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
This conference is supported by the American Speech-Language-Hearing Association
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, Physiatrists, 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 18.75 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

PSYCHOLOGISTS
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>
<thead>
<tr>
<th>Event</th>
<th>Early Bird Pricing Until June 30, 2020</th>
<th>Regular Pricing July 1, 2020 and after</th>
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<tbody>
<tr>
<td>Foundations Courses/ Pre-Conference November 5, 2020</td>
<td>$245.00</td>
<td>$295.00</td>
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<tr>
<td>Main Conference November 6-7, 2020</td>
<td>$425.00</td>
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<tr>
<td>Full Conference November 5-7, 2020</td>
<td>$670.00</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 5:00 p.m. – 6:30 p.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

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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 HARBOR**

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 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 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, 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 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 19, 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 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 quad 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 at 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 am.

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 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**

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**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

**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 Lambers, 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 Aschenzi, 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; Yioti 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, CICIM 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**
8:15 - 8:45  The Rational for Developing Formal Hospital Mobility Programs  
Michael Friedman, PT, MBA
8:35 - 8:55  Designing, Conducting, & Sustaining Quality Improvement  
Dale Needham, FCPA, MD, PhD
8:55 - 9:10  The Evidence Supporting Hospital Mobility  
Erik Hoyer, MD

9:10 - 9:15  Q&A

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

### Session 2
**Inter-Disciplinary Functional Measurement in the Hospital**
9:15 - 9:30  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

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

### Session 3
**Clinician Workflows**
10:55 - 11:15  Johns Hopkins Daily Mobility Goal Calculator  
Lisa Klein, MSN, RN, AGNCS-BC, CRNP
11:15 - 11:30  Leveraging the Electronic Medical Record and Data Design  
Kelly N. Daley, PT, MBA
11:30 - 11:55  The Role of Nursing  
Eleni Flanagan, DNP, MBA, RN, NEA-BC
11:55 - 12:15  Engaging Rehabilitation: Targeting Resources  
Holly Russell, MS, OTR/L and John Probasco, MD

12:15 - 12:30  Q&A
12:30 - 2:00  Poster Viewing & Networking (Lunch provided)

### Session 4
**Barriers**
2:00 - 2:20  Assessing Barriers  
Jason Seltzer, PT, DPT and Eleni Flanagan, 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 Kumble, PT, MPT, NCS
3:05 - 3:25  Patient Engagement: Overcoming Patient Refusals  
Nicole Schechter, PsyD, ABPP-RP

3:25 - 3:45  Q&A
3:45 - 4:15  Poster Viewing and Coffee Break

### 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
5:35 - 5:50  Q&A and Wrap-Up by Michael Friedman, PT, MBA

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**ICU Follow-Up Clinic Pre-Conference**

8:10 - 8:15  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

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

### 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 Kennes, 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
Friday, November 6, 2020

**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

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

**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

**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.
SPEAKERS

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

PLANNING COMMITTEE
Michael Friedman, PT, MBA
Director of Strategic Program Development
Physical Medicine and Rehabilitation
The Johns Hopkins Hospital
Sapna Kudchadkar, MD, PhD
Associate Professor
Division of Pediatrics, Anesthesiology and Critical Care Medicine
Director, PICU Clinical Research Program
Johns Hopkins University School of Medicine
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

