#### OUTLINE

#### SYNOPSIS OF CURRENT RESEARCH

- Cardiopulmonary anatomy and physiology
- Fetal and adult cardiac anatomy

#### **EPIDEMIOLOGY OF**

#### CARDIOPULMONARY DISEASE

- Impact on community hospitals
- $\bullet \ Gender \ differences \ in \ cardiac \ disease$
- Shock states and role of therapy
- Review of current research

#### **CLINICAL ASSESSMENT**

- Impact of disease states on functional mobility
- Acute care and post-surgical physical therapy
- 12-Lead EKG
- Cardiopulmonary pharmacology
- What is the impact on rehabilitation?
- Physiological changes and the effects of certain medications

#### **POST-SURGICAL INTERVENTIONS**

- Phase II Cardiac Rehabilitation
- $\bullet$  Progressing exercise and D/C planning

#### Case Studies

• COPD

#### Hands-On Lab

Cardiopulmonary assessment



#### **Objectives**

- 1. Review cardiac and pulmonary anatomy and physiology.
- 2. Discuss the effect of cardiovascular disease on functional mobility.
- 3. Recognize gender differences and their relationship to cardiac symptoms.
- 4. Evaluate evidence-based literature related to cardiopulmonary therapy and its impact.
- Examine surgical interventions and acute and post-operative care from a rehabilitation point of view.
- 6. Design a care plan based on cardiac and pulmonary diagnoses and specific needs to improve patient outcomes.
- 7. Study auscultation, heart sounds, and the most up-to-date assessment techniques for cardiopulmonary patients.
- 8. Assess cardiopulmonary pharmacology and the effects of certain medications.
- 9. Explore exercise prescription, progression, and D/C planning.
- 10. Educate patients about the importance of staying active and how to best manage their disease(s).

#### Live Seminar Schedule

**7:30** Registration/Morning Coffee & Tea

8:00 Program begins

**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 speaker. A more detailed schedule is available upon request.



PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. Advance registration by phone required.

#### **Target Audience**

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

Have a seminar idea? A manuscript to publish? The nation's top speakers and authors contact PESI Rehab first. If you are interested in becoming a speaker, or have a new topic idea, please contact Anna Rustick at arustic@pesi.com or call (715) 855-8195.





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## **Cardiopulmonary**Therapy

for the

## **Rehab Professional**

#### PORTLAND, OR

Wednesday February 20, 2019

## TACOMA, WA Thursday

February 21, 2019

#### BELLEVUE, WA

Friday February 22, 2019



#### Register now! pesirehab.com/express/67316

# Cardiopulmonary Therapy

for the

## **Rehab Professional**

- Gain a better understanding of cardiac and pulmonary physiology and recognize the impact on functional mobility
- Includes Case Studies & Lab!
- Identify gender differences in relation to cardiac events
- Discuss various cardiac and pulmonary surgical interventions as well as acute and post-operative care from a rehab perspective
- Explain the role of cardiopulmonary pharmacology and how patients will respond to activity on certain medications
- Prevent frequent hospitalizations! Develop plans of care based on cardiac and pulmonary diagnoses and effectively manage patients using the most up-to-date assessment techniques

#### PORTLAND, OR

Wednesday February 20, 2019 TACOMA, WA

Thursday February 21, 2019 BELLEVUE, WA

Friday February 22, 2019



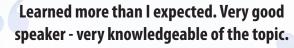
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A Non-Profit Organization Connecting Knowledge with Need Since 1979

### **Cardiopulmonary Assessment to Manage Your Patients Effectively**

Thousands of Americans suffer from cardiopulmonary related diseases which account for a majority of hospitalizations throughout the U.S. Managing those patients adequately can play a critical role in the course of their hospitalizations and can also impact future re-admissions for symptoms related to underlying cardiac and pulmonary illnesses. Even with the increased use of medications to control cholesterol and drug eluding stents, there is still an epidemic of cardiac disease in this country. In addition, while smoking is trending downward it is still the number one cause of COPD and lung cancer. Rehab and allied health professionals can play a pivotal role in the care of these patients to help reduce length of stay, improve functional mobility, and educate patients about the importance of staying active and managing their disease(s) to prevent frequent hospitalizations.

This comprehensive one-day seminar will provide valuable clinical information to effectively manage patients with cardiopulmonary issues. Participants will learn about up-to-date research in cardiac care and be able to identify gender differences in relation to cardiac symptoms. Anatomy, physiology, pharmacology, post-surgical care, and 12-lead EKG interpretation will be discussed and a practical lab component will review auscultation, heart sounds, and assessment techniques for cardiopulmonary patients. Questions related to exercise prescription and progression will also be addressed.



