



*Division of Pulmonary & Critical Care Medicine and  
Department of Physical Medicine & Rehabilitation Presents...*

# **11<sup>th</sup> Annual JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE**

**Live Virtual Conference: Nov 2 - 5, 2022**

**Unlimited On-Demand Online Access: October 20 to December 19, 2022**

# GENERAL INFORMATION

## DESCRIPTION

Interdisciplinary collaboration and coordination is vital to facilitate early mobility and rehabilitation in the intensive care unit (ICU) setting. A 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 conference 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 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.

## LOCATION

**This conference is delivered in an entirely virtual/online format.**

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

## 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.

## 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.

## COPYRIGHT

All rights reserved - The Johns Hopkins School of Medicine. No part of this program may be used or reproduced in any manner whatsoever without written permission except in the case of brief quotations embodied in articles or reviews.

## INTERNET CME POLICY

The Office of Continuing Medical Education (OCME) at the Johns Hopkins School of Medicine is committed to protecting the privacy of its members and customers. Johns Hopkins School of Medicine OCME maintains its internet site as an information resource and service for physicians, other health professionals and the public. OCME at the Johns Hopkins School of Medicine will keep your personal and credit information confidential when you participate in a CME Internet based program. Your information will never be given to anyone outside of the Johns Hopkins School of Medicine CME program. CME collects only the information necessary to provide you with the services that you request.

## DISCLAIMER STATEMENT

The opinions and recommendations expressed by faculty and other experts whose input is included in this program are their own. This activity is produced for educational purposes only. Use of Johns Hopkins School of Medicine name implies review of educational format design and approach. Please review the complete prescribing information of specific drugs or combination of drugs, including indications, contraindications, warnings and adverse effects before administering pharmacologic therapy to patients.

# PROFESSIONAL ASSOCIATIONS



This conference is sponsored by APTA Acute Care, an Academy of the American Physical Therapy Association



This conference is sponsored by the Academy of Cardiovascular & Pulmonary Physical Therapy



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



This conference is endorsed by the American Thoracic Society



This conference is sponsored by the American Delirium Society

# ACCREDITATION AND CONTINUING EDUCATION INFORMATION

## 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 24.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## OTHER CREDITS

- **American Academy of Nurse Practitioners National Certification Program** accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.
- **American Nurses Credentialing Center (ANCC)** accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.
- **National Commission on Certification of Physician Assistants (NCCPA)** may claim a maximum of 24.25 Category 1 credits for completing this activity. NCCPA accepts AMA PRA Category 1 Credits™ from organizations accredited by ACCME or a recognized state medical society.
- **American Occupational Therapy Association, Inc. (AOTA)**  
The Johns Hopkins University School of Medicine is an AOTA Approved Provider of professional development. Course approval ID# 04937. This distance learning- Independent/ Interactive is offered at 2.4 CEUs Intermediate, OT Service Delivery/Foundation Knowledge.
- **American Speech-Language-Hearing Association (ASHA)**



Kennedy Krieger Institute

Various Level  
Up to 3.0 ASHA CEUs

## 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 19, 2022.**

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

- **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
- **Pennsylvania:** This activity has been pre-approved by the State Board of Physical Therapy.
- **The Virginia Board of Physical Therapy** accepts AMA PRA Category 1 Credits from organizations accredited by the ACCME.
- Johns Hopkins University School of Medicine is an approved provider of Continuing Competence Activities through the **APTA North Carolina**. Provider Number: 22-0511-022
- The **Tennessee Physical Therapy Association** has approved this activity for 2.4 CEUs/ 24.25 contact hours of Class 1 Continuing Education from May 9, 2022- May 8, 2023. APTA TN Approval number **#2022-120**
- The Illinois Chapter Continuing Education Committee has certified that this course meets the criteria for approval of Continuing Education offerings established by **The Illinois Physical Therapy Association**. Approved CE Hours: 24
- The Eleventh Annual Johns Hopkins Critical Care Rehabilitation Conference for Johns Hopkins School of Medicine for **Florida Board of Physical Therapy Practice** professionals has been registered. **CE Broker Tracking #: 20-920573**
- **New Jersey State Board of Physical Therapy Examiners:** This course was approved for 24.25 continuing education credits. NJBPTE Course Approval Number: 2205-05
- The **Ohio Physical Therapy Association (OPTA)** has approved this course for 19 hours. Approval number 22S2332. Effective Date: 11/2/2022 to 11/2/2023
- **California:** The 11th Annual Johns Hopkins Critical Care Conference has been approved by ACEND for 2.5 CEUs. Approved provider ID # ACE2250-01
- This activity has been approved by the **Texas Board of Physical Therapy Examiners** for 24.25 CCUs for PTs and PTAs. Approval Number is 76106TX.
- This course has been approved by the Maryland State Board of Physical Therapy Examiners for **2.42 CEUs**

