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

13th Annual

JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 7 - 8, 2024

Thomas B. Turner Auditorium
Johns Hopkins East Baltimore Medical Campus
Baltimore, Maryland
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.
This conference is sponsored by the American Delirium Society.

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 sponsored by the Johns Hopkins University School of Nursing.

This conference is supported by the Network for Investigation of Delirium: Unifying Scientists.
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 16 AMA PRA Category 1 Credit(s)™. 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 16 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.

PSYCHOLOGISTS
The Johns Hopkins University School of Medicine is authorized by the Maryland State Board of Examiners of Psychologists as a provider of continuing education. The Johns Hopkins University School of Medicine maintains responsibility for this program.

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

POLICY ON SPEAKER 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 in place to identify and mitigate relevant conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

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.

American Speech-Language-Hearing Association (ASHA)

PHYSICAL THERAPY CREDITS
- California: The 13th Annual Johns Hopkins Critical Care Rehabilitation Conference has been approved by ACEND for 15 CEUs. Approved provider ID # ACE2450-01. www.acend.org
- The 13th 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 #: 20-1204280
- 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: 14
- 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.
- Johns Hopkins University School of Medicine is an approved provider of Continuing Competence Activities through the APTA North Carolina. Course Number: 24-0530-033S for up to 12 contact hours.
- The Ohio Physical Therapy Association (OPTA) has approved this course for 16 hours. Approval number 24S2088. Effective Date: 11/7/2024 to 11/7/2025.
- Pennsylvania: This activity has been pre-approved by the State Board of Physical Therapy.
- American Physical Therapy Association of Tennessee has approved this activity for 16 CEUs (16 contact hours) from November 8, 2024- November 7, 2025. Approval Number #2024-121 for Class I Continuing Competency Requirement
- This activity has been approved by the Texas Board of Physical Therapy Examiners for 16 CCUs for PTs and PTAs. Course approval number is 78980TX.
- Virginia Board of Physical Therapy accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.
- 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

IN SUBMISSION
- Maryland State Board of Physical Therapy Examiners
- New Jersey State Board of Physical Therapy Examiners
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)

$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.
EMERGENCY CALLS

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

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.

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.

HOTEL AND TRAVEL INFORMATION

**LORD BALTIMORE HOTEL**

20 West Baltimore Street
Baltimore, Maryland 21201

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 7, 2024

**Early Bird hotel discount until June 30, 2024**

Make your reservation online at [http://bit.ly/3uGKX6U](http://bit.ly/3uGKX6U)–Group ID 2411JHCRIC or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference to receive the special Early Bird Special rate of $119, single or double, plus tax. After June 30, 2024, rate will increase to $139, single or double, plus tax.

**HILTON GARDEN INN BALTIMORE–HARBOR EAST**

625 South President Street
Baltimore, Maryland 21202

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 7, 2024

Make your reservation online at [https://bit.ly/icurehab2024Hilton](https://bit.ly/icurehab2024Hilton) or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference group to receive the special group rate of $119 for single or double occupancy, plus tax.

**RESIDENCE INN BALTIMORE**

800 North Wolfe Street
Baltimore, Maryland 21205  (443) 524-8400

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 7, 2024

Make your reservation online at [https://bit.ly/icurehab2024ResidenceInn](https://bit.ly/icurehab2024ResidenceInn) or call the hotel directly and specify that you are attending the Johns Hopkins Critical Care Rehabilitation Conference group to receive the Early Bird Special rate of $155 for a one bedroom king suite, plus tax. After June 30, 2024, the rate will increase to $175.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
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</thead>
<tbody>
<tr>
<td>7:30 - 8:30</td>
<td>Registration</td>
</tr>
<tr>
<td>8:30 - 8:45</td>
<td>Welcome by Dale Needham, FCPA, MD, PhD</td>
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<tr>
<td>8:45 - 9:25</td>
<td>Adult Patient Interview &amp; Question &amp; Answer</td>
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**Session 2**

