



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

**10th Annual
JOHNS HOPKINS CRITICAL CARE
REHABILITATION CONFERENCE**

Live Virtual Conference: Nov 4 - 6, 2021

Unlimited On-Demand Online Access: Oct 21 to Dec 15, 2021



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

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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 Cardiovascular and Pulmonary Section of the American Physical Therapy Association



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

This conference is endorsed by the American Thoracic Society



AMERICAN
SPEECH-LANGUAGE-
HEARING
ASSOCIATION

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

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 18.50 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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
- **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 18.5.
- **The Tennessee Physical Therapy Association** has approved this activity for 1.85 CEUs/ 18.5 contact hours of Class 1 Continuing Education from 11/6/2021- 11/5/2022. APTA Tennessee approval number 2021-088.
- This activity has been approved by the **Texas Board of Physical Therapy Examiners** for 18.50 CCUs for PTs and PTAs
- This course has been approved by the **Maryland State Board of Physical Therapy Examiners** for 1.8 CEU's
- This CE Program has been approved by the **Maryland Board of Professional Counselors and Therapists** for Category A CEUs.
- Johns Hopkins University School of Medicine is an approved provider of Continuing Competence Activities through the **APTA North Carolina**. Provider Number: 21-0429-012
- This activity has been pre-approved by the **Pennsylvania State Board of Physical Therapy**.
- The **Virginia Board of Physical Therapy** accepts *AMA PRA Category 1 Credits* from organizations accredited by the ACCME.
- The **Ohio Physical Therapy Association (OPTA)** has approved this course for 19 hours. Approval number 21S1480. Effective Date: 11/4/2021 to 11/4/2022.
- The Tenth 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 #: 20-846308
- **California: ACEND** has approved 10th Annual Johns Hopkins Critical Care Rehabilitation Conference for 1.85 CEUs. Approved Provider Identification Number: ACE2150-01 www.acend.org

Applications for CE credits are currently in process for:

- **New Jersey State Board of Physical Therapy Examiners**

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**

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 18.50 Category 1 credits for for completing this activity. NCCPA accepts *AMA PRA Category 1 Credit* 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# 02519. This distance learning-Independent/Interactive is offered at 1.85 CEUs Intermediate, OT Service Delivery/Foundational Knowledge.
- **American Speech-Language-Hearing Association (ASHA)** The American Speech-Language-Hearing Association (ASHA)This program is offered for up to 1.85 ASHA CEUs (Various level; Professional area)



ASHA CE
APPROVED PROVIDER

Kennedy Krieger Institute

Various Level
Up to 1.85 ASHA CEUs

PSYCHOLOGISTS

The Johns Hopkins University School of Medicine is authorized by the **Maryland State Board of Examiners of Psychologists** as a provider of continuing education. The Johns Hopkins University School of Medicine maintains responsibility for this program. A certificate for 18.50 CEUs will be awarded upon completion of this activity.

PROFESSIONAL COUNSELORS AND THERAPISTS

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

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, 2021.**

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.

PAYMENT AND REGISTRATION INFORMATION

FEES

Registration Deadline: October 31, 2021 at 11:59pm EST

Registration Online:

hopkinscme.cloud-cme.com/default.aspx?P=0&EID=31964

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

TO REGISTER OR FOR FURTHER INFORMATION

Register online (Preferred):

hopkinscme.cloud-cme.com/default.aspx?P=0&EID=31964

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
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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=31964

CONFERENCE FEES

Registration Options	Early Bird Pricing Until June 30, 2021	Regular Pricing After June 30, 2021
All 3 Foundations Courses* (Identical to 2020 Conference) November 4, 2021	\$290.00	\$345.00
Adult ICU Rehab Main Conference (All New Content) November 5-6, 2021	\$370.00	\$495.00
Pediatric ICU Rehab Main Conference (All New Content) November 5-6, 2021	\$370.00	\$495.00
All Conference Content: 3 Foundations Courses, AND 2 Main Conference Tracks November 4-6, 2021	\$560.00	\$715.00

* Foundations Courses:

- 1) Adult ICU Rehabilitation Foundations
- 2) Pediatric ICU Rehabilitation Foundations
- 3) Combating the Hospital Immobility Harm Foundations

The dates included in the pricing table above are in reference to the subsequent pages, which detail the agenda for our live virtual Conference (Nov 4-6, 2021).