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**

# PAYMENT AND REGISTRATION INFORMATION

Registration Deadline: **Oct. 27, 2022 at 5pm Eastern Time**

Register Online: <https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38620>

Registration Options	Early Bird Pricing Until June 30, 2022	Regular Pricing After June 30, 2022
<b>#1 Pre-Conference on Hospital-Wide Activity &amp; Mobility Promotion</b> <b>November 2, 2022</b> [Same Content as 2021 Conference]	<b>\$145.00</b>	<b>\$175.00</b>
<b>#2 ICU Rehab Foundations (Adult + Pediatric) + Pre-Conference (see #1 above)</b> <b>November 2-3, 2022</b> This is introductory material covering foundational topics in the field [Same Content as 2021 Conference]	<b>\$290.00</b>	<b>\$345.00</b>
<b>#3 ICU Rehab MAIN Conference (Adult + Pediatric)</b> <b>November 4-5, 2022</b> This 2-day MAIN conference is for repeat Conference attendees; it does not cover introductory material. First-time attendees should register for "All Conference Content" (see #4 below) <b>[All NEW content focused on latest updates since 2021]</b> <b>PREREQUISITE: Prior Attendance at Foundations Course</b>	<b>\$370.00</b>	<b>\$495.00</b>
<b>#4 All Conference Content (Adult + Pediatric)</b> <b>November 2-5, 2022</b> <b>(Pre-Conference, Foundations &amp; Main Conference)</b> (see #1, #2, #3 above)	<b>\$560.00</b>	<b>\$715.00</b>

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

The dates included in the pricing table above are in reference to the subsequent pages, which detail the agenda for our live virtual conference (November 2-5, 2022).

Please note, your registration will give you access to the live virtual conference, as well as unlimited, on-demand online access to all conference content from October 20, 2022 to December 19, 2022.

You will receive a confirmation by e-mail. If you have not received it by October 27, 2022, 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.

## LATE FEE AND REFUND POLICY

The cancellation deadline is October 27, 2022. A handling fee of \$25 will be deducted for cancellation. Refund requests must be received by fax or mail by October 27, 2022. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

## TO REGISTER OR FOR FURTHER INFORMATION

### Register online (Preferred):

<https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38620>

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](mailto:cmenet@jhmi.edu)

Follow us on Twitter: [twitter.com/HopkinsCME](https://twitter.com/HopkinsCME)  
 Facebook: [facebook.com/HopkinsCME](https://facebook.com/HopkinsCME)



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

For website and CloudCME mobile app technical difficulties,  
 email: [cmetechsupport@jhmi.edu](mailto:cmetechsupport@jhmi.edu)

For general information, please visit the activity webpage at:  
<https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38620>

# Wednesday, November 2, 2022

Content also available on-demand via online conference platform from Oct. 20 - Dec. 19, 2022

Note: All times displayed below are in reference to Eastern Daylight Time, USA. This is same time-zone as New York City.



