirley Ryan AbilityLab is an AOTA Approved Provider of professional development. Course approval ID# 02671, This distance learning – independent webinar is offered at .15 CEUs [intermediate, OT service delivery/ Foundational Knowledge]. AOTA does not endorse specific course content, products, or clinical procedures.

**Physical Therapy**  
The Illinois Physical Therapy Board has approved this course for 1.5 Contact Hours. Approval #216-000069  
The Shirley Ryan AbilityLab is recognized by the New York State Education Department’s State Board of Physical Therapy as an approved provider of physical therapy and physical therapist assistant continuing education. This course has been approved by the New York Physical Therapy Board for 1.5 Contact Hours.
Speech-Language Pathology
This course is offered for 0.15 ASHA CEUs (Intermediate level, Related area).

Disclosures
Financial: Receives a salary for teaching this course from the Shirley Ryan AbilityLab
Non-financial: No relevant nonfinancial relationships to disclose.

SWALLOWING ISSUES IN PATIENTS WITH SPINAL CORD INJURY

Instructor: Lindsay Giewont, MS, CCC-SLP, Speech-Language Pathologist, Spinal Cord Innovation Center, Shirley Ryan

Description: While we don’t often consider it in our daily lives, swallowing involves a great deal of strength and coordination of the mechanisms involved, and both can be significantly impacted by a spinal cord injury. This webinar will provide an overview of the basic anatomy/physiology of the swallowing mechanism, with focus on the impact of swallowing impairments on those with spinal cord injuries. While such deficits are usually the focus of SLPs, discussion will also address the impact of swallowing difficulties on various other aspects of an individual’s rehabilitation, including the various other disciplines involved.

Learner Outcomes:
• Describe basic principles of anatomy and physiology of the swallowing mechanism.
• Identify common causes of swallowing difficulties in patients with spinal cord injuries (SCI).
• Describe consequences/complications of swallowing issues in patients with SCI.
• Explain basic rationale for potential interventions used for difficulty swallowing in patients with SCI.

CEUs:
Nursing
The Shirley Ryan AbilityLab (OH-362, 09/01/2020) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.
This CNE is being offered for 1.0 contact hours OH-362, 09/01/2020-105KAS.

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 0.10 CEUs or 1.0 contact hours. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. AOTA Classification Code: Category 1: OT Process – Intervention

Physical Therapy
This course has been approved by the Illinois Physical Therapy Board for 1.0 Contact Hour. 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 contact hour.

**Speech-Language Pathology**

This course is offered for 0.15 ASHA CEUs (Intermediate level, Related area).

**Disclosures**

Financial: Receives a salary for teaching this course from the Shirley Ryan AbilityLab

Non-financial: No relevant nonfinancial relationships to disclose.

### FACILITATING ADJUSTMENT TO SPINAL CORD INJURY

**Instructor:** Jeri Morris, PhD, ABPN, Board Certified Neuropsychologist; former Senior Psychologist, Rehabilitation Institute of Chicago and Assistant Professor, Department of Physical Medicine and Rehabilitation, Northwestern University, Feinberg School of Medicine

**Description:** This program presents a perspective regarding normal adjustment to spinal cord injury and a framework for conceptualizing how treatment team members can be of help to the spinal cord injured individual. Pragmatic suggestions will be provided for integrating theory with practice.

**Learner Outcomes:**

- Identify aspects of adjustment to spinal cord injury that are common to many individuals.
- Discuss the psychosocial factors that influence adjustment to spinal injury both during and following the rehabilitation process.
- Identify potential treatments or therapeutic responses that can be used by the treatment team to facilitate the adjustment of the individual who has sustained a spinal cord injury.

**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.
**Physical Therapy**
This course has been approved by the Illinois Physical Therapy Board for 1.5 Contact Hour. 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.

**Social Workers**
The Shirley Ryan AbilityLab is registered by the State of Illinois to sponsor continuing education programs for social workers. This program will award 1.5 Continuing Education Credit Hour. Sponsor License #159001466

**Speech-Language Pathology**
This course is offered for 0.15 ASHA CEUs (Introductory level, Professional area).

**Disclosures**
Financial: Receives a salary for teaching this course from the Shirley Ryan AbilityLab
Non-financial: No relevant nonfinancial relationships to disclose.