### Day 1: Acute Care & ICU Rehab

Explore the latest interventions for improving functional mobility, strength, independence, and outcomes in acute care rehab. Designed for all practice levels, from the new grad to the veteran acute care professional, this hands-on course will provide you with an updated knowledge base for making appropriate decisions within the ICU and acute care environments, implementing assessment and treatment tools, integrating existing treatment plans with progression into the plan of care, and adjusting or accommodating treatment interventions across the hospital stay through transition out of the hospital. Discover the latest assessment techniques and learn how to integrate treatments into rehab plans during acute and post-acute phases. Practice the latest interventions, strategies, and best practices in hands-on labs throughout the day.

Discover new treatments for:

- Early mobilization
- Management of lines, wires and
- Respiratory distress
- Intubation/Vent dependency
- Discharge planning
- Caregiver training

## **Objectives**

- State the critical elements of analysis and assessment in mobilizing medically fragile patients.
- Develop an appropriate plan of care for patients who present with a critically ill cardiac, neurological or respiratory diagnosis.
- · Distinguish the characteristics, similarities of, and differences between, medically fragile and general acute care patients and methods to implement successful therapeutic interventions with each.
- Demonstrate an understanding of the outcome tools available for assessment of the acute or critically ill
- Evaluate strategies for addressing the behaviorally challenging patient and successful methods for patient
- Identify methods to effectively document progression throughout the acute care spectrum.

## Speaker

CINDY BAUER, MSOT, OTR/L, received her Master of Science in Occupational Therapy from Washington University in St. Louis in 1994. Over the past 24 years she has practiced in every clinical setting including home health, outpatient, skilled nursing, inpatient rehabilitation, and acute care hospitals. She has worked with clients from every background and every age group, from pediatrics to geriatrics. Through the years, Cindy has honed her skills in a number of specialty circuits including Trauma, Burns, Spinal Cord Injury, and Brain Injury but has spent the past 10 years primarily serving the high volume acute care populations of ICU, Cardiopulmonary, Orthopedics, and Med-Surg. Cindy's approach is matter-of-fact and function-oriented, combining clinical knowledge with a personalized approach for her client's optimal outcomes. She enjoys serving as an instructor and a mentor in each of her practice settings and has most recently spread her knowledge and experience through professional CEU courses focused on the realms of Acute Care/ICU Rehab, Hand Splinting, and Therapy for Cardiopulmonary Patients.

### Speaker Disclosures

Financial: Cindy Bauer has an employment relationship with BJC Healthcare. She receives an honorarium from Performance Health Academy. She receives a speaking honorarium from PESI, Inc. Non-financial: Cindy Bauer has no relevant non-financial relationship to disclose

Courses developed by Dr. Kristen Davin, OTDR/L, ATP, SMS



July 29-August 1, 2020

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### Day 1: Outline

#### PHYSIOLOGICAL CHANGES IN ACUTE CARE

- Effects of immobility on organ systems
- Respiratory
- Cardiac
- Digestive
- Musculoskeletal
- Early and aggressive mobilization and intervention

#### **ENSURE SAFE AND SUCCESSFUL TRANSFERS** AND MOBILITY FOR ANY PATIENT

- Decision-making process
- Weight-bearing restriction mobilization
- Specific mobility restrictions
- Pulmonary embolism
- Deep vein thrombosis Mobilization management
- Chest tubes
- Arterial lines
- IV management

#### **ICU/IMC SPECIFIC MANAGEMENT**

- Fecal management systems
- Various catheter types

#### ADVANCED TREATMENT INTERVENTIONS **FOR IMPROVED OUTCOMES**

- Orthopedic interventions
- Orthopedically complex patient
- Cutting-edge interventions
- Transitioning to same day ortho discharge
- Shorter length of stay with improved outcomes
- Transfer considerations
- Alternative techniques for NWB Transfers for all WB restrictions
- Burn injury across the lifespan
- Types and degree of burn injury
- Burn management and surgical interventions - Current trends in therapeutic burn
- intervention Cardiac diagnoses
- Cardiac surgery and appropriate therapeutic progression
- Sternal precautions
- Implementation of strength training Neurological emergencies and trends in
- intervention - tPA administration and impact on therapeutic
- Management of the severe stroke
- Patients with brief neurological deficits