## Pre-Conference on Hospital-Wide Activity & Mobility Promotion

### Welcome and Opening Remarks

9:10 - 9:15 **Welcome and Conference Goals** by Michael Friedman, PT, MBA

### Session 1

#### Rationale, Evidence & The JH-AMP 8 Step Framework

9:15 - 9:45 **Rationale, Evidence & The JH-AMP 8 Step Framework**  
Eleni D. Flanagan, DNP, MBA, RN-BC  
Michael Friedman, PT, MBA  
Annette Lavezza, OTR/L

### Session 2

#### Systematic Measurement & Daily Mobility Goal

9:45 - 10:35 **Systematic Measurement & Daily Mobility Goal**  
Eleni D. Flanagan, DNP, MBA, RN-BC  
Michael Friedman, PT, MBA  
Annette Lavezza, OTR/L

10:35 - 10:55 **Break**

10:55 - 11:35 **Discussion**

### Session 3

#### Barrier Mitigation & Interdisciplinary Roles

11:35 - 12:15 **Barrier Mitigation & Interdisciplinary Roles**  
Eleni D. Flanagan, DNP, MBA, RN-BC  
Michael Friedman, PT, MBA  
Annette Lavezza, OTR/L

12:15 - 12:45 **Discussion**

12:45 - 2:00 **Lunch**

### Session 4

#### Education, Workflow, Data Feedback, and Promotion

2:00 - 2:40 **Education, Workflow, Data Feedback, and Promotion**  
Eleni D. Flanagan, DNP, MBA, RN-BC  
Michael Friedman, PT, MBA  
Annette Lavezza, OTR/L

2:40 - 3:10 **Discussion**

3:10 - 3:30 **Break**

### Session 5

#### Design Workshop: Putting it all Together

3:30 - 4:30 **Implementation Plan and Timeline**  
Eleni D. Flanagan, DNP, MBA, RN-BC  
Michael Friedman, PT, MBA  
Annette Lavezza, OTR/L

4:30 - 4:45 **Review of Resources and Closing Remarks**

# Thursday, November 3, 2022

Content also available on-demand via online conference platform from Oct. 20 - Dec. 19, 2022

Note: All times displayed below are in reference to Eastern Daylight Time, USA. This is same time-zone as New York City.

## Simultaneous Tracks

### 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 Patient 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 and Networking Session for Pediatrics**  
Sapna Kudchadkar, MD, PhD & Hallie Lenker, PT, DPT

#### 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 - 1:30 **Lunch Break**

1:30 - 2:00 **Break and Networking Session for Nurses**  
Elizabeth Zink, PhD, MSN, RN

#### Session 3

##### *Specialized Assessment and Intervention*

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

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 and Networking Session for Speech-Language Pathologists**  
Nicole Frost, MA, CCC-SLP, BCS-S

#### 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**

### Pediatric ICU Rehabilitation Foundations Course

8:10 - 8:15 **Welcome and Conference Goals by Sapna Kudchadkar, MD, PhD and Hallie Lenker, PT, DPT**

#### Session 1

##### *Pediatric ICU Rehab: Using The Evidence Base to Get Started*

8:15 - 8:35 **Peds ICU Rehab: Where We've Come and 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 and Delirium Issues**  
Sean Barnes, MD, MBA

9:30 - 9:50 **Starting a PICU Early Mobilization Program**  
Beth Wieczorek, DNP, CRNP

9:50 - 10:05 **What Metrics Matter for PICU Early Mobility Program**  
Sapna Kudchadkar, MD, PhD and Julie Quinn, PT, MEd, PCS

10:05 - 10:20 **Question and Answer**

10:20 - 10:55 **Break and Networking Session for Pediatrics**  
Sapna Kudchadkar, MD, PhD & Hallie Lenker, PT, DPT

#### 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**  
Yiota Senekki-Florent, Ph.D., CCC-SLP, BCS-S; Yun Kim, MS, OTR/L;  
and Hallie Lenker, PT, DPT

11:25 - 11:40 **Starting an Augmentative and Assistive Communication Program**  
Yun Kim, MS, OTR/L and Emily Warren, MSN, RN, ACCNS-P, CCRN-K

11:40 - 11:55 **Optimizing Therapy Care Using Static Resources**  
Julie Quinn, PT, MEd, PCS

11:55 - 12:10 **Family Engagement: A Key Resource for ICU Rehab**  
Emily Carlton, CCLS

12:10 - 12:30 **Question and Answer**

12:30 - 1:30 **Lunch Break**

1:30 - 2:00 **Break and Networking Session for Nurses**  
Elizabeth Zink, PhD, MSN, RN

#### 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, MEd

2:20 - 2:40 **PICU Nurses as Early Rehab Champions**  
Emily Warren, MSN, RN, ACCNS-P, CCRN-K

