



DIVISION OF PULMONARY AND CRITICAL CARE MEDICINE AND
DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION
Present the

Sixth Annual: JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

This activity has been approved for AMA PRA Category 1 Credits™.

This conference is endorsed by the American Thoracic Society.



We help the world breathe®
PULMONARY • CRITICAL CARE • SLEEP



November 2-4, 2017

Thomas B. Turner Auditorium
Johns Hopkins
East Baltimore Medical Campus
Baltimore, Maryland



JOHNS HOPKINS
MEDICINE

COURSE DESCRIPTION

Interdisciplinary collaboration and coordination is vital to facilitate early mobility and rehabilitation in the intensive care unit (ICU) setting. A recent stakeholders' conference aimed at improving long-term outcomes for ICU survivors identified important 'silos' among critical care and rehabilitation clinicians working in the ICU, with these 'silos' acting as a barrier to collaboratively advancing the field and improving patient outcomes. While clinical trials support the benefits of early rehabilitation for mechanically ventilated patients, implementing these interventions requires creating a new ICU culture based on proactive rehabilitation and interdisciplinary collaboration between all critical care and rehabilitation clinicians. This course will bridge the interdisciplinary gap from research to clinical implementation at the bedside.

WHO SHOULD ATTEND

This activity is intended for physicians (critical care, pulmonologists, physiatrists, psychiatrists), physical therapists, occupational therapists, rehabilitation assistants, speech language pathologists, respiratory therapists, nurse practitioners, nurses, psychologists, physician assistants, and hospital administrators.

OBJECTIVES

After attending this activity, the participant will demonstrate the ability to:

- Appraise the evidence supporting early rehabilitation and mobility in critically ill adults and children.
- Describe and discuss how to change ICU and clinical practice to implement early rehabilitation programs for critically ill adults, children and infants using a quality improvement framework.
- Describe the management of ICU medications, devices (including mechanical ventilation and tracheostomy), and monitoring systems for rehabilitation of adult and pediatric ICU patients.
- Explain rehabilitation related assessments and interventions suitable for the adult and pediatric ICU, and acute care patients.
- Describe ICU mobility within the context of safe patient handling.
- Explain the principles of clinical decision making for safe and effective early rehabilitation in the ICU.
- Describe strategies to engage and improve critically ill patients' and their families' anxiety for activity and mobility.
- Explain the tenets and methods of a structured quality improvement process for developing and implementing an early rehabilitation program in adult and pediatric ICU, and the acute care setting.
- Describe the impact and challenges of ICU survivorship on patients and their families.
- Explain current practice and interdisciplinary roles of nursing, physical therapy, occupational therapy, speech language pathology, respiratory therapy and child life specialists in an adult and pediatric ICU rehabilitation program.
- Describe disease specific rehabilitation strategies for critically ill patients.
- Explain communication strategies for adult and pediatric ICU patients.
- Describe approach to feeding in neonatal and pediatric ICU populations.
- Describe the management of sedation and delirium for adult and pediatric patients to promote ICU mobility.

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 20.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OTHER CREDIT

American Nurses Credentialing Center (ANCC) accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

American Academy of Nurse Practitioners National Certification Program accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME. Physician assistants may receive a maximum of 20.75 AAPA Category 1 credits for completing this program.

The application for **American Occupational Therapy Association, Inc. (AOTA)** CEUs is currently pending approval.

Application has been made to the **American Association for Respiratory Care (AARC)** for continuing education contact hours for respiratory therapists.

The Johns Hopkins University has approved this activity for 20.75 **contact hours for non-physicians**.

EVALUATION AND OUTCOMES SURVEY

Post activity, an online evaluation form will be available to attendees to evaluate the activity and individual presentations and identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for printing.

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the learner's practice.

EMERGENCY CALLS

On November 2-4, 2017, direct emergency calls to the Hopkins registration desk, (410) 955-3673. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof.

Please notify us if you have any special needs.

Physical Therapy

The **New York State Education Department Office of the Professions** has approved Johns Hopkins University School of Medicine as a sponsor of continuing education for physical therapists and physical therapist assistants.

Applications for CE Credits are currently in process for the **Federation of State Boards of Physical Therapy (FSBPT)**, **Maryland Board of Physical Therapy**, **New Jersey State Board of Physical Therapy Examiners**, **Pennsylvania State Board of Physical Therapy** and the **Texas Physical Therapy Association**.

Psychologists

The Johns Hopkins University School of Medicine is authorized by the **Maryland State Board of Examiners of Psychologists** as a provider of continuing education. The Johns Hopkins University School of Medicine maintains responsibility for this program. A certificate for 20.75 CEUs will be awarded upon completion of this activity.

Professional Counselors and Therapists

This CE Program has been approved by the **Maryland Board of Professional Counselors and Therapists** for Category A CEUs.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

COMMERCIAL SUPPORT

The Johns Hopkins University School of Medicine did not solicit or receive commercial funding from any commercial entity, including pharmaceutical and medical device manufacturers, for this activity.