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 Oct 21 - Dec 15, 2021.

You will receive a confirmation by e-mail. If you have not received it by October 31, 2021, 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 30, 2021. A handling fee of \$25 will be deducted for cancellation. Refund requests must be received by fax or mail by October 30, 2021. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

Thursday, November 4, 2021

Content also available on-demand via online Conference platform from Oct. 21 - Dec. 15, 2021

Simultaneous Tracks

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

Adult ICU Rehabilitation Foundations Course

- 7:15 - 8:10 **Poster Viewing Session**
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**

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 **Poster Viewing Session**
1:30 - 2:00 **Break and Networking Session**

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-
and 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 and Networking Session**

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

- 7:15 - 8:10 **Poster Viewing Session**
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 Wiecek, 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**

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**
Yun Kim, MS, OTR/L; Hallie Lenker, PT, DPT; and
Yiota Senekis-Florent, PhD, CCC-SLP
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 **Poster Viewing Session**
1:30 - 2:00 **Break and Networking Session**

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**

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, MSOT, 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**

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



Combating the Hospital Immobility Harm Foundations Course

8:10 - 8:15 **Welcome and Conference Goals** by Michael Friedman, PT, MBA

Session 1

Rationale and Evidence Supporting Hospital Mobility

8:15 - 8:35 **The Rationale for Developing Formal Hospital Mobility Programs**
Michael Friedman, PT, MBA

8:35 - 8:55 **Designing, Conducting, and Sustaining Quality Improvement**
Dale Needham, FCPA, MD, PhD

8:55 - 9:10 **The Evidence Supporting Hospital Mobility**
Erik Hoyer, MD

9:10 - 9:15 **Question and Answer**

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 **Question and Answer**

10:30 - 10:55 **Break and Networking Session**

Session 3

Clinician Workflows

10:55 - 11:15 **Johns Hopkins Mobility Goal Calculator (JH-MGC)**
Lisa Klein, MSN, RN, AGCNS-BC, CNRN

11:15 - 11:30 **Data Design – From Bedside to Electronic Health Record**
Kelly Daley, PT, MBA

11:30 - 11:55 **The Role of Nursing**
Eleni Flanagan, DNP, MBA, RN-BC

11:55 - 12:15 **Role of Rehabilitation**
Annette Lavezza, OTR/L

12:15 - 12:30 **Question and Answer**

12:30 - 1:30 **Poster Viewing Session**

1:30 - 2:00 **Break and Networking Session**

Session 4

Barriers

2:00 - 2:20 **Assessing Barriers**

Jason Seltzer, PT, DPT and Eleni Flanagan, DNP, MBA, RN-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 **Question and Answer**

3:45 - 4:15 **Break and Networking Session**

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 Cvach, MS

5:15 - 5:35 **Implementation Tools and Resources**

Michael Friedman, PT, MBA

5:35 - 5:50 **Question and Answer and Wrap-Up** by Michael Friedman, PT, MBA

Friday, November 5, 2021

Content also available on-demand via online Conference platform from Oct. 21 - Dec. 15, 2021

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**

Simultaneous Tracks

Adult ICU Rehabilitation

Session 2

Recent Advances in Research and Practice for ICU Mobilization

- 10:15 - 10:35 **Updates in ICU Rehabilitation**
Dale Needham, FCPA, MD, PhD
- 10:35 - 10:55 **Clinical Decision-Making for Safe Mobilization in the ICU**
Danny Ludwig, PT, DPT, NCS
- 10:55 - 11:15 **ICU Nurses as Early Mobilization Champions**
Elizabeth Zink, RN, MS, CCNS, CNRN and
Deena Conti, MSN, RN-BC
- 11:15 - 11:30 **Question and Answer**
- 11:30 - 12:30 **Poster Viewing Session**
- 12:30 - 12:45 **Break**

Session 3

Recent Advances in Research and Practice for OT and SLP

- 12:45 - 1:15 **OT Interventions in the ICU**
Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM
- 1:15 - 1:45 **SLP Interventions in the ICU**
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA and
Nicole Frost, MA, CCC-SLP, BCS-S
- 1:45 - 2:05 **Question and Answer**

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 - 3:15 **Question and Answer**
- 3:15 - 3:50 **Break and Networking Session**