2:40 - 2:55 **The Role of Child Life Specialists**  
Caroline Potter, MS, CCLS, CIMI

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**  
Amy Bayliss, MS, OTR/L and Meghan Moore, PT, DPT, NCS

3:30 - 3:45 **Question and Answer**

3:45 - 4:15 **Break and Networking Session for Speech-Language Pathologists**  
Nicole Frost, MA, CCC-SLP, BCS-S

#### 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 and Julie Patterson, MS, OTR/L

4:55 - 5:35 **Case Studies: Putting It All Together**  
Sapna Kudchadkar, MD, PhD

5:35 - 5:50 **Question and Answer, Panel Discussion and Wrap-Up by Sapna Kudchadkar, MD, PhD**

# Friday, November 4, 2022

## MAIN Conference All-new content, featuring the latest updates from 2021

Content also available on-demand via online conference platform from Oct. 20 - Dec. 19, 2022

Note: All times displayed below are in reference to Eastern Daylight Time, USA. This is same time-zone as New York City.

### Combined Adult and Pediatric Content

- 7:30 - 8:30 **Poster Viewing Session (Virtual)**  
*Welcome and Opening Remarks*
- 8:30 - 8:45 **Welcome by Dale Needham, FCPA, MD, PhD**
- 8:45 - 9:00 **Primer on Social Media by Sapna Kudchadkar, MD, PhD**

#### Session 1

- A Patient and Family Perspective*
- 9:00 - 9:25 **Pediatric Patient and Family Interview**
- 9:25 - 9:40 **Question and Answer**
- 9:40 - 10:15 **Break and Networking Session for Physical Therapists**  
Alexandra Hayman, PT

### Simultaneous Tracks

#### Adult ICU Rehabilitation

##### Session 2

*2021-2022 Advances in Research and Practice for ICU Mobilization*

- 10:15 - 10:35 **Latest Updates in ICU Rehabilitation**  
Dale Needham, FCPA, MD, PhD
- 10:35 - 10:55 **Recent Advances in Clinical Decision-Making for ICU Rehab**  
Danny Ludwig, PT, DPT, NCS
- 10:55 - 11:15 **ICU Nurses for Early Mobilization: Recent Updates**  
Elizabeth Zink, PhD, MSN, RN
- 11:15 - 11:30 **Question and Answer**
- 11:30 - 12:30 **Poster Viewing Session (Virtual)**
- 12:30 - 12:45 **Break**

##### Session 3

*OT and SLP in the ICU: Latest Updates Over 2021-2022*

- 12:45 - 1:00 **OT Functional Activity in the ICU: Latest Updates**  
Kelly Casey, OTD, OTR/L, BCPR, ATP
- 1:00 - 1:20 **Swallowing & Voice Interventions by SLP: Recent Advances**  
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA
- 1:20 - 1:35 **Recent Advances for OT Addressing Cognitive Impairment**  
Kelly Casey, OTD, OTR/L, BCPR, ATP
- 1:35 - 1:55 **Updates on SLP Interventions for Communication & Cognition in the ICU**  
Nicole Frost, MA, CCC-SLP, BCS-S
- 1:55 - 2:15 **Question and Answer**

##### Session 4

*Psychological Issues for ICU Rehab*

- 2:15 - 2:40 **Sedation & Delirium in the ICU: Updates from Past Year**  
Dale Needham, FCPA, MD, PhD
- 2:40 - 3:00 **Understanding Trauma Informed Care in the ICU Setting**  
Megan Hosey, PhD
- 3:00 - 3:15 **Question and Answer**
- 3:15 - 3:50 **Break and Networking Session for Occupational Therapy**  
Kelly Casey, OTD, OTR/L, BCPR, ATP

