CONTINUING MEDICAL EDUCATION

Ninth Annual JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 5-7, 2020
(Exclusively Virtual/Online Format)
This conference is supported by the American Speech-Language-Hearing Association

This conference is sponsored by the Academy of Acute Care Physical Therapy

This conference is sponsored by the Cardiovascular and Pulmonary Section of the American Physical Therapy Association

This conference is endorsed by the American Thoracic Society
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.

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.

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.

COMMERCIAL SUPPORT
The Johns Hopkins 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 PRESENTER AND PROVIDER DISCLOSURE
It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins 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. For general information and speaker disclosure statements, please visit the activity webpage at: https://hopkinscme.cloud-cme.com/default.aspx?P=0&EId=24982

LOCATION
This Conference is entirely delivered in a virtual/online format.

You will receive further information on how to access online content closer to the conference date via email.

OBJECTIVES
After attending this activity, the learner 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.

AMERICANS WITH DISABILITIES ACT
The Johns Hopkins 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.
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 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 December 21, 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.

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.
- The Johns Hopkins University School of Medicine is an AOTA approved provider of continuing education. AOTA does not endorse specific course content, products, or clinical procedures. This activity has been approved for a maximum of 1.85 AOTA CEUs.
- American Speech-Language-Hearing Association (ASHA)This program is offered for up to 1.80 ASHA CEUs (Various level; Professional area)

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.
- The North Carolina Physical Therapy Association has approved this activity for 18.5 Contact Hours. Course Number: 20-005.
- The Virginia Board of Physical Therapy accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.
- The Tennessee Physical Therapy Association has approved this activity for 1.8 CEU's/18 contact hours of Class 1 Continuing Education from 11/05/2020 – 11/04/2021. APTA Tennessee approval number is 2020-107.
- The Illinois Chapter Continuing Education Committee has certified that this course meets the criteria for approval of Continuing Education offerings established by Illinois Physical Therapy Association.
- The course has been approved by the Maryland Board of Physical Therapy Examiners for 1.8 CEUs.
- New Jersey State Board of Physical Therapy Examiners: This course was approved for 18.75 continuing education credits. NJBPTE Course Approval Number: 2004-22.
- Your educational provider application for JOHNS HOPKINS SCHOOL OF MEDICINE has been approved by the Florida Board of Physical Therapy Practice.
- The Ohio Physical Therapy Association (OPTA) has approved the following course for 18.25 hours of continuing education in Ohio. Approval Number: 20S1190
- California: ACEND has approved Ninth Annual Johns Hopkins Critical Care Rehabilitation Conference for 1.87 CEUs. Approved Provider Identification Number: ACE2050-01.
- This activity has been approved by the Texas Board of Physical Therapy Examiners for 18.75 CCUs for PTs and PTAs. Course Approval 71989TX.

The following do not pre-approve CE courses. Licensees must self-report:
- Connecticut State Department of Public Health
- Michigan Board of Physical Therapy
- Washington State Department of Health

Applications for CE Credits are currently in process for:
- Pennsylvania State Board of Physical Therapy

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.

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

**Fees**

Registration Deadline: October 30, 2020


Methods of Payment: We require full payment prior to the start of the activity.

**Late Fee and Refund Policy**

The registration deadline is 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.

<table>
<thead>
<tr>
<th>Early Bird Pricing</th>
<th>Regular Pricing</th>
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<tr>
<td>Until Sep 30, 2020</td>
<td>After Oct 1, 2020</td>
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**ICU Follow-Up Clinics**

Pre-Conference November 5, 2020

- Early Bird Pricing: $245.00
- Regular Pricing: $295.00

**Pick 2 Foundations Courses**

November 5, 2020

- Early Bird Pricing: $245.00
- Regular Pricing: $295.00

**Pick 1 Main Conference Track, AND 1 Foundations Course**

November 6-7, 2020

- Early Bird Pricing: $425.00
- Regular Pricing: $495.00

**All conference content: Pre-Conference, AND 3 Foundations Courses, AND 2 Main Conference Tracks**

November 5-7, 2020

- Early Bird Pricing: $670.00
- Regular Pricing: $790.00

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.

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**Payment and Registration Information**

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**TO REGISTER OR FOR FURTHER INFORMATION**

Register online


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

Check out our mobile app CloudCME.

