

REGISTRATION

\$435 fee. Group rate (3 or more) must be mailed/faxed together \$410. Deadline for registration is three weeks prior to course. Registration will be accepted after deadline on a space available basis. Cancellation accepted until two weeks prior to course minus an administration fee of \$75.

NO REFUNDS WITHIN 2 WEEKS OF COURSE
Please make check payable and return to:

Education Resources, Inc.

266 Main St., Suite 12 • Medfield, MA 02052
(508) 359-6533 or 800-487-6530 (outside MA)
FAX (508) 359-2959 • www.educationresourcesinc.com

Limited enrollment

ICU Acute Care/Wells

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE (H) _____ PHONE (W) _____

CELL _____

Needed in the event of an emergency scheduling change

EMAIL _____

Please clearly print your email address for course confirmation

EMPLOYER _____

DISCIPLINE _____ SPECIALTY _____

HOW DID YOU HEAR OF THIS COURSE? _____

☐ **ERI Rewards.** I am registering for my 4th course since January 2009 and applying \$100 credit to the tuition.

Please indicate course location attending:

☐ Feb/NJ ☐ March/GA ☐ April/CA

☐ June/TX ☐ Aug/TN ☐ Nov/TX ☐ Dec/VA

Education Resources, Inc. reserves the right to cancel any course due to insufficient registration or extenuating circumstances. Please do not make non-refundable travel arrangements until you have called us and received confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.

☐ **I have read your refund policy above and understand**

Cardholder's name & billing address with zip code if different from above.

Amount to be Charged _____

Signature _____

I hereby authorize you to charge my: ☐ VISA ☐ MC ☐ DISCOVER

(last 3 digits on back of card)

Exp. Date _____ CVV2 code _____

FACULTY

Chris L. Wells, Ph.D., PT, CCS, ATC is a Cardiovascular and Pulmonary Clinical Specialist in the Department of Rehabilitation Services at the University of Maryland Medical Center. She delivers patient care in the intensive care setting and assists with program and staff development, clinical competencies, and oversees clinical research opportunities for therapists. Dr. Wells holds a bachelor's degree and advanced master's degree in physical therapy and was awarded a Doctor of Philosophy in Education, Department of Developmental Movement, from the University of Pittsburgh. She holds an appointment as Associate Professor, Adjunct position, at the University of Maryland School of Medicine in the Department of Physical Therapy and Rehabilitation Science where she lectures in the areas of cardiopulmonary dysfunction and rehabilitation and acute care practice. She is an active member within the Cardiopulmonary Section of the American Physical Therapy Association and serves as the Chair of the Research Committee. Dr. Wells' line of funded research is in the rehabilitation and functional outcomes for the older adult suffering critical illness and after suffering a traumatic injury. *Disclosure: Financial: Chris Wells receives an honorarium from Education Resources, Inc. Non-Financial: Chris has no non-financial relationships to disclose.*

CREDITS

This course meets the criteria for 13.5 contact hours (1.35 CEU's). Applications have been made to the **NJ** Board of PT Examiners and the **PA** State Board of PT, the **TN** PT Association, and the **OK** Board of Medical Licensure and Supervision for PT. In **DC**, **DE**, **GA**, and **VA** the Boards of PT recognize other Board's approvals. ERI is an approved agency by the PT Board of **CA**. **TX** Physical Therapy Association accredited provider.

Approved provider by the **NY** State Board of Physical Therapy for 16.2 contact hours.



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 13.5 contact hours - Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEU's does not imply endorsement of specific course content, products or clinical procedures by AOTA.

This course meets the approval for type 2 CEUs by the **TX** Board of OT Examiners.

NBCOT professional development provider-13.5 PDU's.

ICU and Acute Care:

From Early Mobilization to Discharge Decisions



Chris L. Wells
PT, PhD, CCS, ATC

February 9 - 10, 2019 - Somerville, NJ

March 2 - 3, 2019 - Decatur, GA

April 27 - 28, 2019 - Carlsbad, CA

June 1 - 2, 2019 - Denison, TX

August 2 - 3, 2019 - Columbia, TN

November 16 - 17, 2019 - Houston, TX

December 6 - 7, 2019 - Newport News, VA

Stay Tuned!

Your enhanced ERI experience is on its way!

A new look and new interactive website, reflecting our tradition of excellence, and our commitment to you and your future!



www.educationresourcesinc.com
(508) 359-6533 or (800) 487-6530
(outside MA)

Education Resources, Inc.