#### Pediatric ICU Rehabilitation

##### Session 2

*What's New and Different in PICU Mobility*

- 10:15 - 10:30 **Latest and Greatest in PICU Rehabilitation (Literature Update)**  
Sapna Kudchadkar, MD, PhD
- 10:30 - 10:50 **Post Intensive Care Syndrome in Pediatric ICU Survivors: What's New?**  
Sapna Kudchadkar, MD, PhD and Hallie Lenker, PT, DPT
- 10:50 - 11:00 **What's New in Pediatric ECMO and Mobility**  
Jennifer Snider, MSN, CPNP-AC
- 11:00 - 11:15 **Multidisciplinary Approach to Complex Critical Infants in the PICU**  
Kerry Vela, PT, DPT & Bethany Kirby, MS, CCC-SLP, BCS-S, CNT
- 11:15 - 11:30 **Question and Answer**
- 11:30 - 12:30 **Poster Viewing Session (Virtual)**
- 12:30 - 12:45 **Break**

##### Session 3

*Special Considerations for PICU Mobility*

- 12:45 - 1:15 **Facilitating Development in the Cardiac Infant**  
Kathryn Curley, MS, CCC-SLP; Julie Patterson, MS, OTRL, Heather Miller, PT, DPT
- 1:15 - 1:30 **Facilitating Communication with Trach and Vent patients**  
Kathryn Curley, MS, CCC-SLP; Stephanie Hazen, BSc, RRT-NPS
- 1:30 - 1:40 **Taking Play to the Next Level for Mobility in Pediatric Critical Care**  
Nilu Rahman, MS, CCLS; Caroline Potter, MS, CCLS, CIMI
- 1:40 - 1:50 **Pulmonary Interventions to Facilitate Mobility**  
Holly Loosen, PT
- 1:50 - 2:05 **Question and Answer**

##### Session 4

*The Critically Ill Infant and Toddler*

- 2:05 - 2:30 **Engaging Staff and Family for Early Mobility**  
Hallie Lenker, PT, DPT
- 2:30 - 2:45 **Using QI to Create Change for Early Mobility**  
Sarah Hodgson, MSOT, OTR/L, Julie Miller, PT, DPT
- 2:45 - 3:05 **Utilizing Simulation to Optimize and Promote Safe Early Mobility**  
Jessica LaRosa, MD
- 3:05 - 3:20 **Question and Answer**
- 3:20 - 3:50 **Break and Networking Session for Occupational Therapy**  
Kelly Casey, OTD, OTR/L, BCPR, ATP

### Combined Adult and Pediatric Content

#### Session 5

*Oral Abstract Presentations, Part 1*

- 3:50 - 4:50 **Abstract Presentations with Question and Answer**
- 4:50 - 5:00 **Day 2 Wrap-Up by Dale Needham, FCPA, MD, PhD**



# Saturday, November 5, 2022

**MAIN Conference All-new content, featuring the latest updates from 2021**

Content also available on-demand via online conference platform from Oct. 20 - Dec. 19, 2022

Note: All times displayed below are in reference to Eastern Daylight Time, USA. This is same time-zone as New York City.

## Combined Adult and Pediatric Content

### Welcome and Opening Remarks

- 8:25 - 8:30 **Welcome by Dale Needham, FCPA, MD, PhD**
- 8:30 - 8:40 **Social Media Update by Sapna Kudchadkar, MD, PhD**

### Session 1

#### A Patient Perspective

- 8:40 - 9:05 **Adult Patient 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 Six Simultaneous Workshops

- Workshop 1 Culture Change to Advance Sedation, Delirium, and Mobility Practice**  
Facilitator: Dale Needham, FCPA, MD, PhD
- Workshop 2 Neuropsychiatric Issues in the ICU and Beyond**  
Facilitator: Megan Hosey, PhD
- Workshop 3 Rehabilitation Issues in a Pediatric ICU**  
Facilitators: Sapna Kudchadkar, MD, PhD and Hallie Lenker, PT, DPT
- Workshop 4 Rehabilitation Issues in Adult Surgical and Cardiac ICUs**  
Facilitator: Paul Ricard, PT, DPT, CCS
- Workshop 5 Rehabilitation Issues in an Adult Medical ICU**  
Facilitator: Alexandra Hayman, PT, DPT
- Workshop 6 Rehabilitation Issues in a Neurological ICU**  
Facilitator: Sowmya Kumble, PT, MPT, NCS

