CONTINUING MEDICAL EDUCATION

Ninth Annual
JOHNS HOPKINS CRITICAL CARE
REHABILITATION CONFERENCE

November 5-7, 2020

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

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

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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 Physical Therapists, Occupational Therapists, Speech Language Pathologists, Respiratory Therapists, Psychiatsrists, ICU Physicians, Physician Assistants, Nurse Practitioners, Nurses, Psychologists, and Psychiatrists.

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 clinical practice to implement early rehabilitation programs.
• 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 adult and pediatric ICU and acute care patients.
• Describe strategies to engage critically ill patients and their families for activity and mobility, including communication and psychology-based strategies.
• Describe the impact and challenges of ICU survivorship on patients and their families, including Post-Intensive Care Syndrome (PICS) and care delivery in post-ICU critical care settings.
• Explain current practice and interdisciplinary roles of nursing, physical therapy, occupational therapy, speech language pathology, respiratory therapy, psychologists, and child life specialists in an adult and pediatric ICU rehabilitation program.
• Describe disease-specific rehabilitation strategies for critically ill patients.
• Describe an approach to feeding in 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 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 18.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

HOW TO OBTAIN CREDIT
Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to 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 print. The last day to access the evaluation and attest to your credits is November 25, 2020.

An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner’s practice.

PHYSICAL THERAPY
Applications for CE Credits are currently in process for:
• The New York State Education Department Office of the Professions
• The Maryland Board of Physical Therapy Examiners
• The New Jersey State Board of Physical Therapy Examiners
• The Texas Board of Physical Therapy Examiners
• The Physical Therapy Board of California
• The Connecticut State Department of Public Health
• The Florida Physical Therapy Association
• The Illinois Physical Therapy Association
• The Michigan Board of Physical Therapy
• The North Carolina Board of Physical Therapy Examiners
• The Ohio Physical Therapy Association
• The Pennsylvania State Board of Physical Therapy
• The Tennessee Department of Health Board of Physical Therapy
• The Virginia Department of Health Professionals Board of Physical Therapy
• The Washington State Department of Health

PSYCHIATRISTS
Applications for CE Credits are currently in process for the Maryland State Board of Examiners of Psychologists

PROFESSIONAL COUNSELORS AND THERAPISTS
Applications for CE Credits are currently in process for the Maryland Board of Professional Counselors and Therapists

OTHER CREDITS
• American Nurses Credentialing Center (ANCC) accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.
• American Academy of Nurse Practitioners National Certification Program accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.
• PAs may claim Category 1 credits for completing this activity. National Commission on Certification of Physician Assistants (NCCPA) accepts AMA PRA Category 1 Credits™ from organizations accredited by ACCME or a recognized state medical society.

Applications for CE Credits are currently in process for:
• The American Occupational Therapy Association (AOTA)
• The American Association of Respiratory Care (AARC)
• The American Speech-Language-Hearing Association (ASHA)
GENERAL INFORMATION

REGISTRATION
Foundations Courses/Pre-Conference: Thursday, November 5, 2020 • 7:00am
Main Conference: Friday, November 6, 2020 • 7:30am

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 HopkinsCME.cloud-cme.com. Handicapped parking is available in the nearby Rutland Garage.

Johns Hopkins is smoke-free.

FEES
Registration Cut Off Date: October 30th, 2020

Registration Online: hopkinscme.cloud-cme.com/default.aspx?P=0&EID=24982

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. ET on June 30, 2020. The registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

<table>
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<tr>
<th></th>
<th>Early Bird Pricing</th>
<th>Regular Pricing</th>
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<tr>
<td>Foundations Courses/</td>
<td>Until June 30, 2020</td>
<td>$245.00</td>
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<td>Pre-Conference</td>
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<td>Main Conference</td>
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<td>November 6-7, 2020</td>
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<td>Full Conference</td>
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<td>November 5-7, 2020</td>
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Late Fee and Refund Policy
A $50 late fee applies to registrations received after 5:00 p.m. ET October 30, 2020. 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 30, 2020. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS
The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity. A link to the e-syllabus will also be made available to all registrants prior to the conference. No printed syllabus will be provided.