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 **MIS-C in the Pediatric Patient**
Sapna Kudchadkar, MD, PhD and Holly Loosen, PT
- 10:50 - 11:00 **Exploring Family Centered Care: An Interprofessional Approach**
Emily Johnson, MSN, RN, CPNP, PC/AC
- 11:00 - 11:15 **Assessing ICU Acquired Weakness: The PICU Perspective**
Katherine Denlinger, PT, DPT, PCS
- 11:15 - 11:30 **Question and Answer**
- 11:30 - 12:30 **Poster Viewing Session**
- 12:30 - 12:45 **Break**

Session 3

Special Considerations for PICU Mobility

- 12:45 - 1:15 **Treating the PICU Patient with a Newly Acquired Neurologic Injury**
Meghan Moore, PT, DPT, NCS and
Katherine Denlinger, PT, DPT, PCS
- 1:15 - 1:30 **Facilitating Communication and Cognition in the ICU**
Rachel Santiago, MS, CCC-SLP
- 1:30 - 1:40 **The Nuts and Bolts of Trauma-Informed Care: Considerations in the PICU**
Hallie Lenker, PT, DPT
- 1:40 - 1:50 **Pediatric ECMO and Mobility**
Jennifer Snider, MSN, CRNP-AC
- 1:50 - 2:05 **Question and Answer**

Session 4

The Critically Ill Infant and Toddler

- 2:05 - 2:30 **Evidence-Based Approaches to Feeding and Swallowing**
Yun Kim, MS, OTR/L and Yiota Senekkis-Florent, PhD, CCC-SLP
- 2:30 - 2:45 **Mobilizing the Chronically Critically Ill Patient**
Emily Rogers, PT, DPT, STAR/AC
- 2:45 - 3:05 **Performing Intensive Rehab on Critically Ill Infant**
Yun Kim, MS, OTR/L and Kerry Vela, PT, DPT, PCS
- 3:05 - 3:20 **Question and Answer**
- 3:20 - 3:50 **Break and Networking Session**

Combined Adult and Pediatric Content

Session 5

Abstract Presentations, Part 1

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

Saturday, November 6, 2021

Content also available on-demand via online Conference platform from Oct. 21 - Dec. 15, 2021

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 - 8:25 **Poster Viewing Session (Virtual)**

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 and Family Perspective

8:40 - 9:05 **Adult Patient and 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 Hallie Lenker, PT, DPT

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 - 1:15 **Poster Viewing Session**

1:15 - 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 **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.**



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.

ACTIVITY DIRECTOR

Dale Needham, FCPA, MD, PhD

Professor
Division of Pulmonary and Critical Care Medicine and 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

Annette Lavezza, OTR/L

Assistant Professor
Physical Medicine and Rehabilitation
Therapy Manager
The Johns Hopkins Hospital

Hallie Lenker, PT, DPT

Rehabilitation team Coordinator
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

Victor Dinglas, MPH

Department of Pulmonary and Critical Care Medicine
Johns Hopkins School of Medicine