Who Should Attend

Occupational Therapy Assistants

Physical Therapist Assistants

Occupational Therapists

Physical Therapists

Nurse Practitioners

Nurses

# **Live Seminar Schedule**

• Respiratory compromised patient

- COPD

patient

- Dementia

- Aggression

intervention

**CONSIDERATIONS** 

Predicting the future

**DISCHARGE PLAN** 

discharge destinations

patient's support system

acute and post-acute stay

**ACHIEVE PRODUCTIVITY** 

**CARING FOR THE CAREGIVER** 

**BILLING AND DOCUMENTATION** 

- TBI

- High-flow oxygen management

INTERVENTIONS FOR PATIENTS WITH

**COGNITIVE/PSYCHIATRIC DIAGNOSES** 

Addressing the behaviorally challenging

• Motivation of the chronically-refusing patient

**OUTCOME EXPECTATIONS AND GOAL** 

• Timing of PT/OTR reassessments

- Appropriate goal development

• Major depression and its impact on therapeutic

• Short-term vs. long-term goal implementation

**CREATE AN EFFECTIVE AND SUCCESSFUL** 

• Importance of an interdisciplinary approach

• Client-centered practice and inclusion of the

• Effective and successful documentation during

• Document progression in patients with limited

• History of productivity requirements and their

• Current trends in productivity expectations

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and active duty military personnel

• Understand G codes, payment, and billing

• Manage the challenging family/caregiver

• Pros/cons of sub-acute, home health, and other

- Fresh take on energy conservation techniques

(Both days)

**7:30** Registration/Morning Coffee & Tea 8:00 Program begins

reaistration reauired.

Lunch 1 hour (on your own) **3:30** Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speake A more detailed schedule is available upon request.



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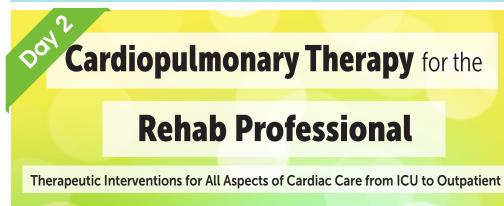
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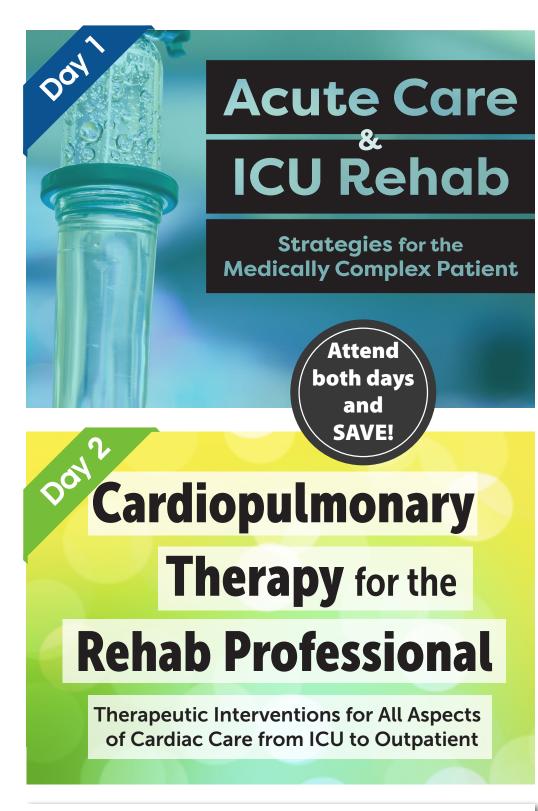




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## Day 2: Cardiopulmonary Therapy for the Rehab **Professional**

Thousands of Americans suffer from cardiopulmonary related diagnoses which account for the majority of hospitalizations throughout the U.S. This comprehensive one-day course will offer valuable, cutting edge clinical information and explore the latest evidence-based interventions to improve functional mobility, strength, independence, and achieve desired outcomes in regards to the cardiopulmonary patient.

Designed for all practice levels, this interactive course will provide you with an updated knowledge base for making appropriate decisions within the cardiac ICU and acute care environments, implement assessment and treatment tools, integrate existing treatment plans with progression into the plan of care, and adjust or accommodate treatment interventions across the hospital stay through transition to discharge. This course is a must-see for anyone in healthcare who works with cardiopulmonary patients in any practice setting!