SOCIAL EVENT
A complimentary reception for registrants and faculty will be held from 5:00p.m. – 6:30p.m. on Friday, November 6, 2020. Please indicate your attendance on the registration form.

TO REGISTER OR FOR FURTHER INFORMATION

Register online hopkinscme.cloud-cme.com/default.aspx?P=0&EID=24982

Register by Phone............................(410) 502-9636
Register by Fax...............................(866) 510-7088
Confirmation/Certificates/Transcripts...(410) 502-9636
General Information...................(410) 955-2959
E-mail the Office of CME..............cmenet@jhmi.edu

Follow us on Twitter: twitter.com/HopkinsCME
Facebook: facebook.com/HopkinsCME

CloudCME
Check out our mobile app CloudCME.
Organization Code: HopkinsCME

For website and CloudCME mobile app technical difficulties, email: cmetechsupport@jhmi.edu

For general information, please visit the activity webpage at hopkinscme.cloud-cme.com/default.aspx?P=0&EID=24982

You will receive a confirmation by e-mail. If you have not received it by October 30, 2020, call (410) 502-9636 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.
**HOTEL AND TRAVEL INFORMATION**

**DELTA HOTELS BALTIMORE INNER HARBOUR**

1 East Redwood Street  
Baltimore, Maryland 21202  

**Hotel Reservation Cut-Off Date:**  
October 5, 2020

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

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 [http://bit.ly/icurehab2020Delta](http://bit.ly/icurehab2020Delta) 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 **$149, single plus tax**. On-site parking is available at an additional charge. Check-in time is 4:00 p.m. Check-out time is 12:00 p.m.

Walking distance (1 block) from subway station that goes to the Johns Hopkins Medical Campus.

**Distance to Conference venue: 2 miles**

**HILTON GARDEN INN BALTIMORE - HARBOR EAST**

625 South President Street  
Baltimore, Maryland 21202  

**Hotel Reservation Cut-Off Date:**  
October 5, 2020

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

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 [http://bit.ly/icurehab2020Hilton](http://bit.ly/icurehab2020Hilton) 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 **$139 for one bedroom king suite, 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.

**Distance to Conference venue: 1.5 miles**

**LORD BALTIMORE HOTEL**

20 West Baltimore Street  
Baltimore, Maryland 21201  

**Hotel Reservation Cut-Off Date:**  
October 5, 2020

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

The Lord Baltimore Hotel is a newly renovated historic hotel in the heart of Baltimore’s business district just two blocks from Oriole Park at Camden Yards. Make your reservation online at [http://bit.ly/icurehab2020LordBaltimore](http://bit.ly/icurehab2020LordBaltimore) 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, $139 triple plus tax, or $159 quadruple plus tax**. Parking is available to the Hotel guests at a cost of $33.00 plus 20% Baltimore City Tax per day for valet parking per night with in and out privileges. Self-Parking is available at $20.00 per day with no in and out privileges. The Hotels parking garage located 1.5 blocks from the hotel entrance at 213 W. Fayette Street. Check-in time is 4:00 p.m. Check-out time is 11:00 a.m.

Located across the street from subway station that goes to the Johns Hopkins Medical Campus.

**Distance to Conference venue: 2 miles**

**RESIDENCE INN BALTIMORE**

800 North Wolfe Street  
Baltimore, Maryland 21205  

**Hotel Reservation Cut-Off Date:**  
October 5, 2020

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

The Residence Inn Baltimore is located on the Johns Hopkins Medical Campus. Make your reservation at [http://bit.ly/icurehab2020ResidenceInn](http://bit.ly/icurehab2020ResidenceInn) or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference group to receive the special group rate of **$139 for one bedroom king suite, plus tax**. Valet parking is available at $33 per night. Check-in time is 4:00 p.m. Check-out time is 12:00 p.m.