- 12:15 - 1:15 **Poster Viewing Session Virtual**
- 1:15 - 1:30 **Break**

### Session 4

#### Oral Abstract Presentations, Part 2

- 1:30 - 2:30 **Abstract Presentations with 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 **Post-ICU Follow-Up Clinics**  
Ann Parker, MD, PhD
- 3:30 - 3:45 **Question and Answer**
- 3:45 - 3:50 **Conference Wrap-Up by Dale Needham, FCPA, MD, PhD**
- 3:50 **Adjourn - You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.**



## ACTIVITY DIRECTOR

### **Dale Needham, FCPA, MD, PhD**

Professor  
Division of Pulmonary and Critical Care Medicine  
Department of Physical Medicine and Rehabilitation  
Medical Director, Critical Care Physical Medicine and Rehabilitation Program  
Johns Hopkins 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**

Vice Chair for Pediatric Anesthesiology and  
Critical Care Medicine  
Director, PICU Clinical Research Program  
Johns Hopkins University School of Medicine

### **Annette Lavezza, OTR/L**

Director, Inpatient Therapy Services  
Physical Medicine and Rehabilitation  
The Johns Hopkins Hospital

### **Victor Dinglas, MPH**

Division of Pulmonary and  
Critical Care Medicine  
Johns Hopkins University School of Medicine

### **Hallie Lenker, PT, DPT**

Rehabilitation Team Coordinator  
Pediatrics  
The Johns Hopkins Hospital

### **Kelly Casey, OTD, OTR/L, BCPR, ATP**

Rehab Team Leader  
The Johns Hopkins Hospital

## JOHNS HOPKINS SPEAKERS

### **Judith Ascenzi, DNP, RN**

Director of Pediatric Nursing Program

### **Bethany Kirby, MS, CCC-SLP, BCS-S, CNT**

Speech-Language Pathologist

### **Yiota Senekkis-Florent, Ph.D., CCC-SLP, BCS-S**

Speech-Language Pathologist

### **Sean Barnes, MD, MBA**

Assistant Professor

### **Therese Kling-Cole, MA, CCC-SLP, BCS-S**

Speech-Language Pathologist

### **Meghan Shackelford, MSN, CRNP-AC**

Nurse Practitioner

### **Amy Bayliss, MS, OTR/L**

Occupational Therapist

### **Sowmya Kumble, PT, MPT, NCS**

Clinical Resource Analyst

### **Jennifer Snider, MSN, CPNP-AC**

Senior Nurse Practitioner

### **Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA**

Associate Professor

### **Jessica LaRosa, MD**

Assistant Professor

### **Kerry Vela, PT, DPT, PCS**

Physical Therapist

### **Emily Carlton, CCLS**

Child Life Specialist

### **Holly Loosen, PT**

Physical Therapist

### **Emily Warren, MSN, RN, ACCNS-P, CCRN-K**

Clinical Nurse Specialist

### **Kathryn Curley, MS, CCC-SLP**

Speech-Language Pathologist

### **Danny Ludwig, PT, DPT**

Clinical Specialist

### **Beth Wieczorek, DNP, CRNP**

Nurse Practitioner Manager

### **Eleni D. Flanagan, DNP, MBA, RN-BC**

Assistant Director of Nursing

### **Julie Miller, PT, DPT**

Physical Therapist

### **Sam Young, MS, RN**

Clinical Nurse Specialist

### **Nicole Frost, MA, CCC-SLP, BCS-S**

Rehab Team Leader

### **Heather Miller, PT, DPT, PCS**

Rehab Team Leader

### **Jennifer Zanni, PT, DScPT, CCS**

Physical Therapist

### **Krista Hajnik, BHSc, RRT-NPS**

Respiratory Care Clinical Specialist

### **Karin Neufeld, MD, MPH**

Professor; Psychiatry and Behavioral  
Sciences

### **Elizabeth Zink, PhD, MSN, RN**

Clinical Nurse Specialist

### **Alexandra Hayman, PT**

Clinical Specialist

### **Ann Parker, MD**

Assistant Professor

### **Stephanie Hazen, BSc, RRT-NPS**

Respiratory Care Clinical Specialist

### **Julie Patterson, MS, OTR/L**

Occupational Therapist

### **Sarah Hodgson, MS, OTR/L**

Occupational Therapist

### **Caroline Potter, MS, CCLS, CIMI**

Child Life Specialist

### **Megan Hosey, PhD**

Assistant Professor

### **Nilu Rahman, MS, CCLS**

Child Life Specialist

### **Paul Ricard, PT, DPT, CCS**

Rehabilitation Clinical Specialist

## GUEST SPEAKERS

**Yun Kim, MS, OTR/L**  
Occupational Therapist  
Montgomery County Public Schools  
Rockville, Maryland

**Kerry Lammers, PT, DPT, CCS, CCI**  
Rehab Services Manager  
The Ohio State University Wexner Medical Center  
Columbus, Ohio

