Continuing Medical Education

JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 7 - 8, 2024

Thomas B. Turner Auditorium
Johns Hopkins
East Baltimore
Medical Campus
Baltimore, Maryland
**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, including issues unique to Extracorporeal Membrane Oxygenation (ECMO) and other life support interventions.
- Describe ICU-specific rehabilitation strategies and interventions for adult critically ill patients.
- Appraise current evidence, clinical practice, and interdisciplinary roles of nursing, physical therapy, occupational therapy, speech language pathology, and respiratory therapy in an adult ICU rehabilitation program.
- Explain communication and swallowing strategies for adult ICU patients.
- Describe the management of sedation and delirium for adult ICU patients.
- Describe strategies to engage critically ill patients and their families for activity and mobility, including cognitive, communication, and psychology-based strategies.
- Describe the impact and challenges of ICU survivorship on patients and their families, including healthcare delivery in post-ICU settings.

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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.
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 17, 2024.

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

REGISTRATION

Thursday, November 7-8, 2024 – 7:30 a.m. – 8:30 a.m.

FEES

Registration Cutoff Date: November 7th, 2024 at 5:00pm EST

Register Online: https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=52216

PAYMENT AND REGISTRATION INFORMATION

Early Bird
Until June 30, 2024

Regular Pricing
After June 30, 2024

Johns Hopkins Critical Care Rehabilitation Conference (All-New Content for 2024)

November 7-8, 2024

$370.00

$495.00

You will receive a confirmation by e-mail. If you have not received confirmation by November 1, 2024, call (410) 502-9636 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

Following the activity, certificates/transcripts will be available in CloudCME, following the submission of the online evaluation. The required evaluation with attestation will be available upon login to CloudCME. The deadline to complete the evaluation is December 17, 2024.

LATE FEE AND REFUND POLICY

A $50 late fee applies to registrations received after 5:00 p.m. ET on November 1, 2024. A handling fee of $50 will be deducted for cancellation. Refund requests must be received by fax or mail by November 1, 2024. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS AND HANDOUTS

Presentation handouts and the conference syllabus will be accessible online and via your mobile device using the CloudCME App. A web link to the syllabus also will be available prior to the conference. No printed syllabus or handouts will be provided. If you want a paper version, please print handouts from CloudCME prior to coming to the conference.

TO REGISTER OR FOR FURTHER INFORMATION

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https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=52216

Register by Phone...............................(410) 502-9636
Register by Fax.................................(866) 510-7088
Confirmation/Certificates/Transcripts...(410) 502-9636
General Information............................(410)955-2959
E-mail the Office of CME...............cmenet@jhmi.edu

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CloudCME

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For technical assistance with website, CloudCME or credits, please visit our tech support help page:
https://hopkinscme.cloud-cme.com/about/help

For general information, please visit the activity webpage at:
https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=52216

LOCATION

Thomas B. Turner Building
Johns Hopkins University School of Medicine
720 Rutland Avenue, Ground Floor
Baltimore, Maryland 21205
The Turner Building is located on Rutland Avenue at Monument Street.
Directions and campus parking information are available on our website under the Contact Us tab at HopkinsCME.cloud-cme.com. Handicapped parking is available in the nearby Rutland Garage.
Johns Hopkins is smoke-free.

Thursday, November 7-8, 2024 – 7:30 a.m. – 8:30 a.m.

REGISTRATION

FEES

Methods of Payment: We require full payment prior to the start of the activity. On-site payments can only be accepted if made by learners via credit card through the online portal by 5:00 p.m. ET on the first day of the activity. Early bird registration is available for registrations received prior to 5:00 p.m. ET on June 30, 2024. The registration fee includes lunches, and refreshments during morning and afternoon breaks.

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General Information............................(410)955-2959
E-mail the Office of CME...............cmenet@jhmi.edu

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https://hopkinscme.cloud-cme.com/about/help

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Johns Hopkins University School of Medicine
720 Rutland Avenue, Ground Floor
Baltimore, Maryland 21205
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Directions and campus parking information are available on our website under the Contact Us tab at HopkinsCME.cloud-cme.com. Handicapped parking is available in the nearby Rutland Garage.
Johns Hopkins is smoke-free.
**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.

**COMMERCIAL SUPPORT**

The Johns Hopkins University School of Medicine did not solicit or receive commercial funding from any commercial entity, including pharmaceutical and medical device manufacturers, for this activity.

**EMERGENCY CALLS**

On November 7-8, 2024 direct emergency calls to the Hopkins registration desk, (410) 955-3673. Messages will be posted for participants.
Thursday, November 7, 2024

7:30 - 8:30 Registration

Session 1
Welcome & Patient Interview
8:30 - 8:45 Welcome by Dale Needham, FCPA, MD, PhD
8:45 - 9:25 Adult Patient Interview & Question & Answer

Session 2
Latest Advances in Research & Practice for ICU Mobilization
9:25 - 9:45 Latest Updates in ICU Rehabilitation
Dale Needham, FCPA, MD, PhD
9:45 - 10:05 Rehab for Patients on ECMO: What is New?
Daniel Brodie, MD
10:05 - 10:25 ICU Nurses Progressing Early Mobilization
Kathryn Folliard, RN, BSN, CCRN & Maddie Gares, MBA, BSN, RN
10:25 - 10:40 Question & Answer
10:40 - 11:40 Poster Viewing #1 & Break (Light Refreshments)