**Distance to Conference venue: 0.1 miles**

**EMERGENCY CALLS**

On November 5-7, 2020 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.**

**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.

**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 that will identify and resolve conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.
Thursday, November 5, 2020

7:00 - 7:55  Registration for Foundation Courses/Pre-Conference & Continental Breakfast

**Simultaneous Tracks. Pick one.**

### Adult ICU Rehabilitation Foundations

- **8:10 - 8:15** Welcome and conference goals by Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM

**Session 1**

Rationale and Evidence for Early Rehabilitation

- **8:15 - 8:30** ICU-Acquired Weakness & Long-Term Physical Outcomes
  Dale Needham, FCPA, MD, PhD
- **8:30 - 8:50** Culture Change to Promote Early Rehabilitation in the ICU
  Jennifer Zanni, PT, DScPT, CCS
- **8:50 - 9:05** Safety Criteria for Mobilization of ICU Patients
  Jennifer Zanni, PT, DScPT, CCS
- **9:05 - 9:25** Evidence for Early Rehabilitation in the ICU
  Dale Needham, FCPA, MD, PhD
- **9:25 - 9:40** Overview of Sedation and Delirium in the ICU
  Karin Neufeld, MD, MPH
- **9:40 - 10:00** Cognition and Delirium: Assessment and Intervention
  Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM and Therese Kling-Cole, MA, CCC-SLP, BCS-S

- **10:00 - 10:20** Q&A
- **10:20 - 10:55** Poster Viewing and Coffee Break

**Session 2**

Implementing and Sustaining an ICU Rehabilitation Program

- **10:55 - 11:10** Role of Physical Therapy
  Kerry Lammers, PT, DPT, CCS, CCI
- **11:10 - 11:25** Role of Occupational Therapy
  Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM
- **11:25 - 11:40** Role of Speech-Language Pathology
  Therese Kling-Cole, MA, CCC-SLP, BCS-S
- **11:40 - 11:55** Role of Respiratory Therapy
  Deadria Clarke, RRT
- **11:55 - 12:10** Role of Nursing
  Sam Young, MS, RN

- **12:10 - 12:30** Q&A
- **12:30 - 2:00** Poster Viewing & Networking (Lunch provided)

**Session 3**

Specialized Assessment and Intervention

- **2:00 - 2:25** Integrated Therapy Care in the ICU
  Kelly Casey, OTD, BCPR; Therese Kling-Cole, MA, CCC-SLP; Deadria Clarke, RRT; Kerry Lammers PT, DPT
- **2:25 - 2:55** Functional Assessment Measures
  Annette Lavezza, OTR/L & Daniel Young, PT, DPT, PhD
- **2:55 - 3:20** Advancing Mobility Through Safe Patient Handling
  Danny Ludwig, PT, DPT, NCS

- **3:20 - 3:45** Q&A
- **3:45 - 4:15** Poster Viewing and Coffee Break

**Session 4**

Medical Interventions

- **4:15 - 4:35** Critical Care Medications
  Kerry Lammers PT, DPT, CCS, CCI
- **4:35 - 5:05** Understanding Mechanical Ventilation
  Jennifer Zanni, PT, DScPT, CCS
- **5:05 - 5:25** Lines, Tubes, Drains, and ICU Monitoring Systems
  Danny Ludwig, PT, DPT, NCS
- **5:25 - 5:45** Q&A
- **5:45 - 5:50** Day 1 wrap-up by Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM

### Pediatric ICU Rehabilitation Foundations

- **8:10 - 8:15** Welcome and conference goals by Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSeD, PCS

**Session 1**

Pediatric ICU Rehab: Using The Evidence Base to Get Started

- **8:15 - 8:35** Peds ICU Rehab: Where We’ve Come & Where We’re Headed
  Sapna Kudchadkar, MD, PhD
- **8:35 - 8:50** Changing PICU Culture: Creating the Multidisciplinary ICU Rehab Team
  Judith Ascenzi, DNP, RN
- **8:50 - 9:10** Optimizing Sedation in the PICU
  Meghan Shackelford, MSN, CRNP-AC
- **9:10 - 9:30** Creating a Healing PICU Environment: Sleep & Delirium Issues
  Sean Barnes, MD, MBA
- **9:30 - 9:50** Starting a PICU Early Mobilization Program: Getting to “Yes”
  Beth Wieczorek, DNP, CRNP
- **9:50 - 10:05** What Metrics Matter for PICU Early Mobility Program
  Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSeD, PCS