JOHNS HOPKINS SPEAKERS
Judith Ascenzi, DNP, RN
Director of Pediatric Nursing Program
Erik Hoyer, MD
Assistant Professor
Holly Russell, MS, OTR/L
Rehabilitation Team Leader
Sean Barnes, MD, MBA
Assistant Professor
Yun Kim, MS, OTR/L
Occupational Therapist
Nicole Schechter, PsyD, ABPP-RP
Assistant Professor
Amy Bayliss, MS, OTR/L
Occupational Therapist
Lisa Klein, MSN, RN, AGCNS-BC, CNRN
Clinical Nurse Specialist
Jason Seltzer, PT, DPT
Rehabilitation Team Coordinator
Q. Joseph Bienvenu, MD, PhD
Associate Professor
Therese Kling-Cole, MA, CCC-SLP
Speech Language Pathologist
Yiota Senekkis-Florent, PhD, CCC-SLP
Speech Language Pathologist
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA
Associate Professor
Sowmya Kumble, PT, MPT, NCS
Clinical Resource Analyst
Meghan Shackelford, MSN, CRNP-AC
Nurse Practitioner
Emily Carlton, CCLS
Child Life Specialist
Kerry Lammers, PT, DPT, CCS, CCI
Physical Therapist
Jennifer Snider, MSN, CPNP-AC
Senior Nurse Practitioner
Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM
Clinical Specialist
Hallie Lenker, PT, DPT
Rehabilitation Team Coordinator
Alison E. Turnbull, DVM, MPH, PhD
Assistant Professor
Deadra Clarke, RRT
Adult Respiratory Care Practitioner
Danny Ludwig, PT, DPT, NCS
Clinical Specialist
Kerry Vela, PT, DPT, PCS
Physical Therapist
Michelle Cvach, MS
Project Analyst
Meghan Moore, PT, DPT, NCS
Physical Therapist
Emily Warren, MSN, RN, CCRN-K
Nurse Manager
Kelly N Daley, PT, MBA
Clinical Informatics
Karin Neufeld, MD, MPH
Associate Professor
Beth Wieczorek, DNP, CRNP
Nurse Practitioner Manager
Katherine Denlinger, PT, DPT, PCS
Physical Therapist
Ann Parker, MD, PhD
Assistant Professor
Daniel Young, PT, DPT, PhD
Visiting Scientist
Eleni D. Flanagan, DNP, MBA, RN-BC
Assistant Director of Nursing
Ashley Pleiss, BS, RN
Lead Clinical Nurse
Sam Young, MS, RN
Clinical Nurse Specialist
Krista Hajnik, BHSc, RRT-NPS
Respiratory Care Clinical Specialist
Caroline Potter, MS, CCLS, CMI
Child Life Specialist
Jennifer Zanni, PT, DScPT, CCS
Physical Therapist
Stephanie Hazen, BSc, RRT-NPS
Respiratory Care Clinical Specialist
John Probasco, MD
Associate Professor
Elizabeth Zink, MS, RN, CCNS, CRNP
Clinical Nurse Specialist
Stephanie Hiser, PT, DPT, CCS
Physical Therapist
Paul Ricard, PT, DPT, CCS
Rehabilitation Team Coordinator
Megan Hosey, PhD
Assistant Professor
Emily Rogers, PT, DPT
Physical Therapist
SPEAKERS

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

Miguel Escalón, MD, MPH, FAAPMR
Associate Professor
Mount Sinai Health System
New York, NY

James Jackson, PsyD
Professor
Vanderbilt University
Nashville, TN

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

Babar Khan, MBBS, MS
Associate Professor
Indiana University
Bloomington, IN

Karen Korzick, MD, MA, FCCP, FACP
Medical Director of ICU Survivor Clinic
Geisinger Medical Center
Danville, PA

Cynthia L. Reynolds, LCSW, LCAC
Clinical Social Worker
Eskenazi Health
Indianapolis, IN

Carla Sevin, MD
Assistant Professor
Vanderbilt University
Nashville, TN

Maria Shoemaker, OTR/L
Occupational Therapist
University of Pittsburgh Medical Center
Pittsburgh, PA
REGISTRATION FORM

Ninth Annual Johns Hopkins Critical Care Rehabilitation Conference
November 5-7, 2020

To Register:
Online: http://hopkinscme.cloud-cme.com/default.aspx?P=0&EID=24982
Phone: (410) 502-9636 Fax: (866) 510-7088

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

FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

☐ I am a Johns Hopkins speaker for this activity

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Registration Fees:

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<th>Foundations Courses/Pre-Conference November 5, 2020</th>
<th>Early Bird Pricing Until June 30, 2020</th>
<th>Regular Pricing July 1, 2020 and after</th>
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| Main Conference November 6-7, 2020 | $425.00 | $495.00 |

| Full Conference November 5-7, 2020 | $670.00 | $790.00 |

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: benefits.jhu.edu/documents/trffacandstaff.pdf
☐ ION Form: hopkinscme.edu/migration/ionRequest.pdf

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☐ VISA ☐ MASTERCARD ☐ DISCOVER ☐ amEX
Card #_________________________ Exp. Date ____________ Billing Zip Code ____________ Security Code ____________
Name on Card________________________________________ Signature and Date________________________________________

Registration Type (Select ONE Only)

☐ Only Foundations Course/Pre-Conference (Thurs, Nov 5)
☐ Only Main Conference (Fri, Nov 6 - Sat, Nov 7)
☐ Full Conference (Thurs, Nov 5 - Sat, Nov 7)

Foundations Course/Pre-Conference: Thurs Nov 5 (Select ONE)

☐ Not attending Foundations Course/Pre-Conference on Thurs, Nov 5
☐ Adult ICU Rehabilitation Foundations Course
☐ Pediatric ICU Rehabilitation Foundations Course
☐ Combating the Hospital Immobility Harm Foundations Course
☐ ICU Follow-Up Clinic Pre-Conference

Main Conference Track: Fri Nov 6 - Sat Nov 7 (Select ONE Only)

☐ Not attending Main Conference on Fri, Nov 6 - Sat, Nov 7
☐ Adult ICU Rehabilitation Track
☐ Pediatric ICU Rehabilitation Track

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)