TO REGISTER or FOR FURTHER INFORMATION

Register Online <https://hopkinscme.cloud-cme.com>
Register by Phone (410) 502-9634
Register by Fax (866) 510-7088
Confirmation/Certificates/Transcript (410) 502-9634
General Information (410) 955-2959
E-mail the Office of CME cmenet@jhmi.edu

Follow us on Twitter: <http://twitter.com/HopkinsCME>

Facebook: <http://www.facebook.com/HopkinsCME>

Check out our mobile app CloudCME



Organization Code: HopkinsCME

For website and Cloud CME mobile app technical difficulties, email: cmetsupport@jhmi.edu

Sponsoring Department Website: www.hopkinsmedicine.org/OACIS

For general information, the direct link for this CME activity web page is:

<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=8079>

GENERAL INFORMATION

REGISTRATION

PRE-CONFERENCE: Thursday, November 2, 2017 – 7:00 a.m.

MAIN CONFERENCE: Friday, November 3, 2017 – 7:30 a.m.

LOCATION

Thomas B. Turner Building
Johns Hopkins University School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the Contact Us tab at <https://hopkinscme.cloud-cme.com>. Handicapped parking is available in the nearby Rutland Garage.

Johns Hopkins is smoke-free.

FEES

Please register early, space is limited.

REGISTRATION CUT-OFF DATE - OCTOBER 28, 2017

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. Early Bird registration is available for registrations received prior to 5:00 p.m. on June 30, 2017. The registration fee includes instructional materials, continental breakfast(s), refreshment breaks and lunches.

	Early Bird Pricing until June 30, 2017	Regular Pricing after July 1, 2017
Pre-Conference November 2 AM ONLY	\$110	\$140
Pre-Conference November 2 PM ONLY	\$110	\$140
Main Conference Adult ICU November 3-4	\$385	\$480
Main Conference Pediatric ICU November 3-4	\$385	\$480

You will receive a confirmation by e-mail. If you have not received it by October 28, 2017, call (410) 502-9634 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET on October 28, 2017. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by October 28, 2017. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

SYLLABUS

All registrants will receive a booklet with general information. In an effort to remain environmentally conscious, printed syllabi will not be available this year. The syllabus will be available through the Cloud CME app as well as online at <https://hopkinscme.cloud-cme.com> through the My CME section. A link to the e-syllabus will also be made available to all registrants prior to the conference.

HOTEL AND TRAVEL INFORMATION

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis at the following properties.

LORD BALTIMORE HOTEL

20 West Baltimore Street
Baltimore, Maryland 21201

Web Site: www.lordbaltimorehotel.com

(855) 539-1928

(410) 539-8400

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2017

The Lord Baltimore Hotel, a newly renovated historic hotel in the heart of Baltimore's business district, is connected to the Inner Harbor and Convention Center via skywalks, just two blocks from Oriole Park at Camden Yards. Make your reservation online at www.lordbaltimorehotel.com and use group code I611CRCARE or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference to receive the special group rate of \$119, single or double, plus tax. Overnight hotel guest parking is included in the room rate. The daily self-parking rate for guests not staying overnight is \$15 at 213 West Fayette Street. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

HILTON GARDEN INN BALTIMORE

625 South President Street
Baltimore, Maryland 21202

Web Site: www.baltimoreinnerharbor.stayhgi.com

(888) 429-7482

(410) 234-0065

FAX: (410) 234-0299

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2017

The Hilton Garden Inn Baltimore Inner Harbor, pleasantly situated in Harbor East, blends well with its fashionable surroundings and offers excellent accommodations within walking distance of downtown Baltimore. Make your reservation online at www.baltimoreinnerharbor.stayhgi.com and use group code CCR or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference to receive the special group rate of \$154, single or double, plus tax. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

DELTA HOTELS BALTIMORE INNER HARBOR

1 East Redwood Street
Baltimore, Maryland 21202

Web Site: deltahotelsbaltimore.com

(888) 236-2427

(410) 234-8950

FAX: (410) 234-8940

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2017

The all-new Delta Hotel in Baltimore's Inner Harbor is ideally located walking distance from Oriole Park at Camden Yards, M&T Bank Stadium, Baltimore Convention Center, American Visionary Art Museum and the National Aquarium. Make your reservation online at deltahotelsbaltimore.com or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference to receive the special group rate of \$159, deluxe king plus tax. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 11:00 a.m.