- **10:05 - 10:20** Q&A
- **10:20 - 10:55** Poster Viewing and Coffee Break

**Session 2**

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

- **10:55 - 11:25** The Collaborative Therapy Team: PT, OT, and SLP
  Hallie Lenker, PT, DPT; Yun Kim, MS, OTR/L;
  Yiola Senekkis-Florent, PhD, CCC-SLP
- **11:25 - 11:40** Starting an Augmentative & Assistive Communication Program
  Yun Kim, MS, OTR/L, and Emily Warren, MSN, RN, CCRN-K
- **11:40 - 11:55** Optimizing Therapy Care Using Static Resources
  Julie Quinn, PT, MSeD, PCS
- **11:55 - 12:10** Family Engagement: A Key Resource for ICU Rehab
  Emily Carlton, CCLS

- **12:10 - 12:30** Q&A
- **12:30 - 2:00** Poster Viewing and Networking (Lunch provided)

**Session 3**

The Pediatric ICU Team: Translating Mobility Programs Into Practice

- **2:00 - 2:20** Supporting Team Research in PICU Rehab
  Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSeD
- **2:20 - 2:40** PICU Nurses as Early Rehab Champions
  Emily Warren, MSN, RN, CCRN-K
- **2:40 - 2:55** The Role of Child Life Specialists
  Caroline Potter, MS, CCLS, CIMI and Emily Carlton, CCLS
- **2:55 - 3:10** Respiratory Therapy and Pediatric Mobility Programs
  Krista Hajnik, BHSc, RRT-NPS and Stephanie Hazen, BSc, RRT-NPS
- **3:10 - 3:30** Mobilizing the Complex Patient: Case Studies
  Meghan Moore PT, DPT, NCS and Amy Bayliss, MS, OTR/L

- **3:30 - 3:45** Q&A
- **3:45 - 4:15** Poster Viewing and Coffee Break

**Session 4**

Nuts and Bolts: Key Logistical Issues in PICU Mobility

- **4:15 - 4:35** Critical Care Meds in Pediatrics
  Sapna Kudchadkar, MD, PhD and Hallie Lenker, PT, DPT
- **4:35 - 4:55** Optimizing Mobility Using Equipment and Positioning Aids
  Hallie Lenker, PT, DPT
- **4:55 - 5:35** Case Studies: Putting it All Together
  Sapna Kudchadkar, MD, PhD

- **5:35 - 5:50** Q&A, Panel Discussion and Wrap-up
Thursday, November 5, 2020

7:00 - 7:55  Registration for Foundation Courses/Pre-Conference & Continental Breakfast

Simultaneous Tracks. Pick one.

### Session 1
**Rationale and Evidence Supporting Hospital Mobility**

- **Welcome and conference goals by Michael Friedman, PT, MBA**
- **The Rational for Developing Formal Hospital Mobility Programs**
  - Michael Friedman, PT, MBA
- **Designing, Conducting, & Sustaining Quality Improvement**
  - Dale Needham, FCPA, MD, PhD
- **The Evidence Supporting Hospital Mobility**
  - Erik Hoyer, MD
- **Q&A**

#### ICU Follow-Up Clinic Pre-Conference

- **Welcome and conference goals by Ann Parker, MD, PhD**

#### Session 1
**ICU Survivorship**

- **8:15 - 8:45**
  - **Patient Interview**
  - Tammy Eaton, MSN, RN, FNP-BC, ACHPN
- **8:45 - 9:00**
  - **Post-Intensive Care Syndrome (PICS)**
  - Ann Parker, MD
- **9:00 - 9:15**
  - **Patient Expectations for Recovery**
  - Alison Turnbull, DVM, MPH, PhD
- **9:15 - 9:35**
  - **Q&A**

#### Session 2
**Rationale and Palliative Care Considerations**

- **9:35 - 9:50**
  - **Rationale for ICU Follow-Up**
  - Carla Sevin, MD
- **9:50 - 10:05**
  - **Role of Palliative Care in ICU Follow-Up**
  - Tammy Eaton, MSN, RN, FNP-BC, ACHPN
- **10:05 - 10:20**
  - **Q&A**
- **10:20 - 10:50**
  - **Poster Viewing and Coffee Break**