- Physical Therapist

#### Speaker

**CINDY BAUER, MSOT, OTR/L,** is a veteran occupational therapist with over 22 years of OT practice in the acute care setting. With extensive knowledge of splinting within the acute care realm, as well as acute care assessment and therapeutic intervention due to her vast experience in trauma, plastic surgery, orthopedics, and neurology, Cindy has a wealth of knowledge and a desire to make learning fun and clinically applicable. Cindy has served as an OTR/L within various trauma centers in St. Louis and the Central Illinois region, and serves as a clinical educator on multiple topics in the therapeutic arena, including splinting, with an extensive history of practice within the Central Illinois Burn Center, implementing various splinting applications, education and clinical support. Cindy is an experienced educator, who prides herself in the provision of quality education. She received her Masters of Science in occupational therapy from Washington University in St. Louis in 1994.

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

#### SAVE BY INCLUDING THIS PRODUCT WITH SEMINAR REGISTRATION!



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#### **Live Seminar Continuing Education Credit Information**

Credits listed below are for full attendance at the live event only. After attendance has been verified, pre-registered attendees will receive an email from PESI Customer Service with the subject line, "Evaluation and Certificate" within one week. This email will contain a link to complete the seminar evaluation and allow attendees to print, email or download a certificate of completion if in full attendance. For those in partial attendance (arrived late or left early) a letter of attendance is available through that link and an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "live seminar schedule" for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch

If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact cepesi@ pesi.com or 800-844-8260 before the event.

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 professions standards.

PESI. Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

ATHLETIC TRAINERS: PESI, Inc. is recognized by the Board of Certification, Inc. to offer continuing education for Certified Athletic Trainers. This program has been approved for a maximum of 6.25 hours of Category A continuing education.

**EXERCISE PHYSIOLOGISTS:** ASEP members will earn 5.0 CECs for full attendance at this seminar. The ASEP allows members to earn a maximum of 10 CECs in any one 5 year period.

**RESPIRATORY CARE PRACTITIONERS:** Application has been made to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists. Full attendance is required to receive a certificate of successful completion. Please bring your AARC Member Number to the program.

#### NURSES/NURSE PRACTITIONER/CLINICAL NURSE SPECIALISTS: PESI, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Nurses in full attendance will earn 6.0 contact hours. PARTIAL CONTACT HOURS WILL BE AWARDED FOR PARTIAL ATTENDANCE.

#### OCCUPATIONAL THERAPISTS & OCCUPATIONAL THERAPY **ASSISTANTS: PESI, Inc. is**

an AOTA Approved Provider of continuing education. Provider #: 3322. Full attendance at this course qualifies for 6.0 contact hours or .6 CEUs in the Category of Domain of OT and Occupational Therapy Process. Partial credit will be issued for partial attendance. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Course Level: Intermediate.

#### PHYSICAL THERAPISTS & PHYSICAL THERAPIST

**ASSISTANTS:** This activity consists of 6.0 clock hours of instruction that is applicable for physical therapists. CE requirements for physical therapists vary per state/ jurisdiction. Please retain the certificate of completion that you receive and use as proof of completion when required.

PHYSICIAN ASSISTANTS: This program has been reviewed and is approved for a maximum of 6.0 hours of clinical Category I CME credit by the American Academy of Physician Assistant Review Panel. Physician assistants should claim only those hours actually spent participating in the CME activity. This program was planned in accordance with AAPA's CME Standards for Live Programs and for Commercial Support of Live Programs.

**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 requirements.

### **How to Register**

CARDIOPULMONARY THERAPY FOR THE REHAB PROFESSIONAL Questions? Visit www.pesirehab.com/fags, or call 800-844-8260

<b>ONLINE</b> pesirehab.com/express/67316	Please complete entire form (to notify you of seminar changes):  please print; staple duplicate forms.  Mail Code:  See mail code box on address panel on reverse side		
PHONE 800-844-8260 Please have credit card available	NameEmployer Name	Profession	
<b>FAX</b> 800-554-9775	City	County Zip	
MAIL PESI Rehab PO BOX 1000 Eau Claire, WI 54702-1000	Dept. Ph ( )	eive your certificate of completion and registration confirmation	

2 Check location: (make copy of locations)

#### □PORTLAND, OR February 20, 2019 67316PRT

Residence Inn North 1250 North Anchor Way • 97217 (503) 285-9888

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#### □TACOMA, WA February 21, 2019

Pacific Grill Event Center 1530 Pacific Ave • 98402 (253) 272-6469

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#### ADA NEEDS

We would be happy to accommodate your ADA needs; please call at least two weeks prior to the seminar date

#### WALK-INS

Walk-ins are welcome but admission cannot be guaranteed. Call M-F 7:00-6:00 Central Time for space availability if registering within one week

#### TUITION OPTIONS

• FREE Military Tuition: PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. Advance registration by phone required. • \$30 Tuition: If you are interested in being our registration coordinator

for the day, go to: www.pesirehab.com/coord for availability and job description, or call our Customer Service Dept. at 800-844-8260.

Groups of 10 or more: Call 800-844-8260 for discounts

Discounted Student Rate: As part of its mission to serve educational needs PESI Inc offers a reduced rate of 50% off standard tuition for students. Enclose a current student schedule with registration form Go to www.pesirehab.com/students or call 800-844-8260 for details. Advance registration required. Cannot be combined with other discounts.

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reference cards* \$59.95 (SAM085570)
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