HYATT PLACE BALTIMORE/INNER HARBOR

511 South Central Avenue
Baltimore, Maryland 21202

Web Site: baltimoreinnerharbor.place.hyatt.com

(410) 558-1840

FAX: (410) 558-1831

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 13, 2017

Hyatt Place Baltimore/Inner Harbor offers a refreshing blend of style and innovation in a neighborhood alive with cultural attractions, shopping and amazing local restaurants. It is located close to everything you want to do, including museums, shops, restaurants and more. Make your reservation online at <https://baltimoreinnerharbor.place.hyatt.com/bwizhgocme2017.html> or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference to receive the special group rate of \$175.00, single or double. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 12:00 p.m.

TRANSPORTATION

For Lord Baltimore, Hilton Garden Inn and Delta Hotels, registrants are responsible to arrange their own transportation to and from the conference venue. For the Hyatt Place, the rate includes complimentary breakfast and round trip transportation to the Thomas B. Turner Auditorium.

THURSDAY, NOVEMBER 2, 2017

7:00 - 7:55 Registration for Pre-Conference and Continental Breakfast

Simultaneous morning tracks. Choose one.

MORNING TRACK 1**The Basics: Creating and Sustaining an Early Rehabilitation Program**8:10 - 8:15 Welcome and Opening Remarks
*Jennifer Zanni, PT, DScPT, CCS***SESSION I****Rationale and Evidence for Early Rehabilitation**8:15 - 8:35 ICU Acquired Weakness and Long Term Patient Outcomes
Ann Parker, MD
8:35 - 8:55 Overview of Sedation and Delirium Issues
Karin Neufeld, MD, MPH
8:55 - 9:15 The Evidence for Early Rehabilitation in the ICU
Ann Parker, MD
9:15 - 9:35 Culture Change to Promote Early Rehabilitation in the ICU
Jennifer Zanni, PT, DScPT, CCS
9:35 - 9:50 Role of Nursing
Sam Young, MS, RN
9:50 - 10:10 Questions and Answers
10:10 - 10:40 Coffee Break**SESSION 2****Implementing and Sustaining an ICU Rehabilitation Program**10:40 - 11:00 Role of Physical Therapy
Jessica Severn, PT, DPT
11:00 - 11:20 Role of Occupational Therapy
Kelly Casey, OTD, OTR/L, ATP
11:20 - 11:40 Role of Speech-Language Pathology
Therese Kling-Cole, MA, CCC-SLP
11:40 - 12:00 Role of Respiratory Therapy
Deadria Clarke, RRT
12:00 - 12:20 Questions and Answers
12:20 - 1:50 Lunch Break and Networking (Boxed Lunch Provided)**MORNING TRACK 2****Quality Improvement: Learning the Basics**8:10 - 8:15 Welcome and Opening Remarks
*Dale Needham, FCPA, MD, PhD***SESSION I****Tenets of Quality Improvement**8:15 - 8:35 The Value Equation, An Essential Consideration for Rehabilitation Quality Improvement (QI)
Michael Friedman, PT, MBA
8:35 - 8:55 General Background on QI and Knowledge Translation (KT): A Model for QI/KT Research
Dale Needham, FCPA, MD, PhD
8:55 - 9:15 Choosing a QI Topic - Choosing Your Question
Quincy Samus, PhD, MS
9:15 - 9:25 How to Review a Report of a QI/KT Project
Dale Needham, FCPA, MD, PhD
9:25 - 9:40 Case Studies in QI/KT
Dale Needham, FCPA, MD, PhD
9:40 - 9:55 Questions and Answers
9:55 - 10:25 Coffee Break**SESSION 2****Methods of Quality Improvement**10:25 - 10:40 Identifying Barriers and Facilitators to QI Interventions
Lisa Lubomski, PhD
10:40 - 10:55 Designing a QI Intervention
Quincy Samus, PhD, MS
10:55 - 11:20 Measurement and Data Quality in QI
Dale Needham, FCPA, MD, PhD
11:20 - 11:40 Qualitative and Mixed-Methods Approaches for QI
Michelle Eakin, PhD
11:40 - 12:05 Culture Change for the Implementation of QI
Melinda Sawyer, DrPH, MSN, RN, CNS-BC
12:05 - 12:20 Questions and Answers
12:20 - 1:50 Lunch Break and Networking (Boxed Lunch Provided)

Simultaneous afternoon tracks. Choose one.

