



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

**10<sup>th</sup> 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.

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## INTERNET CME POLICY

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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*<sup>™</sup>. 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*<sup>™</sup> from organizations accredited by the ACCME
- **American Nurses Credentialing Center (ANCC)** accepts *AMA PRA Category 1 Credits*<sup>™</sup>. 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)** 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: Oct. 30, 2021 at 5pm Eastern Time

### Registration Online:

[hopkinscme.cloud-cme.com/default.aspx?P=0&EID=31964](http://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](http://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](mailto:cmenet@jhmi.edu)

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

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

For general information, please visit the activity webpage at:  
[hopkinscme.cloud-cme.com/default.aspx?P=0&EID=31964](http://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 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 **Poster Viewing Session**  
1:30 - 2:00 **Break and Networking Session for Speech-Language Pathologists**  
Therese Kling-Cole, MA, CCC-SLP

#### 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 For Nurses**  
Sam Young, MS, RN, CCRN, CCNS, ACNPC

#### 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 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**  
Yun Kim, MS, OTR/L; Hallie Lenker, PT, DPT; and  
Yiota Senekis-Florent, PhD, CTherese ColeCC-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 for Speech-Language Pathologists**  
Therese Kling-Cole, MA, CCC-SLP

#### 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 Nurses**  
Sam Young, MS, RN, CCRN, CCNS, ACNPC

#### 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**

# Thursday, November 4, 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



## 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 for Pediatrics**

Sapna Kudchadkar, MD, PhD & Hallie Lenker, PT, DPT

### Session 3

*Clinician Workflows*

10:55 - 11:15 **Implementation of the 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 for Speech-Language Pathologists**

Therese Kling-Cole, MA, CCC-SLP

### 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 Falls and Mobility**

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 for Nurses**

Sam Young, MS, RN, CCRN, CCNS, ACNPC

### 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 for Physical Therapists**  
Daniel Ludwig, PT, DPT, NCS, ABPTS

## 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 for Occupational Therapists**  
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 **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/C
- 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 for Occupational Therapists**  
Kelly Casey, OTD, OTR/L, BCPR, ATP

## 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 Family 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 **Workshop 1 - Culture Change to Advance Sedation, Delirium and Mobility Practice**

Facilitator: Dale Needham, FCPA, MD, PhD

**Workshop 2 - Implementing a Rehabilitation Model of Care**

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

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

Assistant Director of Nursing

### **Ann Parker, MD, PhD**

Assistant Professor

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

Clinical Nurse Specialist

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

Rehab Team Leader

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

Occupational Therapist II

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

Physical Therapist

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

Respiratory Care Clinical Specialist

### **Ashley Pleiss, BS, RN**

Lead Clinical Nurse

### **Elizabeth Zink, RN, MS, CCNS, CNRN**

Clinical Nurse Specialist

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

Respiratory Care Clinical Specialist

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

Child Life 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**

Rehab Services Manager  
The Ohio State University Wexner Medical Center  
Columbus, Ohio



# 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
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**CONFERENCE FEES**

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

- \* 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.

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