Organization Code: HopkinsCME

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

For general information, please visit the activity webpage at: [hopkinscme.cloud-cme.com/default.aspx?P=0&EID=24982](https://hopkinscme.cloud-cme.com/default.aspx?P=0&EID=24982)
Simultaneous Tracks

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

8:10 - 8:15 Welcome and Conference Goals by Ann Parker, MD, PhD

**Session 1**

**ICU Survivior**

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, PhD

9:00 - 9:15 Patient Expectations for Recovery
Alison Turnbull, DVM, MPH, PhD

9:15 - 9:35 Question and Answer

**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 Question and Answer

10:20 - 10:50 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, BCPPS, BCCCP

11:50 - 12:05 Role of Physiatry
Miguel Escalón, MD, MPH, FAAPMR

12:05 - 12:30 Question and Answer

12:30 - 2:00 Break

**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
Marla Shoemaker, OTR/L

2:30 - 2:45 Role of Speech Language Pathology
Martin Brodsky, PhD, SLP, 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 Question and Answer

3:45 - 4:15 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 Korzick, MD, MA, FCCP, FACP

5:15 - 5:45 Panel Discussion and Question and Answer

5:45 - 5:50 Day 1 Wrap-Up by Ann Parker, MD, PhD

**Adult ICU Rehabilitation Foundations Course**

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 and 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 Question and Answer

10:20 - 10:55 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 Question and Answer

12:30 - 2:00 Break

**Session 3**

**Specialized Assessment and Intervention**

2:00 - 2:25 Integrated Therapy Care in the ICU
Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM; Therese Kling-Cole, MA, CCC-SLP, BCS-S; Deadria Clarke, RRT; Kerry Lammers PT, DPT

2:25 - 2:55 Functional Assessment Measures
Annette Lavezza, OTR/L and Daniel Young, PT, DPT, PhD

2:55 - 3:20 Advancing Mobility Through Safe Patient Handling
Danny Ludwig, PT, DPT, NCS

3:20 - 3:45 Question and Answer

3:45 - 4:15 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 Question and Answer

