

Outline

ANATOMY/PHYSIOLOGY & EPIDEMIOLOGY OF CARDIOPULMONARY DISEASE

Fundamentals of cardiopulmonary anatomy and physiology
Impact of pathology and disease
Current trends, incidence rates and hospital readmissions
Gender differences in cardiac disease
Benefits of exercise/activity vs. a sedentary lifestyle

CLINICAL ASSESSMENT OF THE CARDIOPULMONARY PATIENT

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, Arrhythmias, Chest Trauma, Chronic HTN, CHF, Substance Abuse
Impact of diagnoses on functional mobility and independence
Diagnostics and Therapeutic Testing/
Assessment
TEE
Cardiac Cath
EKG
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
Prothrombin Time
Anticoagulants
Glucose
& more

OUTCOME EXPECTATIONS, GOAL CONSIDERATIONS

Short term vs. long term goal implementation
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



Objectives

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

FREE VIDEO

Working with Aging Runners

Get yours today at
www.pesi.com/1374video

Group Training Solutions Made Easy!

- ONLINE or in-person
- Customizable
- Easy remote access
- From 5 to 5000
- CE hours available



www.pesirehab.com/inhouse

NON-PROFIT
ORGANIZATION
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 32729

PESI Rehab
P.O. Box 1000
Eau Claire, WI 54702-1000
A division of PESI, Inc.

Cardiopulmonary Therapy for the Rehab Professional

Therapeutic Interventions for All Aspects of Cardiac Care from ICU to Outpatient

Live Interactive Webinar
Monday, August 23, 2021

BONUS! – Registration includes FREE on-demand access for 3 months.



REGISTER NOW: pesirehab.com/webcast/85437

Join us online, for this live training!

Cardiopulmonary Therapy for the Rehab Professional

Therapeutic Interventions for All Aspects of Cardiac Care from ICU to Outpatient

- Techniques and evidence-based justification for early mobilization of the cardiopulmonary patient
- Increase your confidence in all aspects of rehabilitation within the cardiopulmonary setting – from ICU to Outpatient
- Acquire the BEST strategies for managing the medically complex patient
- Gain a thorough understanding of cardiopulmonary pathology and its impact on patient performance

NEW!
Current COVID protocols!

Includes Case Studies & Lab!

Live Interactive Webinar
Monday, August 23, 2021

BONUS! – Registration includes FREE on-demand access for 3 months.



REGISTER NOW: pesirehab.com/webcast/85437

A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979

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!

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

- Physical Therapist

PESI Offers Group Discounts!

To save on groups of 5 or more, contact us at pesirehab.com/info!



Risk Free Purchase! PESI stands by our trainings and we have a 100% satisfaction guarantee. If you are not satisfied, please contact our customer service team at www.pesirehab.com/info or 800-844-8260 and we will make it right.

Questions?

Visit our FAQ page at pesirehab.com/faq or contact us at pesirehab.com/info.

Have a seminar idea? A manuscript to publish? The nation's top speakers and authors contact PESI first. If you are interested in becoming a speaker or have a new topic idea, please contact **Celestee Roufs** at croufs@pesi.com or call 715-855-5229.

Meet Your Speaker

Dr. Kirsten Davin, OTDR/L, ATP, SMS, is a veteran Occupational Therapist of over 16 years with extensive experience in a variety of inpatient and acute care practice since obtaining her occupational therapy degree in 2001. She is best known for her live, national speaking tours, as she has conducted thousands of workshops and courses on the topics of splinting, seating/positioning, assistive technology, acute care assessment and intervention, and work/life balance.

Kirsten received her Doctorate in Occupational Therapy in 2007, and graduated from the University of Illinois at Chicago in 2001. She was most recently named the 2016 recipient of the VGM HME (Home Medical Equipment) Woman of the Year Award, presented at the fall MedTrade conference in Atlanta, Georgia.

Speaker Disclosure:

Financial: Kirsten Davin is president of Escape Mobility Solutions. She receives a speaking honorarium from PESI, Inc.
Non-financial: Kirsten Davin has no relevant non-financial relationship to disclose.

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

CE CREDITS AVAILABLE FOR LIVE WEBINAR

This continuing education activity is designed to meet state board requirements for the following professionals: **Athletic Trainers, Exercise Physiologists, Nurses, Occupational Therapists, Physical Therapists, and Physicians Assistants.**

For specific credit approvals and details, visit pesirehab.com/webcast/85437

National CE Credit Approvals For Live Webinar

Credits listed are for full attendance at the live webcast only. The CE certificate can be downloaded/printed after completing the webcast and passing the online post-test evaluation (80% passing score). Please see schedule for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.



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 6.0 hours of Category A continuing education.

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



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.



PESI, Inc. is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Earn up to
6.0 CE
Hours for one
low price!



PESI, Inc. is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation. Nurses in full attendance will earn 6.0 contact hours.

Self-study credit: To check availability for your profession, go to pesirehab.com or call 800-844-8260 with your licensing board to verify acceptance of self-study credit for license renewal.

*Content and materials in this course may include interventions and modalities that are beyond the authorized practice of your profession. 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.

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

For all credit approvals and details, visit: www.pesirehab.com/webcast/85437

SIGN UP-TODAY!

Choose your Learning Experience!

PESI offers multiple formats to fit your CE needs

Register Online at: pesirehab.com/webcast/85437

Live Interactive Webinar (Option 1)

August 23, 2021 [PWZ85436]

\$219.99 tuition

8am Pacific time

Live Webinar Experience:

- Participate live in real-time while connecting and collaborating with peers
- Ask the presenter your questions
- Earn a live CE certificate

FREE BONUS: Replay on-demand access for 90-days after webinar

**Live CE is only available when viewed live*

Get a Group Discount! Contact us at pesirehab.com/info to save for groups of 5 or more

On-Demand Digital Seminar (Option 2)

\$219.99 [POS064580]

Digital Seminar Experience:

- Learn at your own pace with 24/7 access from your PESI account
 - Access to the program materials
 - Enjoy lifetime on-demand access
 - Earn a self-study CE certificate
- CE hours and approvals may vary from live event. Visit pesirehab.com or call 800-844-8260 to check for availability.

DVD (Option 3)

\$219.99 [RNV064580]

DVD Experience:

- Self-study CE certificate available
- CE hours, approvals and cost of CE Certificates may vary from live event. Visit pesirehab.com or call 800-844-8260 to check for availability and pricing

OTHER WAYS TO REGISTER

Phone: 800-844-8260

Fax: 800-554-9775

Mail: PESI Rehab
PO Box 1000
Eau Claire, WI 54702-1000

*If mailing/faxing registration, find form at www.pesi.com/form or call 800-844-8260

ADA NEEDS

We would be happy to accommodate your ADA needs; Please notify us at time of registration.

QUESTIONS

Visit pesirehab.com/faq or contact us at pesirehab.com/info

TAXES AND SHIPPING

Taxes and shipping apply where applicable, see website for details