AFTERNOON TRACK 1**Management of an ICU Patient: An Introduction for Rehabilitation Clinicians****SESSION I****Functional Assessment**1:50 - 2:25 Functional Assessment Measures
Amy Toonstra, PT, DPT, CCS and Annette Lavezza, OTR/L
2:25 - 2:40 Questions and Answers**SESSION 2****ICU Equipment and Strategies**2:40 - 3:05 Communication, Cognition and Delirium Assessment
Kelly Casey, OTD, OTR/L, ATP and Therese Kling-Cole, MA, CCC-SLP
3:05 - 3:30 Advancing Mobility Through Safe Patient Handling
Sowmya Kumble, PT, MPT, NCS
3:30 - 3:45 Questions and Answers
3:45 - 4:15 Coffee Break**SESSION 3****Medications, Cognition and Measures**4:15 - 4:40 Critical Care Medications
Amy Toonstra, PT, DPT, CCS
4:40 - 5:10 Understanding Mechanical Ventilation
Jennifer Zanni, PT, DScPT, CCS
5:10 - 5:35 Lines, Tubes, Drains and ICU Monitoring Systems
Amy Toonstra, PT, DPT, CCS
5:35 - 5:50 Safety Criteria for Mobilization of ICU Patients
Jennifer Zanni, PT, DScPT, CCS
5:50 - 6:00 Questions and Answers
6:00 - 6:05 Day 1 Wrap-Up
*Jennifer Zanni, PT, DScPT, CCS***AFTERNOON TRACK 2****Achieving a Culture of Mobility Through Activity and Mobility Promotion Across the Hospital****SESSION I****The Evidence and Environment to Support Activity and Mobility Promotion (AMP) in the Hospital**1:50 - 2:00 Introduction to the Johns Hopkins Activity and Mobility Promotion Hospital Bundle
Michael Friedman, PT, MBA
2:00 - 2:15 The Evidence for Activity and Mobility Promotion in the Hospital
Erik Hoyer, MD
2:15 - 2:30 Integrating the Value of Activity and Mobility Promotion Into Existing Hospital Initiatives
Michael Friedman, PT, MBA
2:30 - 2:45 Methods to Access Barriers to Activity and Mobility Promotion Implementation
Erik Hoyer, MD
2:45 - 2:55 Questions and Answers**SESSION 2****Functional Outcome Measures for Activity and Mobility Promotion**2:55 - 3:15 Functional Measures Background and Tool Selection
Michael Friedman, PT, MBA
3:15 - 3:30 Training Staff to Use JH HLM and AMPAC
Annette Lavezza, OTR/L
3:30 - 3:45 Integrating Functional Measures into the EMR and Report Design
Kelly Daley, PT, MBA
3:45 - 3:55 Questions and Answers
3:55 - 4:25 Coffee Break**SESSION 3****Implementation of the Activity and Mobility Promotion Toolkit**4:25 - 4:40 Expanding the Roles of Clinicians in Activity and Mobility Promotion
Annette Lavezza, OTR/L
4:40 - 5:00 Evaluate and Engage - Reinforcing Culture through Data
Erik Hoyer, MD
5:00 - 5:15 Use of Goal Calculator to Guide Patient Performance
Annette Lavezza, OTR/L
5:15 - 5:35 Alignment of Resources to Improve Patient Outcomes - Choosing Wisely
Michael Friedman, PT, MBA
5:35 - 5:45 Future Directions and Closing Remarks
5:45 - 5:55 Questions and Answers
5:55 - 6:05 Day 1 Wrap-up
Dale Needham, FCPA, MD, PhD

THURSDAY, NOVEMBER 2, 2017

7:00 - 7:55 Registration for Pre-Conference and Continental Breakfast

MORNING TRACK 3**Pediatric ICU: Basics of PICU Rehab (Part 1 of 2)**8:10 - 8:15 Welcome and Opening Remarks
*Sapna Kudchadkar, MD***SESSION I****Pediatric ICU Rehab: Using the Evidence Base to Get Started**

- 8:15 - 8:35 Pediatric ICU Rehab: Where We've Come and Where We're Headed
Sapna Kudchadkar, MD
- 8:35 - 8:50 Changing PICU Culture: Creating the Multidisciplinary ICU Rehab Team
Judy Ascenzi DNP, RN
- 8:50 - 9:20 Creating a Healing PICU Environment: Sedation, Sleep and Delirium Issues
Sean Barnes, MD, MBA and Meghan Shackelford, MSN, CRNP-AC
- 9:20 - 9:35 Starting a PICU Early Mobilization Program: Getting to "Yes"
Beth Wieczorek, DNP, CRNP
- 9:35 - 9:50 Implementation of PICU Early Mobilization Program: What Metrics Matter?
Sapna Kudchadkar, MD
- 9:50 - 10:05 Questions and Answers
- 10:05 - 10:35 Coffee Break

SESSION 2**Therapy Champions: The Key to Success in Rehab for Critically Ill Children**

- 10:35 - 10:50 Physical Therapy
Hallie Lenker, PT, DPT, STAR/C
- 10:50 - 11:10 Occupational Therapy
Yun Kim, MS, OTR/L
- 11:10 - 11:30 SLP Interventions
Jeannine Hoch, MA, CCC-SLP
- 11:30 - 11:45 Optimizing Therapy Care Using Static Resources
Julie Quinn, PT, MEd, PCS
- 11:45 - 12:00 Family Engagement: A Key Resource for ICU Rehab
Emily Carlton, CCLS and Sonya Dunsirn, OTD, OTR/L, CPST
- 12:00 - 12:20 Questions and Answers
- 12:20 - 1:50 Lunch Break and Networking (Boxed Lunch Provided)

Simultaneous morning tracks. Pick one.

