

## OUTLINE

### SYNOPSIS OF CURRENT RESEARCH

- Cardiopulmonary anatomy and physiology
- Fetal and adult cardiac anatomy

### EPIDEMIOLOGY OF

#### CARDIOPULMONARY DISEASE

- Impact on community hospitals
- 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
- Progressing exercise and D/C planning

 Case Studies

- COPD

 Hands-On Lab

- Cardiopulmonary assessment

“  
This speaker is truly an expert in her field. Learned information I never learned in school.  
”  
- Physical Therapist

## 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.
5. 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.



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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



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# Cardiopulmonary Therapy for the Rehab Professional

- Gain a better understanding of cardiac and pulmonary physiology and recognize the impact on functional mobility
- 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

Includes Case Studies & Lab!

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