**Meghan Moore, PT, DPT**  
Physical Therapist  
Colorado Children's Hospital  
Aurora, Colorado

**Julie Quinn, PT, MEd, PCS**  
Director of Rehabilitation  
Mt. Washington Pediatric Hospital  
Baltimore, Maryland

**Daniel Young, PT, DPT, PhD**  
Associate Professor  
University of Nevada  
Las Vegas, Nevada

**Deadria Clarke, RRT**  
Adult Respiratory Care Practitioner  
Northwest Hospital  
Baltimore, Maryland



# 11th Annual Johns Hopkins Critical Care Rehabilitation Conference

Live Virtual Conference: November 2-5, 2022  
 Unlimited On-Demand Online Access: Oct 20 to Dec 19, 2022

**To Register:**

**Online (Preferred) :** <https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38620>

**Phone:** (410) 502-9636 **Fax:** (866) 510-7088

Or mail this form to the M&T Bank Johns Hopkins University, Office of CME P.O. Box 64128, Baltimore, Maryland 21264-4128. Include e-check or credit card information below. **Must be postmarked prior to 10/27/2022.**

**FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.**

I am a Johns Hopkins speaker for this activity

Last name		First name		M.I.
Highest Degree		Primary Specialty		Hopkins Faculty/Staff Only - JHED ID
For Physicians Only	NPI 10 digit #	State License #	State of License	Expiration Date
Organization		Mailing Address		
City		State	Zip + 4 Code	Country
Daytime Telephone			Fax Number	
Email (required)				

**CONFERENCE FEES**

Registration Options	Early Bird Pricing Until June 30, 2022	Regular Pricing After June 30, 2022
<b>#1 Pre-Conference on Hospital-Wide Activity &amp; Mobility Promotion</b> <b>November 2, 2022</b> [Same Content as 2021 Conference]	\$145.00	\$175.00
<b>#2 ICU Rehab Foundations (Adult + Pediatric) + Pre-Conference (see #1 above)</b> <b>November 2-3, 2022</b> This is introductory material covering foundational topics in the field [Same Content as 2021 Conference]	\$290.00	\$345.00
<b>#3 ICU Rehab MAIN Conference (Adult + Pediatric)</b> <b>November 4-5, 2022</b> This 2-day MAIN conference is for repeat Conference attendees; it does not cover introductory material. First-time attendees should register for "All Conference Content" (see #4 below) <b>[All NEW content focused on latest updates since 2021]</b> <b>PREREQUISITE: Prior Attendance at Foundations Course</b>	\$370.00	\$495.00
<b>#4 All Conference Content (Adult + Pediatric)</b> <b>November 2-5, 2022</b> (Pre-Conference, Foundations & Main Conference) (see #1, #2, #3 above)	\$560.00	\$715.00

**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:** [hr.jhu.edu/wp-content/uploads/2019/03/trffacandstaff.pdf](http://hr.jhu.edu/wp-content/uploads/2019/03/trffacandstaff.pdf)
- ION Form:** [hopkinscme.edu/migration/ionRequest.pdf](http://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 \_\_\_\_\_

**Registration Type (Select ONE Only)**

- AMP Pre-Conference only (Nov 2)
- Foundations (Adult + Peds) + Pre-Conf (Nov 2-3)
- MAIN Conference (Adult + Peds) (Nov 4-5)
- All Conference Content (Nov 2-5):  
 Pre-Conference,  
 Foundations (Adult + Peds), AND  
 Main Conference (Adult + Peds)

**Workshop Selections for Main Conference: Sat. Nov 5 (Select ONE Only)**

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