#### Session 3
**Clinician Roles in ICU Follow-Up Clinics**

- **10:50 - 11:05**
  - **Role of Psychiatry**
  - O. Joseph Bienvenu, MD, PhD
- **11:05 - 11:20**
  - **Psychologist's Experience**
  - James Jackson, PsyD
- **11:20 - 11:35**
  - **Social Worker's Experience**
  - Cynthia Reynolds, LCSW, LCAC
- **11:35 - 11:50**
  - **Role of the Pharmacist**
  - Mike Kenedy, PharmD, BCPS, BCCCP
- **11:50 - 12:05**
  - **Role of Physiatry**
  - Miguel Escalón, MD, MPH, FAAPMR
- **12:05 - 12:30**
  - **Q&A**
- **12:30 - 2:00**
  - **Poster Viewing & Networking (Lunch provided)**

#### Session 4
**Clinician Roles and Experience in ICU Follow-up Clinics**

- **2:00 - 2:15**
  - **Role of Physical Therapy**
  - Jennifer Zanni, PT, DScPT, CCS
- **2:15 - 2:30**
  - **Occupational Therapist's Experience**
  - Maria Shoemaker, OTR/L
- **2:30 - 2:45**
  - **Role of Speech Language Pathology**
  - Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA
- **2:45 - 3:00**
  - **Challenges for Organizing a Follow-Up Clinic**
  - Brad Butcher, MD
- **3:00 - 3:20**
  - **The Indiana University Experience**
  - Babar Khan, MBBS
- **3:20 - 3:45**
  - **Q&A**
- **3:45 - 4:15**
  - **Poster Viewing and Coffee Break**

#### Session 5
**Experiences with ICU Follow-Up Clinics**

- **4:15 - 4:35**
  - **The Vanderbilt Experience**
  - Carla Sevin, MD
- **4:35 - 4:55**
  - **The University of Pittsburgh Experience**
  - Brad Butcher, MD
- **4:55 - 5:15**
  - **The Geisinger Experience**
  - Karen Kozick, MD, MA, FCCP, FACP
- **5:15 - 5:45**
  - **Panel Discussion and Q&A**
- **5:45 - 5:50**
  - **Day 1 Wrap-Up by Ann Parker, MD, PhD**

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**Session 1**
Combating the Hospital Immobility Harm Foundations

- **8:10 - 8:15**
  - **Welcome and conference goals by Michael Friedman, PT, MBA**

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**Session 2**
Inter-Disciplinary Functional Measurement in the Hospital

- **9:10 - 9:15**
  - **Functional Measurement Strategy**
  - Michael Friedman, PT, MBA
- **9:30 - 9:55**
  - **JH-HLM and AM-PAC Principles and Properties**
  - Daniel Young, PT, DPT, PhD
- **9:55 - 10:25**
  - **AM-PAC and JH-HLM Implementation**
  - Annette Lavezza, OTR/L

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**Session 3**
Clinician Workflows

- **10:25 - 10:30**
  - **Q&A**
- **10:30 - 10:55**
  - **Poster Viewing and Coffee Break**

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**Session 4**
Barriers

- **2:00 - 2:20**
  - **Assessing Barriers**
  - Jason Seltzer, PT, DPT and Eleni Flanigan, DNP, MBA, RN, NEA-BC
- **2:20 - 2:45**
  - **Addressing Barriers**
  - Ashley Pleiss, BS, RN
- **2:45 - 3:05**
  - **Integration - The Tension Between Mobility and Falls**
  - Sowmya Kumbele, PT, MPT, NCS
- **3:05 - 3:25**
  - **Patient Engagement: Overcoming Patient Refusals**
  - Nicole Schechter, PsyD, ABPP-RP

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**Session 5**
Evaluate and Execute

- **4:15 - 4:35**
  - **Sustainable Education and Training**
  - Ashley Pleiss, BS, RN
- **4:35 - 4:55**
  - **Using Data to Drive Culture and Accountability**
  - Michael Friedman, PT, MBA and Erik Hoyer, MD
- **4:55 - 5:15**
  - **Project Management and Sustainability**
  - Michelle Cvaich, MS
- **5:15 - 5:35**
  - **Implementation Tools and Resources**
  - Michael Friedman, PT, MBA

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**Q&A and Wrap-Up by Michael Friedman, PT, MBA**
Friday, November 6, 2020

Combined Adult and Pediatric Content

7:30 - 8:30 Registration for Conference, Continental Breakfast and Poster Viewing

Welcome and Opening Remarks

8:30 - 8:45 Primer on Social Media
8:45 - 9:00 Welcome by Dale Needham, FCPA, MD, PhD

Session 1
A Patient and Family Perspective

9:00 - 9:25 Patient & Family Interview
9:25 - 9:40 Q&A
9:40 - 10:15 Poster Viewing and Coffee Break

Simultaneous Tracks. Pick one.