JOHNS HOPKINS SPEAKERS

Judith Ascenzi, DNP, RN

Director of Pediatric Nursing Program

Megan Hosey, PhD

Assistant Professor

Paul Ricard, PT, DPT, CCS

Rehabilitation Team Coordinator

Sean Barnes, MD, MBA

Assistant Professor

Erik Hoyer, MD

Assistant Professor

Emily Rogers, PT, DPT, CPST

Physical Therapist

Amy Bayliss, MS, OTR/L

Occupational Therapist

Emily Johnson, MSN, RN, CPNP, PC/AC

Nurse Practitioner

Nicole Schechter, PsyD, ABPP-RP

Assistant Professor

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

Associate Professor

Yun Kim, MS, OTR/L

Occupational Therapist

Yiota Senekkis-Florent, PhD, CCC-SLP

Speech Language Pathologist

Emily Carlton, CCLS

Child Life Specialist

Lisa Klein, MSN, RN, AGCNS-BC, CNRN

Clinical Nurse Specialist

Jennifer Snider, MSN, CRNP-AC

Certified Pediatric Nurse Practitioner

Kelly Casey, OTD, OTR/L, BCPR, ATP, CPAM

Clinical Specialist

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

Speech Language Pathologist

Meghan Shackelford, MSN, CRNP-AC

Nurse Practitioner

Deadria Clarke, RRT

Adult Respiratory Care Practitioner

Sowmya Kumble, PT, MPT, NCS

Clinical Resource Analyst

Kerry Vela, PT, DPT, PCS

Physical Therapist

Deena Conti, MSN, RN-BC

Nurse Manager

Holly Loosen, PT

Physical Therapist

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

Nurse Manager

Michelle Cvach, MS

Operations Project Lead - Telemedicine

Danny Ludwig, PT, DPT, NCS

Clinical Specialist

Beth Wiczorek, DNP, CRNP

Nurse Practitioner Manager

Kelly Daley, PT, MBA

Clinical Informatics

Karin Neufeld, MD, MPH

Professor

Daniel Young, PT, DPT, PhD

Visiting Scientist

Katherine Denlinger, PT, DPT, PCS

Physical Therapist

Ann Parker, MD, PhD

Assistant Professor

Sam Young, MS, RN

Clinical Nurse Specialist

Eleni Flanagan, DNP, MBA, RN-BC

Assistant Director of Nursing

Julie Patterson, MSOT, OTR/L

Occupational Therapist II

Jennifer Zanni, PT, DScPT, CCS

Physical Therapist

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

Rehab Team Leader

Ashley Pleiss, BS, RN

Lead Clinical Nurse

Elizabeth Zink, RN, MS, CCNS, CNRN

Clinical Nurse Specialist

Krista Hajnik, BHSc, RRT-NPS

Respiratory Care Clinical Specialist

Caroline Potter, MS, CCLS, CIMI

Child Life Specialist

Stephanie Hazen, BSc, RRT-NPS

Respiratory Care Clinical Specialist

Stephanie Hiser, PT, DPT, CCS

Physical Therapist

GUEST SPEAKERS

Katherine Denlinger, PT, DPT

Pediatric Physical Therapist
Ann and Robert H. Lurie Children's Hospital of
Chicago
Chicago, Illinois

Rachel Santiago, MS, CCC-SLP

Speech-Language Pathologist and Clinical
Coordinator
Boston Children's Hospital
Boston, Massachusetts

Meghan Moore, PT, DPT, NCS

Physical Therapist
Colorado Children's Hospital
Aurora, Colorado

Julie Quinn, PT, MEd, PCS

Team Leader, Infants and Toddlers Program
Baltimore City Public Schools
Baltimore, Maryland

Jason Seltzer, PT, DPT

Therapy Services Manager
Shelving Arms Physical Rehabilitation Services
Richmond, Virginia

Kerry Lammers, PT, DPT, CCS, CCI

Clinical Specialist



10th Annual Johns Hopkins Critical Care Rehabilitation Conference

Live Virtual Conference: November 4-6, 2021
 Unlimited On-Demand Online Access: Oct 21 to Dec 15, 2021

To Register:

Online (Preferred): <http://hopkinscme.cloud-cme.com/default.aspx?P=0&EID=31964>

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 10/28/2021**

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, 2021	Regular Pricing After June 30, 2021
All 3 Foundations Courses* (Identical to 2020 Conference) November 4, 2021	\$290.00	\$345.00
Adult ICU Rehab Main Conference (All New Content) November 5-6, 2021	\$370.00	\$495.00
Pediatric ICU Rehab Main Conference (All New Content) November 5-6, 2021	\$370.00	\$495.00
All Conference Content: 3 Foundations Courses, AND 2 Main Conference Tracks November 4-6, 2021	\$560.00	\$715.00

* Foundations Courses:

- 1) Adult ICU Rehabilitation Foundations
- 2) Pediatric ICU Rehabilitation Foundations
- 3) Combating the Hospital Immobility Harm Foundations

Registration Type (Select ONE Only)

- All 3 Foundations Courses (Nov 4)
- Adult Main Conference (Nov 5-6)
- Pediatric Main Conference Track (Nov 5-6)
- All Conference Content (Nov 4-6):
3 Foundations Courses, AND
2 Main Conference Tracks

Workshop Selections for Main Conference: Sat. Nov 6 (Select ONE Only)

- 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

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

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 Account Number _____

Credit Card

VISA MASTERCARD DISCOVER AMEX
 Card # _____ - _____ - _____ - _____
 Exp. Date _____ Billing Zip Code _____ Security Code _____
 Name on Card _____
 Signature and Date _____