

Management of Complex Cardiac and Pulmonary Disorders

Archana Vatwani, PT, DPT, EdD, MBA



Faculty

Dr. Vatwani is the current Graduate Program Director, Doctor of Physical Therapy Program and Clinical Associate Professor at Old Dominion University (ODU). Prior to ODU, she was an Associate Professor, Doctor of Physical Therapy program at Nova Southeastern University (NSU). She is an acute care physical therapist with a clinical expertise in cardiovascular and pulmonary high-acuity patients and worked at The Johns Hopkins Hospital, Baltimore, MD for a decade. She has held many organizational service leadership positions including the NSU Dr. Pallavi Patel College of Healthcare Sciences founding chair of the diversity and inclusion faculty committee and the founding co-chair of the Physical Therapy department cultural competence task force. At the state and professional level, she served as the founding co-chair of the Florida Physical Therapy Association Acute Care Special Interest group. She is a certified lymphedema and wound Care therapist (CLWT), certified lean six sigma black belt (CLSSBB), certified project management professional (PMP), National Diversity Council certified diversity professional (CDP) and certified in diversity, equity, and inclusion at the workplace. Her primary research interests include cultural competence in healthcare and academia, interprofessional education and practice, simulation-based teaching/learning, healthcare education, physical therapy practice, and management specifically in the acute care and cardiovascular and pulmonary fields. She has authored several peer-reviewed articles, abstracts, and presentations. She is the recipient of the 2022 Healthcare Diversity Leader Award from the National Diversity Council, 2022 American Physical Therapy Association Minority Faculty Scholarship award, and a member of the Alpha Eta Honor Society.

About this Webinar

Treating the complex cardiovascular and pulmonary patient can be challenging. Gain knowledge on physiological monitoring, diagnostic testing, and utilization of functional and objective measures for effective clinical decision making for best patient outcomes working in an interdisciplinary team. Explore new evidence regarding best patient management of medically complex patients. Correlate the pathophysiology in common cardiovascular, pulmonary and lymphatic disorders including congestive heart failure, acute respiratory distress syndrome, post-intensive care syndrome, heart transplants, lung transplants, ventricular assistive devices and lymphedema among others to your evaluation and treatment decisions. Case analysis of complex patients will further bridge the gap between content knowledge and clinical application.

Objectives

- Apply clinical decision-making process related to the pathophysiology and differential diagnosis of heart, lung, vascular (CVP) and lymphatic disorders
- Integrate the indications of mobilizing patients in high acuity CVP patients including pre- and post-operative patients including heart and lung transplant and ventricular assistive devices
- Relate the various oxygen therapies including mechanical ventilation and patient mobilization on the different oxygen systems
- Apply safe mobilization principles including lines, tubes, ventilators, oxygen, and other adjuncts necessary for patient monitoring and treatment
- Implement psychomotor skills involved in mobilizing high acuity patients through cardiovascular, pulmonary, vascular, and lymphatic case analysis
- Utilize new evidence-based articles on best patient management of CVP medically complex patients.

Audience

This course is intended for OTs, OTAs, PTs, PTAs, SLPs, ATCs and Educators.

Disclosure: Financial: Archana Vatwani receives a speaking fee from Education Resources, Inc. Non-Financial: No non-financial disclosures to report.

Help your patients achieve better outcomes.

Schedule – Day 1 5:40 pm - 9:15 pm EST (US)

5:40-6:00	Webinar Registration/Zoom Course Opens
6:00-7:30	Pathophysiology and differential diagnosis of heart, lung, vascular (CVP) and lymphatic disorders. CASE ANALYSIS: CVP and lymphatic cases
7:30-9:15pm	Mobilizing patients in high acuity CVP patients including pre/post heart and lung transplant and ventricular assistive device (VAD) patients CASE ANALYSIS: CVP, Transplant and VAD cases

Schedule – Day 2 5:40 pm - 9:15 pm EST (US)

5:40-6:00	Webinar Registration/Zoom Course Opens
6:00-7:30	Safe mobilization principles including lines, tubes, ventilators, oxygen, and other adjuncts necessary for patient monitoring and treatment Oxygen therapies and patient mobilization on the different oxygen systems.
7:30-9:15	Safe mobilization principles and evidence-based management of CVP patient population CASE ANALYSIS

Schedule – Day 3 5:40 pm - 9:15 pm EST (US)

5:40-6:00	Webinar Registration/Zoom Course Opens
6:00-7:30	New evidence-based articles on best patient management for medically complex patients
7:30-9:15	CASE STUDY APPLICATIONS: CVP complex patient population

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Application has been made to the FL Physical Therapy Association for 10.5 continuing education contact hours.

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9 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.

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Webinar Dates and Times

March 12, 14 and 19, 2024

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

Registration is for all sessions. Zoom log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the first date of the webinar.



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WEBINAR: Management of Complex Cardiac and Pulmonary Disorders
Archana Vatwani, PT, DPT, EdD, MBA

March 12, 14 and 19, 2024

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