AFTERNOON TRACK 3**Pediatric ICU: Basics of PICU Rehab (Part 2 of 2)****SESSION I****The Pediatric ICU Team: Translating Mobility Programs Into Practice**

- 1:50 - 2:15 PICU Nurses as Early Rehab Champions
Emily Warren, MSN, RN, CCRN
- 2:15 - 2:40 The Role of Child Life Specialist
Caroline Potter, MS, CCLS, CIMI and Emily Carlton, CCLS
- 2:40 - 3:10 Respiratory Therapy and Pediatric Mobility Programs
Krista Hajnik, BHSc, RRT
- 3:10 - 3:30 Questions and Answers
- 3:30 - 4:00 Coffee Break

SESSION 2**Nuts and Bolts: Key Logistical Issues in PICU Mobility**

- 4:00 - 4:15 Pediatric Lines, Tubes and Drains
Adelaide Bertram, BSN, RN, CCRN and Meghan Moore, PT, DPT, STAR/C
- 4:15 - 4:35 Critical Care Meds in Pediatrics
Sapna Kudchadkar, MD and Hallie Lenker, PT, DPT, STAR/C
- 4:35 - 4:50 Physiologic Monitoring and Pediatric Mobility
Colleen Carpenter, BSN, RN and Christy McKinney, PT, DPT
- 4:50 - 5:20 Case Studies in the PICU
Sapna Kudchadkar, MD
- 5:20 - 5:55 Questions and Answers
- 5:55 - 6:05 Day 1 Wrap-Up
Sapna Kudchadkar, MD

AFTERNOON TRACK 4**Behavioral Management and Strategies to Optimize Activity and Mobility**1:50 - 1:55 Welcome and Opening Remarks
*Megan Hosey, PhD***SESSION I****Improving Patient Motivation and Engagement for Activity and Mobility**

- 1:55 - 2:10 The Problem: Low Patient Engagement
Evan Smith, PhD
- 2:10 - 2:40 Background for Solution: Motivational Interviewing Interventions
Nicole Schechter, PsyD
- 2:40 - 3:00 Adapting Motivational Interviewing for Patients with Communication or Cognitive Impairments
Megan Hosey, PhD
- 3:00 - 3:30 Practicing the Solution: Motivational Interviewing via Small Group Simulations
Nicole Schechter, PsyD and Evan Smith, PhD
- 3:30 - 3:50 Questions and Answers
- 3:50 - 4:20 Coffee Break

SESSION 2**Improving Patient Anxiety for Activity and Mobility**

- 4:20 - 4:35 The Problem: Anxiety in Hospitalized Patients
Pegah Touradji, PhD
- 4:35 - 4:55 Background for Solution: Mindfulness and Cognitive Behavioral Therapy Techniques
Megan Hosey, PhD
- 4:55 - 5:15 Practicing the Solution: Mindfulness via Guided Independent Practice
Michael Williams, PhD
- 5:15 - 5:40 Practicing the Solution: Cognitive Behavioral Therapy Techniques via Small Group Simulations
Megan Hosey, PhD
- 5:40 - 6:00 Questions and Answers
- 6:00 - 6:05 Day 1 Wrap-Up
Megan Hosey, PhD

PROGRAM

FRIDAY, NOVEMBER 3, 2017

- 7:30 - 8:30 Registration for Main Conference, Continental Breakfast and Poster Viewing
- 8:30 - 8:45 Primer on Social Media
- 8:45 - 9:00 Welcome and Opening Remarks
Dale Needham, FCPA, MD, PhD

PATIENT AND FAMILY INTERVIEW

SESSION 1

A Patient and Family Perspective on Post-ICU Impairment and Recovery

- 9:00 - 9:25 Patient and Family Interview
- 9:25 - 9:40 Questions and Answers
- 9:40 - 10:20 Coffee Break

Simultaneous tracks. Choose one.

ADULT ICU CONTENT

SESSION 2

Recent Advances in Research and Practice

- 10:20 - 10:45 Long-Term Physical Outcomes for ICU Survivors
Dale Needham, FCPA, MD, PhD
- 10:45 - 11:05 PT Interventions in the ICU
Amy Toonstra, PT, DPT, CCS
- 11:05 - 11:25 SLP Interventions in the ICU
Therese Kling Cole, MA, CCC-SLP
- 11:25 - 11:45 OT Cognitive Interventions in the ICU
Kelly Casey, OTD, OTR/L, ATP
- 11:45 - 12:00 Questions and Answers
- 12:00 - 1:15 Poster Viewing and Networking (Boxed Lunch Provided)

