

Mechanical Ventilation, Artificial Airways & ICU Monitoring Equipment: Rehabilitation Considerations

Daniel Malone PhD, PT

Faculty

Daniel Malone PhD, PT, brings to the classroom expert knowledge and hands-on experience in acute care and cardiovascular and pulmonary rehabilitation, gained during his 27 years as a practicing physical therapist. His experience encompasses all service lines, from critical care to long-term care, including outpatient cardiac and pulmonary rehabilitation. Dr. Malone obtained a specialist certification in Cardiovascular & Pulmonary Physical Therapy from the American Board of Physical Therapy Specialists in 1998 with recertification in 2008 and 2018. He is editor and contributor of the textbook, "Acute Care Physical Therapy: A Clinician's Guide" 2nd Edition. He is active in the Cardiovascular and Pulmonary (CVP) Section of APTA, having just completed serving 2 terms as CVP Section President. Dr. Malone holds a master's degree in physical therapy from Temple University and a doctorate in physiology with an emphasis in acute lung and respiratory muscle injury from the School of Medicine at Temple University. Dr. Malone is currently an Assistant Professor in the Physical Therapy Program at the University of Colorado School of Medicine.

Disclosures: Dan Malone receives an honorarium from ERI for this course and royalties from "Acute Care Physical Therapy: A Clinician's Guide". Non-Financial: He has no non-financial relationships to disclose.

About this Course

This course discusses common laboratory values, catheters, airways, and physiologic monitoring equipment used in the intensive care unit. Additionally, mechanical ventilation and various modes of ventilation will be discussed in relation to several pulmonary disorders (ARDS, COPD, IPF). This course will emphasize "what" to monitor and how to interpret and apply the "data" into an efficacious plan of care that promotes the safe and progressive rehabilitation of the critically ill patient.

Objectives

Upon completion of this course, the participant will be able to:

- 1 Identify ICU equipment that is used to monitor and support patient's clinical stability in the critical care setting.
- 2 Examine and evaluate the information gathered from physiological monitoring equipment and laboratory testing used to determine patient's clinical stability in the ICU and acute care settings.
- 3 Interpret and make safe and efficacious clinical decisions regarding progressive mobilization and rehabilitation utilizing data gathered from physiological monitoring equipment and laboratory testing.

Schedule

6:00-10:00 Physiologic Monitoring & Patient Support
Equipment for the Critically Ill Patient

- ④ Cardiovascular & Pulmonary monitoring:
 - Central venous and peripheral arterial catheters (e.g.: PAC; central dwelling venous catheters; arterial line...etc.)
 - Mechanical ventilation and artificial airways
 - Arterial Blood Gas analysis
- ④ Metabolic monitoring & support
 - Critical lab values including CBC (RBC; Hct; WBC; Platelets) and coagulation profiles (PT/INR; PTT)

***Schedule includes 3, 10-minute breaks.

Don't miss Dan Malones': ["A Deeper Dive into Respiratory Disorders and Rehabilitation: PICS, COVID-19, ARDS and other Pulmonary Conditions"](#) October 26, 28 and November 2,4, 2020

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Credits

This course meets the criteria for 3.5 contact hours (.35) CEUs, Intermediate Level. Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm.

Application has been made to the **KY, NM, NJ, NV** and **OK** Boards of Physical Therapy. Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 4 contact hours. Approved provider by the **NY** State Board of Physical Therapy for 4.2 contact hours (.42 CEUs).

Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: **CA**, and **TX**. The following state boards of physical therapy accept other states' approval: **AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, MI, MO, MS, NC, OR, PA, RI, SC, UT, VA, VT, WI, WY**. The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: **AL, CO, CT, IA, MA, ME, MT, NE, ND, NH, SD, WA**.



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 3.5 contact hours (.35 CEUs) - Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA.

Approved provider of the **FL** Board of Occupational Therapy-CE Broker 4 hours.

This course meets the approval of the **TX** Board of OT Examiners.

NBCOT professional development provider – 3.5 PDUs.

3.5 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification. They do NOT qualify towards the 8-hour NDTA Instructor requirement for re-certification.

Please contact us with any special needs requests: info@educationresourcesinc.com or 508-359-6533

Webinar Date and Time – 2020

November 9, 2020

5:40 pm EST • 4:40 pm CST • 3:40 pm MST • 2:40 pm PST (US)

Log-In Instructions and Course Materials will be emailed/added to your ERI account 1 week prior to the first date of the Webinar



\$89 fee. **LIMITED ENROLLMENT** Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 Administration Fee. There will be NO REFUNDS after this 14 day deadline. Registration will be accepted after deadline on a space available basis. We encourage you to register online!

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November 9, 2020

Course Registration Form

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

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Needed in the event of an emergency scheduling change

Email: _____

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Employer: _____

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How did you learn of this course? _____

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