### Objectives

- · Describe the anatomical and physiological structures of the cardiopulmonary system, and the impact pathology and disease course have on mobility, function and independence.
- · Compare a variety of cardiopulmonary diagnoses and the impact the diagnosis has on patient function, activity tolerance and independence.
- · State the critical elements of analysis and assessment in assessing and performing early mobilization with medically fragile cardiopulmonary patients.
- Design a comprehensive treatment plan based on thorough patient assessment for patients who present with various cardiopulmonary diagnoses.
- Identify and explain the types and parameters of cardiac precautions associated with post-surgical cardiac
- Demonstrate an understanding of at least two outcome tools available for assessment of the cardiopulmonary patient.
- Explain the relationship METs have regarding activity, ADL performance and exercise prescription and the role METs play in the determination of therapeutic intervention.
- Distinguish between the types of common ventilator settings and the correlation between each setting and the patient's status.

### **Who Should Attend**

- Physical Therapists
- Physical Therapist Assistant
- Occupational Therapists
- · Occupational Therapy Assistants
- Respiratory Care Practitioners and Therapist
- · Cardiopulmonary Rehabilitation Specialists
- Physician Assistant Exercise Physiologists Nurse Practitioners Cardiac Nurses
- Rehabilitation Nurses Athletic Trainers



### Day 2: Outline

#### ANATOMY/PHYSIOLOGY & EPIDEMIOLOGY OF CARDIOPULMONARY DISEASE

Fundamentals of cardiopulmonary anatomy and physiology

Impact of pathology and disease Current trends, incidence rates and hospital

Gender differences in cardiac disease Benefits of exercise/activity vs. a sedentary lifestyle

#### **CLINICAL ASSESSMENT OF THE CARDIOPULMONARY PATIENT**

readmissions

Assessment of the ICU, acute care, medically complex & post-surgical physical patient Objective tests -Borg, functional measures, walk tests, etc

Development of the treatment plan and OT & PT goal development

#### **CARDIOVASCULAR PATHOLOGY AND ITS** IMPACT ON REHABILITATION

Diagnoses- MI, Valvular Disease, Arrythmias, Chest Trauma, Chronic HTN, CHF, Substance

Impact of diagnoses on functional mobility and independence

Diagnostics and Therapeutic Testing/

Assessment TEE

Cardiac Cath

FKG

Pharmacology considerations Intervention & Treatment

Following LVA

Pacemakers/AICDs Wound Vacs

**Coronary Artery Bypass Options** safe and successful transfers

#### **PULMONARY PATHOLOGY AND ITS IMPACT** ON REHABILITATION

Diagnoses- COPD, Pulmonary Edema, Respiratory Failure, Pneumothorax, Pleural Effusions, Emphysema

Pulmonary Outlook – Impact of smoking cessation, increase in vaping trends Impact of diagnoses on functional mobility and independence

Diagnostics and Therapeutic Testing/

Assessment

6 Minute Walk Test ABGs PFTs

YMCA 3 Minute Test

Pharmacology considerations Intervention & Treatment

Following LVRS

**Ventilator Placement** 

Chest Tubes Supplementary O2 devices

Ventilator

CPAP BiPAP

Venturi Mask

#### LABS AND THEIR IMPACT ON THE PATIENT

Cardiac Labs

Potassium

Hemoglobin Sodium

& more

**Prothrombin Time** Anticoagulants

Glucose

CONSIDERATIONS Short term vs. long term goal implementation

**OUTCOME EXPECTATIONS, GOAL** 

When to bring the PT/OTR back for reassessment

How determine appropriate goal development for the future

#### **DISCHARGE PLANNING & CONTINUED** INTERVENTION

Discharge planning- Home vs intensive rehabilitation, skilled nursing, etc Home exercise programs, energy conservation techniques, work simplification

Learned more than I expected. Very good speaker - very knowledgeable of the topic.

Physical Therapist

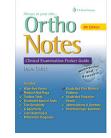
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By Dana Baggett, M.S., CCC-SLP

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By Dawn Gulick, Ph.D., PT, ATC, CSCS

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Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your profession's standards.

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#### Acute Care & ICU Rehab: Strategies for the Medically Complex Patient

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Hawaii Physical Therapists & Physical Therapist Assistants: An application has been submitted to the Hawaii Board of Physical Therapy. CCUs

Other Professions: This activity qualifies for 360 minutes of instructional content as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific

#### Cardiopulmonary Therapy for the Rehab Professional

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The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Course Level: Physical Therapists & Physical Therapist Assistants: This activity consists of 6.0 clock hours of instruction that is applicable for physical

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December 9, 2019

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DAY 2: Cardiopulmonary Therapy for the Rehab Professional December 10, 2019

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