5:45 - 5:50 Day 1 Wrap-Up by Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM
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<thead>
<tr>
<th>Time</th>
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<td>Welcome and Conference Goals by Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSeD, PCS</td>
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<td><strong>Session 1</strong></td>
<td>Pediatric ICU Rehab: Using The Evidence Base to Get Started</td>
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<tr>
<td>8:15 - 8:35</td>
<td>Peds ICU Rehab: Where We've Come and Where We're Headed Sapna Kudchadkar, MD, PhD</td>
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<td>8:35 - 8:50</td>
<td>Changing PICU Culture: Creating the Multidisciplinary ICU Rehab Team Judith Ascenzi, DNP, RN</td>
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<td>8:50 - 9:10</td>
<td>Optimizing Sedation in the PICU Meghan Shackleford, MSN, CRNP-AC</td>
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<td>9:10 - 9:30</td>
<td>Creating a Healing PICU Environment: Sleep and Delirium Issues Sean Barnes, MD, MBA</td>
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<td>9:30 - 9:50</td>
<td>Starting a PICU Early Mobilization Program: Getting to “Yes” Beth Wieczorek, DNP, CRNP</td>
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<td>9:50 - 10:05</td>
<td>What Metrics Matter for PICU Early Mobility Program Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSeD, PCS</td>
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<tr>
<td>10:05 - 10:20</td>
<td>Question and Answer</td>
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<td>10:20 - 10:55</td>
<td>Break</td>
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<tr>
<td><strong>Session 2</strong></td>
<td>Therapy Champions: The Key to Success in Rehab for Critically Ill Children</td>
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<tr>
<td>10:55 - 11:25</td>
<td>The Collaborative Therapy Team: PT, OT, and SLP Hallie Lenker, PT, DPT; Yun Kim, MS, OTR/L; Yiota Senekis-Florent, PhD, CCC-SLP</td>
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<tr>
<td>11:25 - 11:40</td>
<td>Starting an Augmentative and Assistive Communication Program Yun Kim, MS, OTR/L and Emily Warren, MSN, RN, CCRN-K</td>
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<td>11:40 - 11:55</td>
<td>Optimizing Therapy Care Using Static Resources Julie Quinn, PT, MSeD, PCS</td>
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<td>11:55 - 12:10</td>
<td>Family Engagement: A Key Resource for ICU Rehab Emily Carlton, CCLS</td>
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<td>12:10 - 12:30</td>
<td>Question and Answer</td>
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<td>12:30 - 2:00</td>
<td>Break</td>
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<tr>
<td><strong>Session 3</strong></td>
<td>The Pediatric ICU Team: Translating Mobility Programs Into Practice</td>
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<tr>
<td>2:00 - 2:20</td>
<td>Supporting Team Research in PICU Rehab Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MSeD</td>
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<td>2:20 - 2:40</td>
<td>PICU Nurses as Early Rehab Champions Emily Warren, MSN, RN, CCRN-K</td>
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<td>2:40 - 2:55</td>
<td>The Role of Child Life Specialists Caroline Potter, MS, CCLS, CIMI</td>
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<td>2:55 - 3:10</td>
<td>Respiratory Therapy and Pediatric Mobility Programs Krista Hajnik, BHSc, RRT-NPS and Stephanie Hazen, BSc, RRT-NPS</td>
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<tr>
<td>3:10 - 3:30</td>
<td>Mobilizing the Complex Patient: Case Studies Meghan Moore PT, DPT, NCS and Amy Bayliss, MS, OTR/L</td>
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<tr>
<td>3:30 - 3:45</td>
<td>Question and Answer</td>
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<td>3:45 - 4:15</td>
<td>Break</td>
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<tr>
<td><strong>Session 4</strong></td>
<td>Nuts and Bolts: Key Logistical Issues in PICU Mobility</td>
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<tr>
<td>4:15 - 4:35</td>
<td>Critical Care Meds in Pediatrics Sapna Kudchadkar, MD, PhD and Hallie Lenker, PT, DPT</td>
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<tr>
<td>4:35 - 4:55</td>
<td>Optimizing Mobility Using Equipment and Positioning Aids Hallie Lenker, PT, DPT and Julie Patterson, MSOT, OTR/L</td>
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<tr>
<td>4:55 - 5:35</td>
<td>Case Studies: Putting It All Together Sapna Kudchadkar, MD, PhD</td>
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<td>5:35 - 5:50</td>
<td>Question and Answer, Panel Discussion and Wrap-Up</td>
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<tr>
<td><strong>Session 5</strong></td>
<td>Evaluate and Execute</td>
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<td>4:15 - 4:35</td>
<td>Sustainable Education and Training Ashley Pleiss, BS, RN</td>
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<td>4:35 - 4:55</td>
<td>Using Data to Drive Culture and Accountability Michael Friedman, PT, MBA and Erik Hoyer, MD</td>
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<td>4:55 - 5:15</td>
<td>Project Management and Sustainability Michelle Cvach, MS</td>
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<td>5:15 - 5:35</td>
<td>Implementation Tools and Resources Michael Friedman, PT, MBA</td>
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<td>5:35 - 5:50</td>
<td>Question and Answer &amp; Wrap-Up by Michael Friedman, PT, MBA</td>
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## Friday, November 6, 2020

### Combined Adult and Pediatric Content

#### 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  Question and Answer
- 9:40 - 10:15  Break

### Simultaneous Tracks

#### Adult ICU Rehabilitation

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tr>
<td>10:15 - 10:35</td>
<td>Updates in ICU Rehabilitation</td>
<td>Dale Needham, FCPA, MD, PhD</td>
</tr>
<tr>
<td>10:35 - 10:55</td>
<td>Clinical Decision-Making for Safe Mobilization in the ICU</td>
<td>Danny Ludwig, PT, DPT, NCS</td>
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<td>10:55 - 11:15</td>
<td>ICU Nurses as Early Mobilization Champions</td>
<td>Elizabeth Zink, RN, MS, CCNS, CNRN</td>
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<td>11:15 - 11:30</td>
<td>Question and Answer</td>
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<td>11:30 - 12:45</td>
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#### Pediatric ICU Rehabilitation

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<tr>
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<td>What's New and Different in PICU Mobility</td>
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<tr>
<td>10:30 - 10:50</td>
<td>Exploring the Landscape of PICU Rehabilitation: Insights from PARK-PICU</td>
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<tr>
<td>10:50 - 11:00</td>
<td>Post-Intensive Care Syndrome in Pediatric ICU Survivors</td>
<td>Sapna Kudchadkar, MD, PhD</td>
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<tr>
<td>11:00 - 11:15</td>
<td>Taking the Next Step: Pediatric ECMO &amp; Mobility</td>
<td>Jennifer Snider, MSN, CPNP-AC</td>
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<tr>
<td>11:15 - 11:30</td>
<td>Assessing ICU Acquired Weakness: The PICU Perspective</td>
<td>Katherine Denlinger, PT, DPT, PCS</td>
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<tr>
<td>11:30 - 12:45</td>
<td>Break</td>
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### Session 2
**Recent Advances in Research and Practice for ICU Mobilization**