SESSION 3

Recent Advances in Research and Practice II

- 1:15 - 1:35 Improving Outcomes of Patients with a Tracheostomy
Vinciya Pandian, PhD, MSN, RN, ACNP-BC
- 1:35 - 1:55 ICU Nurses as Early Rehabilitation Champions
Emily Warren, MSN, RN, CCRN
- 1:55 - 2:15 Cases in Clinical Decision Making for Mobilizing the Critically Ill Patients
Jennifer Zanni, PT, DScPT, CCS
- 2:15 - 2:35 Questions and Answers

SESSION 4

Psychological Considerations for ICU Rehabilitation

- 2:35 - 3:05 Recent Advances in Sedation and Delirium
Dale Needham, FCPA, MD, PhD
- 3:05 - 3:25 Rehabilitation Psychology: Case Studies
Megan Hosey, PhD
- 3:25 - 3:45 Questions and Answers
- 3:45 - 4:25 Coffee Break

SESSION 5

ABSTRACT PRESENTATIONS, PART I

- 4:25 - 5:55 Abstract Presentations and Questions and Answers
- 5:55 - 6:00 Main Conference Day 1 Wrap-up
Dale Needham, FCPA, MD, PhD
- 6:00 - 7:30 Social and Networking Event

PEDIATRIC ICU CONTENT

SESSION 2

What's New and Different in PICU Mobility

- 10:20 - 10:40 Long-Term Outcomes for Pediatric ICU Survivors: The PEDS Perspective
Sapna Kudchadkar, MD and Elizabeth Herrup, MD
- 10:40 - 10:55 Making Pediatric Mobility Fun: Strategies for Success
Joan Jung-D'Amico, OTR/L, CIMI, CPST, and Caroline Potter, MS, CCLS, CIMI
- 10:55 - 11:10 What Happens After the ICU? Keeping Mobilization Momentum
Jenn Foley, PT, DPT and Meghan Moore, PT, DPT, NCS, STAR/C
- 11:10 - 11:25 Taking the Next Step: Pediatric ECMO and Mobility
John Young, RRT and Jennifer Snider, MSN, CRNP
- 11:25 - 11:40 Augmentative and Assistive Communication in the PICU
Emily Warren, MSN, RN, CCRN and Yun Kim, MS, OTR/L
- 11:40 - 12:00 Questions and Answers
- 12:00 - 1:15 Poster Viewing and Networking (Boxed Lunch Provided)

SESSION 3

Disease Specific Considerations for PICU Mobility

- 1:15 - 1:35 Treating the Neurologically Compromised Patient in the PICU
Meghan Moore, PT, DPT, STAR/C and Emily Rogers, PT, DPT, STAR/C
- 1:35 - 1:50 Mobilizing the Oncology Patient in the PICU
Hallie Lenker, PT, DPT, STAR/C and Emily Rogers, PT, DPT, STAR/C
- 1:50 - 2:05 Therapy Considerations when Promoting Mobility with Patients with Compromised Cardiopulmonary Systems
Christy McKinney, PT, DPT and Sonya Dunsirn, OTD, OTR/L
- 2:05 - 2:20 Promoting Mobility for the Burn Patient in the PICU
Joan Jung D'Amico, OTR/L, CIMI, CPST and Kerry Vela, PT, DPT, PCS, CIMI, STAR/C
- 2:20 - 2:35 Questions and Answers

SESSION 4

Translating the PICU Experience to the Neonatal ICU

- 2:35 - 2:50 Advances in Research and Practice for PT and OT in the Pediatric and Neonatal ICU
Julie Quinn, PT, MEd, PCS and Kerry Vela, PT, DPT, PCS, CIMI, STAR/C
- 2:50 - 3:05 Defining Early Mobility in the Neonatal ICU
Julie Quinn PT, MEd, PCS
- 3:05 - 3:20 Neonatal ICU Specific Interventions
Kerry Vela, PT, DPT, PCS, CIMI, STAR/C and Sonya Dunsirn, OTD, OTR/L
- 3:20 - 3:35 Feeding Across the Age Spectrum
Yun Kim, MS, OTR/L and Jeannine Hoch, MA, CCC-SLP
- 3:35 - 3:45 Questions and Answers
- 3:45 - 4:25 Coffee Break

SESSION 5

ABSTRACT PRESENTATIONS, PART I

- 4:25 - 5:55 Abstract Presentations and Questions and Answers
- 5:55 - 6:00 Main Conference Day 1 Wrap-Up
Dale Needham, FCPA, MD, PhD
- 6:00 - 7:30 Social and Networking Event



SATURDAY, NOVEMBER 4, 2017

- 7:30 - 8:25 Continental Breakfast and Poster Viewing
 8:25 - 8:30 Welcome and Opening Remarks
Dale Needham, FCPA, MD, PhD

SESSION I

A Patient and Family Perspective and Engagement on Multidisciplinary ICU Rehabilitation

