

# COLLABORATIVE CARE IMPROVING HEALTHCARE STANDARDS

**3rd Annual Critical Care Rehabilitation Virtual Conference**May 14th, 2022 | 8:00 AM – 5:00 PM | Hosted on: WebEx



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#### **Course Description**

A critically ill patient is at risk for significant deficits in their quality of life after a hospital ICU admission. These patients should be assessed, treated and monitored by skilled professionals with the highest levels of competency to achieve the highest level of activity they can physiologically tolerate whether ventilated or not.

In order to provide the advanced level of care, physical and occupational therapists and assistants need to have a clear understanding of their patient's medical needs as well as an understanding of the critical care environment. With this knowledge, therapists can effectively communicate with the other members of the critical care team and confidently apply clinical decision-making strategies to facilitate patient progress.

Our team at Henry Ford Hospital launched a successful early rehab intervention program in the ICU in 2015. We have created a standardized expansion process that has rolled out early rehab programs at Henry Ford's 4 other hospitals caring for patients in over 215 critical care ICU beds system wide.

In this 3rd annual conference, we offer expanded content with concurrent breakout sessions to include provision of care with various patient populations and to individualize your learning, as well as pre-conference recorded webinars.

#### Cost:

Pre-Conference Recorded Webinars ONLY (4.0 CEU)	\$75.00
Common ICU Medications - 1 hour	
Supplemental Oxygen: Advanced Devices - 1 hour	
Introduction to the Critical Care Environment, Lines and Monitoring Equipment - I hour	
Advanced Circulatory Support Devices - 1 hour	
<b>Student or Employee.</b> Must use hfhs.org or university email. One day Course (7.0 CEU) + Pre-conference recorded courses (up to 4.0 CEU)	\$150.00
Early Bird Registration Fees - One day Course (7.0 CEU) + Pre-conference recorded courses (up to 4.0 CEU) - Early bird ends 14 days prior.	
Regular Registration Fees - One day Course (7.0 CEU) + Pre-conference recorded courses (up to 4.0 CEU)	\$300.00

**CEUs:** This course meets the criteria for 11 contact hours/CEUs, as approved by the Michigan Physical Therapy Association (MPTA) and qualifies for NBCOT PDUs. CEULocker course number CEUL082842. (www.ptceulocker.com).

#### Who Should Attend

- Occupational Therapists
- Occupational Therapist Assistants
- Physical Therapists
- Physical Therapist Assistants



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#### **Course Objectives**

Upon completion of this course, participants will be able to:

- 1. Identify the factors that determine a critical care patient's readiness for participation in rehabilitation
- 2. Identify when the patient's clinical presentation or response to treatment indicates a need to modify or terminate treatment
- 3. Describe prevention and treatment techniques for cognition in critical care patients\*
- 4. Describe creative mobility interventions and functional outcome tools for patients in critical care\*
- 5. Describe the impact of early rehab for different patient populations
- 6. Describe considerations for therapeutic interventions in patients with advanced circulatory support devices\*
- 7. Describe considerations for therapeutic interventions in patients in neurological and neurosurgical populations\*
- 8. Discuss strategies for inter-professional collaboration with the medical teams to advocate for and develop early rehabilitation in the critical care population

#### **Agenda**

Pre-conference courses available (recorded webinars)	Common ICU Medications (60) Romina Bello, PT, DPT
	Supplemental Oxygen: Advanced Devices and Management of the Mechanically Ventilated Patient(60) Nanette Pfitzenmaier, PT, DPT CCS
	Introduction to the Critical Care Environment, Lines and Monitoring Equipment (60) Romina Bello, PT, DPT
	Advanced circulatory support devices (60) Nanette Pfitzenmaier, PT, DPT CCS
	APTA CSM 2022 Replay: Building an Early Rehab Program (free) Adele Myszenski, PT, DPT; Romina Bello, PT, DPT