Relevant Continuing Education for Therapists by Therapists

COURSE DESCRIPTION

This course will sharpen your skills in assessment and optimal intervention for early mobilization and mobility progression in the complex acutely ill patient. It will discuss the interpretation of vital signs beyond the basics as it relates to critical illness. Focus will be on critical decision making through case analysis to determine medical stability and exercise tolerance in complex patients. Evidence for advanced intervention will be discussed for patients who are suffering from common iatrogenic effects of hospitalization. Learn to provide best practices in acute care for complex patients through integration of lab values, tests, medical history, clinical exam, research evidence and clinical judgment.

COURSE OBJECTIVES

Participants will be able to:

1. Integrate the medical and environmental of the ICU to promote an effective therapy session
2. Apply current literature and trends to progress functional recovery for patients that suffer critical illness.
3. Apply exercise physiology principles to prescribe an effective exercise prescription
4. Implement an integrative rehabilitation plan to address pulmonary dysfunction
5. Analyze the complexity of critical illness via a case scenario to develop an evaluation and intervention approach to provide comprehensive care.

AUDIENCE

Physical and Occupational Therapists working in an acute care setting with primarily adults. The focus will be on cardiovascular and pulmonary critical illness. It is recommended that participants have a basic knowledge of lines, tubes and ventilators. If not, it is recommended you review this online course: "Lines, Tubes, Ventilators and Diagnostic Screening for Stability vs Instability: Cardiopulmonary Examination and Monitoring." Available on the Education Resources, Inc. website.

Please contact us with any special needs requests: info@educationresourcesinc.com or 508-350-6533

ONLINE COURSES

We've infused the excitement and clinical relevance of our live courses into a new online Series
Learn at your convenience:

Advanced Vestibular Series
Acute Care Series
Post Concussion Series

Online courses include free downloadable handouts and access for an entire year.
Register online www.educationresourcesinc.com

SCHEDULE DAY ONE

- 7:30 - 8:00 Registration/Continental Breakfast
- 8:00-9:30 Multi System Effects of Acute and Critical Illness: Implications for Treatment
- Hospital acquired weakness, chronic critical illness and post ICU syndrome.
- 9:30-10:30 Multi System Review it relates to medical stability
- Medications, labs and diagnostics to guide the exercise progression.
- 10:30-10:45 Break
- 10:45-11:45 Interpretation of vital signs
- Responses (heart rate, blood pressure, oxygen saturation, respiratory rate) relative to the patient's fitness level at a given workload.
 - Assessment of physiological tolerance
- 11:45-1:00 Lines and Tubes Function, Precautions and Mobility
- Safe mobility with effective clinical decision making.
- 1:00-2:00 Lunch (on your own)
- 2:00-3:00 The Medically Complex Patient
- Exercise testing protocols and outcomes measures to document impairment and response to rehabilitation
 - Exercise prescription and goals to optimally treat the medically complex patient.
- 3:00-3:30 The Dyspnea and Fatigue Barrier
- Heart failure and COPD
 - Clinical tools to measure the subjective reports
- 3:30-3:45 Break
- 3:45-4:30 Case study; Clinical Integration and decision making. This case study will integrate the medical history of a patient who has a past medical history of IPF due to JRA, suffering pulmonary infection leading to prolonged respiratory failure requiring lung transplantation.

COURSE REQUIREMENTS

Participants are asked to bring a Stethoscope, linens, (towels, sheets), pillows and a tape measure.

SCHEDULE DAY TWO

- 7:30-8:00 Continental Breakfast
- 8:00-9:30 Clinical application of EKG
- Rate and rhythm: effects on perfusion, filling and cardiac output
 - Common dysrhythmias: formulating clinical decisions
- 9:30-10:30 Pulmonary assessment including mechanical ventilation
- Utilizing the mechanical ventilator to set goals and to advance patient exercise tolerance
- 10:30-10:45 Break
- 10:45-12:00 Pulmonary **Lab**
- Auscultation and palpation of the pulmonary system: breathing mechanics and chest wall mobility
- 12:00-1:00 Lunch (on your own)
- 1:00-2:00 (Continue) Pulmonary **Lab**
- Neuromuscular facilitation techniques and musculoskeletal techniques for patients in acute care no matter their diagnosis.
- 2:00-2:45 Advanced ICU device support
- VADs and ECMO devices: safely mobilizing patients
 - Rehabilitation program and goals for patients on these advance life support devices
- 2:45-3:00 Break
- 3:00-4:00 Case Study and Clinical Decision Making
This case study will integrate the medical history of a patient who has past medical history of obesity, HTN and type II DM diet controlled. She suffered a myocardial infarction that led to heart failure and limb amputation.

COURSE LOCATIONS

February 9 - 10, 2019 - Somerville, NJ
Robert Wood Johnson University Hospital Somerset
Somerville, NJ

March 2 - 3, 2019 - Decatur, GA
Emory Decatur Hospital
Decatur, GA

April 27 - 28, 2019 - Carlsbad, CA
Tri-City Medical Center
Carlsbad, CA