- 8:30 - 9:00 Patient and Family Interview
 9:00 - 9:30 Animal-Assisted Activity in the Hospital
Megan Hosey, PhD and Janice Jaskulski, MS, OTR/L
 9:30 - 9:50 Questions and Answers
 9:50 - 10:30 Coffee Break

SESSION 2

Workshops with Multi-disciplinary ICU Rehabilitation Experts

- 10:30 - 12:30 Workshop 1 - Culture Change to Advance Sedation, Delirium and Mobility Practice
Facilitator: Dale Needham, FCPA, MD, PhD
 Workshop 2 - Functional Measures and Leveraging the EMR
Facilitator: Michael Friedman, PT, MBA
 Workshop 3 - Neuropsychiatric Issues in the ICU and Beyond
Facilitator: Megan Hosey, PhD
 Workshop 4 - Rehabilitation Issues in a Pediatric ICU
Facilitators: Sapna Kudchadkar, MD and Julie Quinn, PT, MSED, PCS
 Workshop 5 - Rehabilitation Issues in Adult Surgical and Cardiac ICUs
Facilitator: Paul Ricard PT, DPT, CCS
 Workshop 6 - Rehabilitation Issues in an Adult Medical ICU
Facilitator: Jennifer Zanni, PT, DScPT, CCS
 Workshop 7 - Rehabilitation Issues in the Neuro ICU
Facilitator: Sowmya Kumble, PT, MPT, NCS
 12:30 - 1:45 Poster Viewing and Networking (Boxed Lunch Provided)

SESSION 3

ABSTRACT PRESENTATIONS, PART 2

- 1:45 - 3:15 Abstract Presentations and Questions and Answers

SESSION 4

Challenges and Implementation

- 3:15 - 3:35 Strategies for Functional Measurement
Michael Friedman, PT, MBA
 3:35 - 3:55 Technical and Adaptive Challenges in Overcoming Technical and Cultural Barriers
Melinda Sawyer, DrPH, MSN, RN, CNS-BC
 3:55 - 4:15 Engaging Hospital Leadership: Getting to "Yes"
Michael Friedman, PT, MBA and Dale Needham, FCPA, MD, PhD
 4:15 - 4:35 Questions and Answers
 4:35 - 4:45 Conference Wrap-Up
Dale Needham, FCPA, MD, PhD

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance. The registration desk will remain open during conference hours.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

This schedule is subject to change.

ACTIVITY DIRECTOR

Dale Needham, FCPA, MD, PhD
 Professor
 Division of Pulmonary and Critical Care Medicine
 Department of Physical Medicine and Rehabilitation
 Medical Director
 Critical Care Physical Medicine and Rehabilitation Program
 Johns Hopkins University School of Medicine

PLANNING COMMITTEE

Michael Friedman, PT, MBA
 Director of Rehabilitation
 Therapy Services
 The Johns Hopkins Hospital

Sapna Kudchadkar, MD
 Assistant Professor
 Department of Anesthesiology and Critical Care Medicine and Pediatrics
 Director, PICU Clinical Research Program
 Johns Hopkins University School of Medicine

JOHNS HOPKINS SPEAKERS

Judith Ascenzi, DNP, RN
 Nurse Manager

Sean Barnes, MD, MBA
 Clinical Fellow

Adelaide Bertram, BSN, RN, CCRN
 Nurse Clinician

Emily Carlton, CCLS
 Child Life Specialist

Colleen Carpenter, BSN, RN
 Nurse Clinician

Kelly Casey, OTD, OTR/L, ATP
 Clinical Specialist

Deadria Clarke, RRT
 Respiratory Therapist

Kelly Daley, PT, MBA
 Instructor

Sonya Dunsirn, OTD, OTR/L
 Occupational Therapist

Michelle Eakin, PhD
 Associate Professor

Jenn Foley, PT, DPT
 Physical Therapist

Krista Hajnik, BHSc, RRT
 Respiratory Care Practitioner

Elizabeth Herrup, MD
 Clinical Fellow

Megan Hosey, PhD
 Assistant Professor

Erik Hoyer, MD
 Assistant Professor

Janice Jaskulski, MS, OTR/L
 Occupational Therapist

Joan Jung-D'Amico, OTR/L, CIMI, CPST
 Occupational Therapist

Yun Kim, MS, OTR/L
 Occupational Therapist

Therese Kling-Cole, MA, CCC-SLP
 Speech Language Pathologist

Sowmya Kumble PT, MPT, NCS
 Physical Therapist

Hallie Lenker, PT, DPT, STAR/C
 Pediatric Rehabilitation
 Team Coordinator

Lisa Lubomski, PhD
 Assistant Professor

GUEST SPEAKERS

Jeanine Hoch, MA, CCC-SLP
 Physical Therapist
 VCU Health
 Richmond, Virginia

Annette Lavezza, OTR/L
 Therapy Manager
 Acute Care Therapy Consult Services
 The Johns Hopkins Hospital