<sup>\*</sup>objectives met based on breakout sessions the participant attends

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Saturday, May 14th				
8:00-8:30 (30)	Welcome and Introduction Patient Story Adele Myszenski, PT, DPT			
8:30-9:00 (30)	Preconference wrap-up What it means to have early rehab Adele Myszenski, PT, DPT			
9:00-12:00 (120)	Putting the pieces together: Clinical decision making for therapeutic readiness  Medical record review (60) Cognitive assessment (30) *Break* Application- modify or terminate treatment (30) Case scenarios (30) Romina Bello, PT, DPT; Kara Luplow, OTR/L			
(45)	Lunch Break			
12:45-1:00 (15)	Keynote: Patient Perspectives			
Breakout sessions	Choose one session:			
1:00-2:00 (60)	Getting Creative with Cognition: Intervention & Prevention in the ICU Justine Kenyon-Nitsch, OTR/L Kara Luplow, OTR/L	Creative Mobility Interventions & Functional Outcome Measures Nanette Pfitzenmaier, PT, DPT, CCS; Romina Bello, PT, DPT		
5	Break			
2:05-3:05 (60)	Early Rehab: What to Expect Among Patient Populations Romina Bello, PT, DPT; Nanette Pfitzenmaier, PT, DPT, CCS; Danielle Lupcke, OTR/L; Laura Porto, PT, DPT			
Breakout Sessions	Choose one session:			
3:05-3:50 (45)	Therapeutic Intervention for patients with Advanced Circulatory Support Devices Danielle Lupcke, OTR/L Nanette Pfitzenmaier, PT, DPT, CCS	Therapeutic Intervention for patients in Neuro Critical Care Laura Porto, PT, DPT Katelyn Gundry, MS, OTR/L		
3:50-4:30 (40)				
	Speakers available for additional questions			



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#### **Event Speakers**

Adele Myszenski, MPT is an experienced physical therapist, researcher, and rehab supervisor at Henry Ford Hospital. Adele's experience in performance and organizational management has led to the development of a clinical competency program for general and advanced practice in the hospital setting that is utilized by all four hospitals within our system and has been shared directly with over 200 hospitals across the country. In the past decade, she has led the transition to the EPIC electronic health record for Allied Health across the system, developed multiple novel pathway programs including what may be the first transcatheter aortic valve replacement (tAVR) clinical pathway and successfully launched an early rehab program that has included the addition of over 40 therapists and now provides PT and OT services within 12-24 hours of medical stability for over 180 intensive care unit beds at HFH and another 60 at our community hospitals. An accomplished speaker, she has provided sessions at APTA's CSM for 6 years, MPTA Fall conference and APTA State Forum, as well as webinars for PT.com, OT.com and PTLocker via MPTA. Current areas of research include: early rehabilitation in the critical care patient, transcatheter aortic valve replacement and the impact of PT and OT on patients with COVID-19 which is funded by a 2021 Foundation of PT Research Acute Care grant.

Danielle Lupcke, MS, OTR/L: Graduated from Grand Valley State University in 2007 with my Master of Science in Occupational Therapy. She has worked most of her 13 years as an Occupational Therapist in Acute Care at Henry Ford Hospital in Detroit, MI, with a focus on the Cardiopulmonary ICU. Currently she works with the Early rehab program with an emphasis on cardiac rehab, energy conservation and transition to life and active human occupation after cardiac event or surgery. Danielle's role has included rehab and hospital staff education on OT's roles and goals for cardiac and pulmonary patients, management of cardiac devices during therapy and tailoring treatment to the functional level of critically patients. She has participated in research including Implementation of an OT and PT pathway in transcatheter aortic valve replacement. With study publication in the Journal of Acute Care Physical Therapy in August 2020. She is currently a member of AOTA, a fieldwork educator and has presented webinars to the Michigan Occupational therapy association regarding Occupational Therapy in cardiac care.

Justine Kenyon-Nitsch, MS, OTR/L graduated from Western Michigan University in 2011 with her Master of Science in Occupational Therapy. For the past 10 years she has worked in the acute care setting at Henry Ford Hospital in Detroit—specifically the medical ICU. Justine was a co-developer of our early rehabilitation program which began in 2015 in our medical ICU. Throughout that time, she has participated in two research initiatives including the MICU Quality Improvement Study and the delirium research project. She has presented our Early Rehab program and research at the Johns Hopkins University Critical Care Rehab Conference, The Michigan Association for Respiratory Therapy Conference and the Michigan Occupational Therapy Association Conference. Justine was involved in designing and implementing a mobility walker for our critically ill patients and she currently leads the volunteer program in our ICU. Justine developed and implemented a



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group class for our long-term ICU patients to attend weekly incorporating games, activities and arts and crafts. Witnessing every day the negative effects ICU delirium has on patient function and ability to return to real life is why Justine is so passionate about what she does as an acute care OT.