**Adult ICU Rehabilitation**

**Session 2**
Recent Advances in Research and Practice for ICU Mobilization

10:15 - 10:35 Updates in ICU Rehabilitation
Dale Needham, FCPA, MD, PhD

Danny Ludwig, PT, DPT, NCS

10:55 - 11:15 ICU Nurses as Early Mobilization Champions
Elizabeth Zink, MS, RN, CCNS, CNRN

11:15 - 11:30 Q&A

11:30 - 12:45 Poster Viewing, Networking, & Animal-Assisted Therapy Session (Boxed Lunch provided)

**Session 3**
Recent Advances in Research and Practice for OT and SLP

12:45 - 1:05 OT Interventions in the ICU
Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM

1:05 - 1:25 Swallowing and Voice in the ICU
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA

1:25 - 1:45 Tracheostomy and Communication in the ICU
Therese Kling-Cole, MA, CCC-SLP, BCS-S

1:45 - 2:05 Q&A

**Session 4**
Psychological Considerations for ICU Rehabilitation

2:05 - 2:35 Recent Advances in Sedation and Delirium
Dale Needham, FCPA, MD, PhD

2:35 - 3:00 Rehabilitation Psychology in the ICU
Megan Hosey, PhD

3:00 - 3:20 Q&A

3:20 - 3:50 Poster Viewing & Coffee Break

**Pediatric ICU Rehabilitation**

**Session 2**
What's New and Different in PICU Mobility

10:15 - 10:30 Exploring the Landscape of PICU Rehabilitation: Insights from PARK-PICU
Sapna Kudchadkar, MD, PhD

10:30 - 10:50 Post-Intensive Care Syndrome in Pediatric ICU Survivors
Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSED, PCS

10:50 - 11:00 Taking the Next Step: Pediatric ECMO & Mobility
Jennifer Snider, MSN, CPNP-AC

11:00 - 11:15 Assessing ICU Acquired Weakness: The PICU Perspective
Katherine Denlinger, PT, DPT, PCS

11:15 - 11:30 Q&A

11:30 - 12:45 Poster Viewing, Networking, & Animal-Assisted Therapy Session (Boxed Lunch provided)

**Session 3**
Special Considerations for PICU Mobility

12:45 - 1:15 Treating the PICU Patient with Multi-System Injury
Meghan Moore, PT, DPT, NCS and Katherine Denlinger, PT, DPT, PCS

1:15 - 1:30 Facilitating Communication and Cognition in the ICU
Yiota Senekkis-Florent, PhD, CCC-SLP

1:30 - 1:45 The Nuts and Bolts of Trauma-Informed Care: Considerations in the PICU
Julie Quinn, PT, MSED, PCS

1:45 - 2:05 Q&A

**Session 4**
The Critically Ill Infant & Toddler

2:05 - 2:30 Evidence-Based Approaches to Feeding & Swallowing
Yun Kim, MS, OTR/L and Yiota Senekkis-Florent, PhD, CCC-SLP

2:30 - 2:45 Mobilizing the Critically Ill Infant: What Does It Mean?
Emily Rogers, PT, DPT

2:45 - 3:05 Optimizing the Healing Environment to Foster Neuro Development
Yun Kim, MS, OTR/L and Kerry Vela, PT, DPT, PCS

3:05 - 3:20 Q&A

3:20 - 3:50 Poster Viewing & Coffee Break

Combined Adult and Pediatric Content

**Session 5**
Abstract Presentations, Part 1

3:50 - 4:50 Abstract Presentations and Q&A

4:50 - 5:00 Day 2 wrap-up by Dale Needham, FCPA, MD PhD

5:00 - 6:30 Social and Networking Event
Saturday, November 7, 2020

7:30 - 8:25  Continental Breakfast and Poster Viewing

Welcome and Opening Remarks
8:25 - 8:35  Social Media Update by Sapna Kudchadkar MD, PhD
8:35 - 8:40  Welcome by Dale Needham, FCPA, MD, PhD