Julie Quinn, PT, MSED, PCS
 Physical Therapist
 Pediatric Rehabilitation Team Leader
 The Johns Hopkins Hospital

Meghan Moore, PT, DPT, STAR/C
 Physical Therapist

Karin Neufeld, MD, MPH
 Associate Professor

Ann Parker, MD
 Instructor

Vinciya Pandian, PhD, MSN, RN, ACNP-BC
 Assistant Professor

Caroline Potter, MS, CCLS, CIMI
 Child Life Specialist

Paul Ricard, PT, DPT, CCS
 Physical Therapist

Emily Rogers, PT, DPT, STAR/C
 Physical Therapist

Quincy Samus, PhD, MS
 Associate Professor

Jessica Severn, PT, DPT
 Physical Therapist

Melinda Sawyer, DrPH, MSN, RN, CNS-BC
 Senior Clinical Quality and Innovation Coach

Nicole Schechter, PsyD
 Assistant Professor

Meghan Shackelford, MSN, CRNP-AC
 Nurse Practitioner

Evan Smith, PhD
 Research and Clinical Fellow

Jennifer Snider, MSN, CRNP
 Clinical Nurse Practitioner

Amy Toonstra, PT, DPT, CCS
 Physical Therapist

Pegah Touradj, PhD
 Assistant Professor

Kerry Vela, PT, DPT, PCS, CIMI, STAR/C
 Physical Therapist

Emily Warren, BSN, RN, CCRN
 Nurse Clinician

Beth Wiczorek, DNP, CRNP
 Nurse Practitioner

Michael Williams, PhD
 Research and Clinical Fellow

Sam Young, MS, RN
 Clinical Nurse Specialist

John Young, RRT
 Respiratory Therapist

Jennifer Zanni, PT, DScPT, CCS
 Physical Therapist

Christy McKinney, PT, DPT
 Clinical Specialist
 Texas Children's Hospital
 Houston, Texas

SIXTH ANNUAL JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 2-4, 2017

To Register: Online: https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=8079

By fax: (866) 510-7088 By phone: (410) 502-9634

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.

I am a Johns Hopkins speaker for this activity.

Primary Specialty:

- Nurse, Occupational Therapy, Physical Therapy, Physician, Psychology, Respiratory Therapy, Speech Language Pathology, Other: (Please Specify)

Please type or print clearly:

Form with fields: last name, first name, m.i., highest degree, Hopkins Faculty/Staff Only/JHED ID Number, For Physicians Only - NPI #, State License #, State of License, mailing address, city, state, ZIP + 4 code, country, daytime telephone, fax number, e-mail (required).

Check here if you wish to receive e-mail notices about upcoming CME activities.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

I plan to attend the Social and Networking event on Friday, November 3, 2017 from 6:00 - 7:30. (No added cost)

Please circle one registration option.

Table with pricing: Early Bird Pricing (Until June 30, 2017) vs Regular Pricing (After July 1, 2017) for Main Conference Adult ICU, Pediatric ICU, and Pre-Conference.

* If selecting Pre-Conference Only, you must select from the morning and afternoon tracks below.

Pre-Conference AM (Select Only ONE) - Early Bird Pricing / Regular Pricing

- Adult ICU: Creating and Sustaining an Early Rehab Program - \$110 / \$140
Pediatric ICU: Basics of PICU Rehab (Part 1 of 2) - \$110 / \$140
Quality Improvement: Learning the Basics - \$110 / \$140

Pre-Conference PM (Select Only ONE)

- Achieving a Culture of Mobility through Activity and Mobility Promotion across the Hospital - \$110 / \$140
Behavioral Management and Strategies to Optimize Patient Activity and Mobility - \$110 / \$140
Management of an ICU Patient: An Introduction for Rehab Clinicians - \$110 / \$140
Pediatric ICU: Basics of PICU Rehab (Part 2 of 2) - \$110 / \$140

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on October 28, 2017, include a \$50 late fee. On-site registrations are payable only by credit card.

On Saturday morning there will be seven different workshops.

Please select one workshop from the list below:

- Workshop 1 - Culture Change to Advance Sedation, Delirium and Mobility Practice
Workshop 2 - Functional Measures and Leveraging the EMR
Workshop 3 - Neuropsychiatric Issues in the ICU and Beyond
Workshop 4 - Rehabilitation Issues in a Pediatric ICU
Workshop 5 - Rehabilitation Issues in Adult Surgical and Cardiac ICUs
Workshop 6 - Rehabilitation Issues in an Adult Medical ICU
Workshop 7 - Rehabilitation Issues in the Neuro ICU

Total amount \$

Payment Type:

JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.

TR Form: http://benefits.jhu.edu/documents/trffacandstaff.pdf

ION Form: http://hopkinscme.edu/migration/IonRequest.pdf

e-Check: Routing Number Account Number

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card #

Expiration Date Billing Zip Code Security Code

Name on Card

Signature and Date