**Latest Advances in Research & Practice for ICU Mobilization**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:25 - 9:45</td>
<td>Latest Updates in ICU Rehabilitation</td>
<td>Dale Needham, FCPA, MD, PhD</td>
</tr>
<tr>
<td>9:45 - 10:05</td>
<td>Rehab for Patients on ECMO: What is New?</td>
<td>Daniel Brodie, MD</td>
</tr>
<tr>
<td>10:05 - 10:25</td>
<td>ICU Nurses Progressing Early Mobilization</td>
<td>Kathryn Folliard, RN, BSN, CCRN &amp; Maddie Gares, MBA, BSN, RN</td>
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<tr>
<td>10:25 - 10:40</td>
<td>Question &amp; Answer</td>
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<tr>
<td>10:40 - 11:40</td>
<td>Poster Viewing #1 &amp; Break (Light Refreshments)</td>
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**Session 3**

**OT & SLP Research & Practice: Recent Advances**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>11:40 - 12:00</td>
<td>OT Functional Activity in the ICU: Updates over Past Year</td>
<td>Kelly Casey, OTD, OTR/L, BCPR, ATP</td>
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<tr>
<td>12:00 - 12:15</td>
<td>Swallowing &amp; Voice Interventions by SLP: What's New?</td>
<td>Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA</td>
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<tr>
<td>12:15 - 12:35</td>
<td>Addressing ICU Cognitive Impairments: Latest Rehab Evidence</td>
<td>Kelly Casey, OTD, OTR/L, BCPR, ATP</td>
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<tr>
<td>12:35 - 12:50</td>
<td>Communication &amp; Cognition in the ICU: Latest Updates from SLP</td>
<td>Nicole Frost, MA, CCC-SLP, BCS-S</td>
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<tr>
<td>12:50 - 1:10</td>
<td>Question &amp; Answer</td>
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<tr>
<td>1:10 - 2:30</td>
<td>LUNCH</td>
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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**

<table>
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>2:30 - 2:50</td>
<td>Sedation &amp; Delirium in the ICU: Recent Publications</td>
<td>Dale Needham, FCPA, MD, PhD</td>
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<tr>
<td>2:50 - 3:10</td>
<td>Rehabilitation Psychology: Research Updates &amp; Case Study</td>
<td>Megan Hosey, PhD</td>
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<tr>
<td>3:10 - 3:20</td>
<td>Question &amp; Answer</td>
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<tr>
<td>3:20 - 4:00</td>
<td>Networking Sessions (PT, OT, SLP, RN) &amp; BREAK (Light Refreshments)</td>
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**Session 5**

**Oral Abstract Presentations #1**

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<th>Time</th>
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<th>Presenter</th>
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<tbody>
<tr>
<td>4:00 - 5:00</td>
<td>Oral Abstract Presentations with Question &amp; Answer</td>
<td>Dale Needham, FCPA, MD, PhD</td>
</tr>
<tr>
<td>5:00 - 5:10</td>
<td>Wrap-Up by Dale Needham, FCPA, MD, PhD</td>
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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, MPT, 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.
ACTIVITY DIRECTOR
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Johns Hopkins School of Medicine

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Professor of Medicine

Michael Friedman, PT, MBA
Director of Strategic Program Development

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Kathryn Folliard, RN, BSN, CCRN
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Maddie Gares, MBA, BSN, RN
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Alexandra Hayman, PT, DPT
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Megan Hosey, PhD
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Sowmya Kumble, PT, MPT, NCS
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Occupational Therapist II

Ann Parker, MD, PhD
Assistant Professor of Medicine

Paul Ricard, PT, DPT, CCS
Rehabilitation Clinical Specialist

GUEST SPEAKERS
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Section Head, Speech-Language Pathology
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Cleveland, Ohio
Adjunct Associate Professor
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