Kara Luplow, OTR/L is a 2006 graduate of Saginaw Valley State University with her bachelor's of science degree in Occupational Therapy and has spent her career working at Henry Ford Hospital, a level 1 trauma center in Detroit, MI. She has worked exclusively with patients with a variety of critical illnesses in the medical and surgical ICU. She was instrumental in developing a thriving early rehab program with critically ill patients involving collaboration with PT, RN, nursing leadership, respiratory therapy, and physicians. She fosters interdisciplinary relationships by negotiation and consensus building to attain goals for all disciplines. She has led a research team to establish best practice techniques in regards to delirium. She has spent the last few years focusing her attention and efforts in promoting OT's involvement in identifying delirium and cognitive decline early in the hospital stay. Kara has presented professionally at MiOTA and Johns Hopkins conferences.

Katelyn Danielle Gundry, MS, OTR/L She graduated from Western Michigan University in 2014 with her Master of Science in Occupational Therapy. She has dedicated her entire career to acute care and had spent two years working directly in the MICU in the second phase roll out of the early rehab program at Hery Ford Hospital. She later transitioned to a member of the neurology/neurosurgical team working on the stroke and general practice units as well as assisting with the implementation of early rehab in the Neuro ICU. Katelyn is a validator for the stroke unit and is one of the primary occupational therapists in the Henry Ford ALS clinic. She also specializes in the neonatal intensive care unit and performs follow up developmental assessments for children ages 3mo-2year at Henry Ford's DAC clinic, and is a certified CPR instructor.

Laura Porto, PT, DPT has 12 years of experience working as a physical therapist, all of which has been spent working in acute care at Henry Ford Hospital in Detroit, Michigan. She primarily has experience working on the neuroscience team with neurology and neurosurgery patients on the general practice unit, stroke unit, and in the Neuro ICU. She has worked in the early rehab program in the Neuro ICU since the start of the program in 2018. Laura is an educator and validator for the stroke unit and one of the department educators for spinal cord injury. She is also the neuroscience mentor for the physical therapy acute care residency program at Henry Ford Hospital. She received her undergraduate degree in Sports & Exercise Science from The University of Akron in Akron, Ohio and went on to obtain her DPT at Gannon University in Erie, Pennsylvania



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Nanette Pfitzenmaier, PT, DPT, CCS has worked as a board-certified clinical specialist in cardiovascular and pulmonary physical therapy since 2016. She currently practices at Henry Ford Hospital in Detroit in the Medical and Cardiothoracic Intensive Care Units and serves as an Assistant Professor in the Wayne State University DPT program. Nanette has presented at the Michigan Physical Therapy Association's annual conferences and the American Physical Therapy Association's Combined Sections Meeting and provides guest lectures at several PT programs in the Midwest United States.

Romina Bello, DPT graduated with her Doctorate in Physical Therapy from Wayne State University in 2008. She has spent her career working at Henry Ford Hospital with a focus on Critical Care Rehab and Kidney, Liver and Multivisceral Transplants. She is the Critical Care Coordinator/ Clinical Lead for Henry Ford Hospital's Early Rehab Program, in which role she led the training of both experienced and newly competent ICU therapists in treating patients in the ICU under the guidelines of the Critical Care Early Rehab Program. During this training, she provided therapists with training on how to interpret a patient's critical care course and determine if they were medically appropriate for PT intervention. Romina developed inservices for the critical care nursing staff regarding the role of PT in an ICU and the importance of early rehabilitation for these patients. She has presented at the Johns Hopkins Critical Care Conference and at the Michigan Respiratory Therapy Conference. She provides education sessions to Medical ICU residents about the importance of Physical Therapy in the Acute Care Setting, particularly in a Critical Care Unit. She is a member of the APTA, including the Acute Care Section.



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## Reserve your spot!

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# Other courses available on henryford.com/acutecarerehab

The Role of Lab Values in clinical decision making and Patient Safety for the Acutely III Patient (2 CEU)

Adele Myszenski, PT, MPT

Supplemental Oxygen Part 1: Basic Devices and Titration (1 CEU)

Nanette Pfitzenmaier, PT, DPT, CCS

Foundations of Early Rehab: A Research Review (I CEU)

Adele Myszenski, PT MPT; Romina Bello, PT, DPT