Session 1
A Patient and Family Perspective
8:40 - 9:05  Patient & Family Interview
9:05 - 9:20  Q&A

Session 2
Next Steps for Post-Conference Success
9:20 - 9:35  Helpful Resources for ICU Rehabilitation
Dale Needham, FCPA, MD, PhD
9:35 - 9:40  Q&A
9:40 - 10:15  Poster Viewing & Coffee Break

Session 3
Workshops with Multi-Disciplinary ICU Rehabilitation Experts
10:15 - 12:15  Workshop 1 - Culture Change to Advance Sedation, Delirium and Mobility Practice
Facilitator: Dale Needham, FCPA, MD, PhD
Workshop 2 - Balancing Productivity and Innovative Therapist Practice
Facilitator: Michael Friedman, PT, MBA
Workshop 3 - Neuropsychiatric Issues in the ICU and Beyond
Facilitators: Megan Hosey, PhD
Workshop 4 - Rehabilitation Issues in a Pediatric ICU
Facilitators: Sapna Kudchadkar, MD, PhD 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: Stephanie Hiser, PT, DPT, CCS
Workshop 7 - Rehabilitation Issues in a Neuro ICU
Facilitator: Sowmya Kumble, PT, MPT, NCS
12:15 - 1:30  Poster Viewing and Networking (Boxed Lunch provided)

Session 4
Abstract Presentations, Part 2
1:30 - 2:30  Abstract Presentations and Q&A

Session 5
ICU Patients After the ICU
2:30 - 2:50  Activity and Mobility Promotion Throughout the Hospital
Michael Friedman, PT, MBA
2:50 - 3:10  Updates in ICU Survivorship
Dale Needham, FCPA, MD, PhD
3:10 - 3:30  Current State of Practice for Post-ICU Follow-Up Clinics
Carla Sevin, MD
3:30 - 3:45  Q&A
3:45 - 3:50  Conference Wrap-Up by Dale Needham, FCPA, MD, PhD

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  
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Medical Director, Critical Care Physical Medicine and Rehabilitation Program  
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Johns Hopkins University School of Medicine

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Pediatric Rehabilitation Team Leader  
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Deadra Clarke, RRT  
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Nurse Practitioner Manager

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Assistant Professor

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Nurse Practitioner

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Nurse Practitioner

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Nurse Practitioner

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Nurse Practitioner

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Nurse Practitioner

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Nurse Practitioner

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Nurse Practitioner

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Nurse Practitioner

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Clinical Nurse Specialist

Elizabeth Zink, MS, RN, CCNS, CNRN  
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Nurse Practitioner
GUEST SPEAKERS

Brad Butcher, MD
Assistant Professor
University of Pittsburgh Medical Center
Pittsburgh, PA

Tammy L. Eaton, MSN, RN, FNP-BC, ACHPN
Nurse Practitioner
Critical Illness Recovery Center
Pittsburgh, PA

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New York, NY

James Jackson, PsyD
Professor
Vanderbilt University
Nashville, TN

Michael Kenes, PharmD, BCPS, BCCCP
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University of Michigan
Ann Arbor, MI

Babar Khan, MBBS, MS
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Bloomington, IN

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Danville, PA

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Eskenazi Health
Indianapolis, IN

Carla Sevin, MD
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Vanderbilt University
Nashville, TN

Maria Shoemaker, OTR/L
Occupational Therapist
University of Pittsburgh Medical Center
Pittsburgh, PA
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Workshop Selections for Main Conference: Sat, Nov 7 (Select ONE)

☐ Not attending Main Conference on Fri, Nov 6 - Sat, Nov 7
☐ Workshop 1: Culture Change to Advance Sedation, Delirium, and Mobility Practice
☐ Workshop 2: Balancing Productivity and Innovative Therapist Practice
☐ 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 a Neuro ICU

☐ I plan to attend the social and networking event on Friday, November 6th from 5:00 - 6:00pm. (No added cost)