Division of Pulmonary & Critical Care Medicine and Department of Physical Medicine & Rehabilitation Present...

JOHNS HOPKINS
ADULT ICU REHABILITATION FOUNDATIONS COURSE (ONLINE ONLY)
DESCRIPTION

The online Adult ICU Rehabilitation Foundations Course has 17 recorded presentations and is divided into 4 themes:

(1) Rationale and Evidence for Early Rehabilitation,
(2) Implementing and Sustaining an ICU Rehabilitation Program,
(3) Specialized Assessment and Intervention, and
(4) Medical Interventions.

This course is designed to provide foundational knowledge that is essential for effective collaboration and coordination needed to facilitate early mobility and rehabilitation in the intensive care unit (ICU) setting. This course aims to breakdown ‘silos’ among critical care and rehabilitation clinicians working in the ICU, through interdisciplinary education. Moreover, the course provides insights into creating an ICU culture based on proactive rehabilitation and interdisciplinary collaboration between all critical care and rehabilitation clinicians.

The Adult Foundations course has 5.5 hours of recorded presentations, with an accompanying pdf copies of presentation slides (excluding copyright material and patient images). As its focus is on foundational material, the content of this course does not change from year to year. Hence, if you have attended this course in the past, there is no need to attend again.

This course is an essential platform for our annual “latest updates” conference: the 2-day Annual Johns Hopkins Critical Care Rehabilitation Conference. This 2-day Conference is offered exclusively via an in-person format at the Johns Hopkins Hospital (more information at www.ICURehabNetwork.org.).

WHO SHOULD ATTEND

This activity is intended for physical therapists, occupational therapists, speech-language pathologists, respiratory therapists, physiatrists, ICU physicians, physician assistants, nurse practitioners, and nurses.

OBJECTIVES

After attending this activity, the learner will demonstrate the ability to:

- Describe ICU-acquired muscle weakness and implications for long-term patient outcomes.
- Appraise the foundational evidence for early rehabilitation and mobility in critically ill adults.
- Describe and discuss how to change ICU culture and clinical practice to implement early rehabilitation programs for critically ill adults.
- Explain evidence, clinical practice, and interdisciplinary roles of nursing, physical therapy, occupational therapy, speech-language pathology, and respiratory therapy in an adult ICU rehabilitation program.
- Explain rehabilitation-related assessments and interventions for adult ICU patients.
- Explain the principles of clinical decision-making, including issues related to relevant medications, mechanical ventilation, medical devices and monitoring, for safe early rehabilitation in the ICU.
- Describe the management of sedation and delirium, and related cognitive assessments and interventions, for adult ICU patients.

CONTINUING EDUCATION (CE) INFORMATION

This Foundations Course does not offer CE credits. On an individual basis, you may be able to self-submit to your own accreditation body for consideration of CE. Upon completion of the course, you will be given a certificate with relevant information that will assist with CE evaluation.

REGISTRATION INFORMATION

Register Online at: https://medicine.learnmore.jhu.edu/browse/icurehab

Once you have registered, please create your account on learnmore.jhu.edu, and select the Course and complete your purchase. Once the purchase has been approved, you can start the Foundations Course. If you have questions regarding registering for the Course, please contact JHOnline@jhmi.edu.

COURSE DURATION

The Course will remain accessible for 180 days after registration. Please review all presentations and download all pdf handouts prior to course expiration date.

FEES & $100 COUPON

The cost of the foundations course is $125. Within the introductory presentation to the course, we provide a coupon code for $100 discount off the Regular registration cost of the Annual Johns Hopkins Critical Care Rehabilitation Conference (exclusively in-person format at the Johns Hopkins Hospital). This coupon is a discount from the Regular registration price and is valid for use from July 1, until September 30.
Welcome and Course Goals by Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM

Session 1: **Rationale and Evidence for Early Rehabilitation**
- ICU-Acquired Weakness and Long-Term Patient Outcomes
  - Dale Needham, FCPA, MD, PhD
- Culture Change to Promote Early Rehabilitation in the ICU
  - Jennifer Zanni, PT, DScPT, CCS
- Safety Criteria for Rehabilitation of ICU Patients
  - Jennifer Zanni, PT, DScPT, CCS
- The Evidence for Early Rehabilitation in the ICU
  - Dale Needham, FCPA, MD, PhD
- Overview of Sedation and Delirium Issues
  - Karin Neufeld, MD, MPH
- Cognition and Delirium: Assessment and Intervention
  - Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM and Therese Kling-Cole, MA, CCC-SLP, BCS-S

Session 2: **Implementing and Sustaining an ICU Rehabilitation Program**
- Role of Physical Therapy
  - Kerry Lammers, PT, DPT, CCS, CCI
- Role of Occupational Therapy
  - Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM
- Role of Speech-Language Pathology
  - Therese Kling-Cole, MA, CCC-SLP, BCS-S
- Role of Respiratory Therapy
  - Deadria Clarke, RRT
- Role of Nursing
  - Sam Young, MS, RM

Session 3: **Specialized Assessment and Intervention**
- Integrated Therapy Care in the ICU
  - Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM; Deadria Clarke, RRT; Therese Kling-Cole, MA, CCC-SLP, BCS-S and Kerry Lammers, PT, DPT, CCS, CCI
- Functional Assessment Measures
  - Annette Lavezza, OTR/L and Daniel Young, PT, DPT, PhD
- Advancing Mobility Through Safe Patient Handling
  - Danny Ludwig, PT, DPT, NCS

Session 4: **Medical Interventions**
- Critical Care Medications
  - Kerry Lammers, PT, DPT, CCS, CCI
- Understanding Mechanical Ventilation
  - Jennifer Zanni, PT, DScPT, CCS
- Lines, Tubes, Drains, and ICU Monitoring Systems
  - Danny Ludwig, PT, DPT, NCS
SPEAKERS

COURSE PLANNERS

Dale Needham, FCPA, MD, PhD
Professor
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Department of Physical Medicine and Rehabilitation
Medical Director, Critical Care Physical Medicine and Rehabilitation Program
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Director, Inpatient Therapy Services
Johns Hopkins Hospital

Kelly Casey, OTD, OTR/L, BCPR, ATP
Rehabilitation Therapy Manager
Director of the Johns Hopkins Acute Care Occupational Therapy Fellowship
Johns Hopkins Hospital

Deadria Clarke, RRT
Adult Respiratory Care Practitioner
Northwest Hospital
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COURSE PRESENTERS

Kelly Casey, OTD, OTR/L, BCPR, ATP
Occupational Therapist
Rehabilitation Therapy Manager
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