Session 3
OT & SLP Research & Practice: Recent Advances
11:40 - 12:00 OT Functional Activity in the ICU: Updates over Past Year
Kelly Casey, OTD, OTR/L, BCPR, ATP
12:00 - 12:15 Swallowing & Voice Interventions by SLP: What’s New?
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA
12:15 - 12:35 Addressing ICU Cognitive Impairments: Latest Rehab Evidence
Kelly Casey, OTD, OTR/L, BCPR, ATP
12:35 - 12:50 Communication & Cognition in the ICU: Latest Updates from SLP
Nicole Frost, MA, CCC-SLP, BCS-S
12:50 - 1:10 Question & Answer
1:10 - 2:30 LUNCH
1:30 - 2:30 JH-AMP Framework: Addressing Hospital Immobility:
Meet the Expert with Michael Friedman, PT, MBA

Session 4
Delirium & Psychological Issues for ICU Rehab: Latest Updates
2:30 - 2:50 Sedation & Delirium in the ICU: Recent Publications
Dale Needham, FCPA, MD, PhD
2:50 - 3:10 Rehabilitation Psychology: Research Updates & Case Study
Megan Hosey, PhD
3:10 - 3:20 Question & Answer
3:20 - 4:00 Networking Sessions (PT, OT, SLP, RN) & BREAK (Light Refreshments)

Session 5
Oral Abstract Presentations #1
4:00 - 5:00 Oral Abstract Presentations with Question & Answer
5:00 - 5:10 Wrap-Up by Dale Needham, FCPA, MD, PhD
Friday, November 8, 2024

Welcome & Opening Remarks
8:30 - 8:40  Welcome by Dale Needham, FCPA, MD, PhD

Session 1
Video Case Study with Multi-Disciplinary Team
8:40 - 9:20  Multi-Disciplinary Integrated Therapy Care in the ICU
            Deadria Clarke, RRT, Alexandra Hayman, PT, DPT, Chrissy Kostura, MA, CCC-SLP, CBIS, Marybeth Moscirella, OTD, OTR/L, BCPR
9:20 - 9:35  Question & Answer

Session 2
Next Steps for Post-Conference Success
9:35 - 9:45  Helpful Resources for ICU Rehabilitation
            Dale Needham, FCPA, MD, PhD
9:45 - 10:25 Break (Light Refreshments)

Session 3
Workshops with Multi-Disciplinary ICU Rehabilitation Experts
10:25 - 12:25 Four Simultaneous Workshops
Workshop 1  Culture Change to Advance Sedation, Delirium, & Mobility Practice
            Facilitator: Dale Needham, FCPA, MD, PhD
Workshop 2  Rehabilitation Issues in Adult Surgical & Cardiac ICUs
            Facilitator: Paul Ricard, PT, DPT, CCS
Workshop 3  Rehabilitation Issues in an Adult Medical ICU
            Facilitator: Alexandra Hayman, PT, DPT
Workshop 4  Rehabilitation Issues in a Neurological ICU
            Facilitator: Sowmya Kumble, PT, DPT, NCS
12:25 - 1:40 Lunch & Poster Viewing #2
12:40 - 1:40 Functional Outcome Measurement across the Hospital:
            Meet the Expert Annette Lavezza, OTR/L

Session 4
Oral Abstract Presentations #2
1:40 - 2:40  Oral Abstract Presentations with Question & Answer

Session 5
ICU Patients After the ICU: What Have We Learned in the Last Year?
2:40 - 3:00  Activity & Mobility Promotion throughout the Hospital
            Michael Friedman, PT, MBA
3:00 - 3:20  Updates in ICU Survivorship
            Jack Iwashyna, MD, PhD
3:20 - 3:40  Post-ICU Follow-Up Clinics: Recent Advances
            Ann Parker, MD, PhD
3:40 - 3:55  Question & Answer
3:55 - 4:00  Conference Wrap-Up by Dale Needham, FCPA, MD, PhD

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.
SPEAKERS

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
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Rehabilitation Therapy Manager
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The Johns Hopkins Hospital

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Director of Strategic Program Development

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Rehabilitation Therapy Manager, Acute Care Therapy Services

Kathryn Folliard, RN, BSN, CCRN
Nurse Manager

Maddie Gares, MBA, BSN, RN
Medical Shift Coordinator

Alexandra Hayman, PT, DPT
Clinical Specialist

Megan Hosey, PhD
Assistant Professor of Physical Medicine and Rehabilitation

Theodore (Jack) Iwashyna, MD, PhD
Professor of Medicine

Christine Kostura, MA, CCC-SLP, CBIS
Team Coordinator

Sowmya Kumble, PT, MPT, NCS
Clinical Resource Analyst

Marybeth Moscirella, OTR, OTR/L, BCPR
Occupational Therapist II

Ann Parker, MD, PhD
Assistant Professor of Medicine

Paul Ricard, PT, DPT, CCS
Rehabilitation Clinical Specialist

GUEST SPEAKERS
Martin Brodsky PhD, ScM, CCC-SLP, F-ASHA
Section Head, Speech-Language Pathology
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Cleveland, Ohio
Adjunct Associate Professor
Physical Medicine and Rehabilitation
Johns Hopkins University

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