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

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<tr>
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<tbody>
<tr>
<td>12:45 - 1:05</td>
<td>OT Interventions in the ICU</td>
<td>Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM</td>
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<tr>
<td>1:05 - 1:25</td>
<td>Swallowing and Voice in the ICU</td>
<td>Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA</td>
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<tr>
<td>1:25 - 1:45</td>
<td>Tracheostomy and Communication in the ICU</td>
<td>Therese Kling-Cole, MA, CCC-SLP, BCS-S</td>
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<td>1:45 - 2:05</td>
<td>Question and Answer</td>
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### Session 4
**Psychological Considerations for ICU Rehabilitation**

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<tr>
<td>2:05 - 2:35</td>
<td>Recent Advances in Sedation and Delirium</td>
<td>Dale Needham, FCPA, MD, PhD</td>
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<td>2:35 - 3:00</td>
<td>Rehabilitation Psychology in the ICU</td>
<td>Megan Hosey, PhD</td>
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<td>3:00 - 3:20</td>
<td>Question and Answer</td>
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<td>3:20 - 3:50</td>
<td>Break</td>
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### Session 5
**Abstract Presentations, Part 1**

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<tr>
<td>3:50 - 4:50</td>
<td>Abstract Presentations and Question and Answer</td>
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<tr>
<td>4:50 - 5:00</td>
<td>Day 2 wrap-Up by Dale Needham, FCPA, MD PhD</td>
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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  Question and Answer

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  Question and Answer
9:40 - 10:15 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, MEd, 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  Break

Session 4
Abstract Presentations, Part 2
1:30 - 2:30  Abstract Presentations and Question and Answer

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  Question and Answer
3:45 - 3:50  Conference Wrap-Up by Dale Needham, FCPA, MD, PhD

The Johns Hopkins 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 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 School of Medicine
- **Annette Lavezza, OTR/L**  
  Therapy Manager  
  Acute Care Therapy Consult Services  
  The Johns Hopkins Hospital
- **Julie Quinn, PT, MEd, PCS**  
  Physical Therapist  
  Pediatric Rehabilitation Team Leader  
  The Johns Hopkins Hospital

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

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

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

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

James Jackson, PsyD
Professor
Vanderbilt University
Nashville, Tennessee

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

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

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

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

Carla Sevin, MD
Assistant Professor
Vanderbilt University
Nashville, Tennessee

Maria Shoemaker, OTR/L
Occupational Therapist
University of Pittsburgh Medical Center
Pittsburgh, Pennsylvania
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 School of Medicine, 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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<td>$245.00</td>
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| Pick 2 Foundations Courses November 5, 2020 | $245.00 | $295.00 |
| Pick 1 Main Conference Track, AND 1 Foundations Course November 6-7, 2020 | $425.00 | $495.00 |
| All conference content: Pre-Conference, AND 3 Foundations Courses, AND 2 Main Conference Tracks November 5-7, 2020 | $670.00 | $790.00 |

Registration Type (Select ONE Only)

- ICU Follow-Up Clinics Pre-Conference (Nov 5)
- Pick 2 Foundations Courses (Nov 5)
- Pick 1 Main Conference Track (Nov 6-7), AND 1 Foundations Course (Nov 5)
- All conference content: Pre-Conference, AND 3 Foundations Courses, AND 2 Main Conference Tracks

Foundations Course/Pre-Conference: Thurs, Nov 5

- 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

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: hr.jhu.edu/wp-content/uploads/2019/03/trffacandstaff.pdf
- ION Form: hopkinscme.edu/migration/IonRequest.pdf

- e-Check
- Routing Number
- Account Number

- Credit Card
- VISA
- MASTERCARD
- DISCOVER
- AMEX
- Card #____________- ____________- ____________-____________
- Exp. Date ________Billing Zip Code ____________Security Code____________
- Name on Card_____________________________________________________________
- Signature and Date________________________________________________________

Main Conference Track: Fri, Nov 6 - Sat Nov 7

- 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 Only)

- Not attending Main Conference on Fri, Nov 6 - Sat, Nov 7
- Workshop 1: Culture Change to Advance Sedation, Delirium, and Mobility Practice
- Workshop 3: Neuropsychiatric Issues in the ICU and Beyond
- 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