



THE JOHNS HOPKINS ACTIVITY AND MOBILITY PROMOTION PROGRAM
presents the

Eighth Annual

JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

October 10–12, 2019

Thomas B. Turner Auditorium
Johns Hopkins East Baltimore Medical Campus
Baltimore, Maryland

This activity has been approved for AMA PRA Category 1 Credits™.



JOHNS HOPKINS
MEDICINE

DESCRIPTION

Interdisciplinary collaboration and coordination is vital to facilitate early mobility and rehabilitation in the intensive care unit (ICU) setting. A recent 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 course 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, Physicians, Physician Assistants, Nurse Practitioners, Nurses and Psychologists.

OBJECTIVES

After attending this activity, the participant 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 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, 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.

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

The **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 **Federation of State Boards of Physical Therapy (FSBPT)** has approved the Thursday sessions for 5 CCUs.

The **Federation of State Boards of Physical Therapy (FSBPT)** has approved the Main Conference for 10 CCUs.

CCUs are a unit of relative value of an activity based on its evaluation against a comprehensive set of standards. The CCU determination is a valuation reflecting many factors including, but not limited to, duration of the activity. No conclusion should be drawn that ProCert's CCUs correlate to time or duration.

This course has been approved by the **Maryland Board of Physical Therapy Examiners** for 2.0 CEUs.

The **New Jersey State Board of Physical Therapy Examiners** approves this activity for 18.5 Credits. NJBPT Course Approval Number: 1903-84

This activity has been approved by the **Texas Board of Physical Therapy Examiners** for 18.50 CCUs for PTs and PTAs. Course approval number is 70714TX.

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.

OTHER CREDITS

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credits*[™] from organizations accredited by the ACCME.

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credits*[™] from organizations accredited by the ACCME.

PAs may claim a maximum of 18.50 Category 1 credits for completing this activity. **National Commission on Certification of Physician Assistants (NCCPA)** accepts *AMA PRA Category 1 Credits*[™] from organizations accredited by ACCME or a recognized state medical society.

The Johns Hopkins University School of Medicine is an AOTA Approved Provider of continuing education. **AOTA** does not endorse specific course content, products, or clinical procedures. This activity has been approved for a maximum of 1.85 AOTA CEUs.

This activity has been approved for a maximum of 17.73 contact hours of Continuing Respiratory Care Education (CRCE) by the **American Association of Respiratory Care (AARC)**.

The Johns Hopkins University has approved this activity for 18.50 contact hours for non-physicians.

This program is offered for up to 1.80 **ASHA CEUs** (Various level; Professional area)

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 November 25, 2019.**

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.

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



This conference is endorsed by the American Thoracic Society



We help the world breathe
PULMONARY • CRITICAL CARE • SLEEP

This conference is sponsored by the Academy of Acute Care Physical Therapy



ACADEMY OF ACUTE CARE
PHYSICAL THERAPY

This conference is sponsored by the Cardiovascular and Pulmonary Section of the American Physical Therapy Association.



GENERAL INFORMATION

REGISTRATION

Thursday Tracks: Thursday, October 10, 2019 • 7:00 am
Main Conference: Friday, October 11, 2019 • 7:30 am

LOCATION

Thomas B. Turner Building
Johns Hopkins University School of Medicine
720 Rutland Avenue
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.

FEES

Registration Cut Off Date: October 4th, 2019

Register Online:

hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=17203

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. Early bird registration is available for registrations received prior to 5:00 p.m. ET on **June 30, 2019**. The registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

	Early Bird Pricing <i>until June 30, 2019</i>	Regular Pricing <i>July 1, 2019 and after</i>
Thursday Tracks October 10	\$245.00	\$295.00
Main Conference Adult ICU October 11-12	\$425.00	\$495.00
Main Conference Pediatric ICU October 11-12	\$425.00	\$495.00

You will receive a confirmation by e-mail. If you have not received it by October 4, 2019, 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.

LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET October 4, 2019. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by October 4, 2019. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

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.**

SOCIAL EVENT

A complimentary reception for registrants and faculty will be held from 5:00p.m. – 6:30 p.m. on Friday, October 11, 2019. Please indicate your attendance on the registration form.

TO REGISTER OR FOR FURTHER INFORMATION

Register Online

hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=17203

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

Facebook: facebook.com/HopkinsCME



Check out our mobile app CloudCME.

Organization Code: *HopkinsCME*

For website and CloudCME mobile app technical difficulties, email: cmetsupport@jhmi.edu

For general information, please visit the activity webpage at hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=17203

HOTEL AND TRAVEL INFORMATION

DELTA HOTELS BALTIMORE INNER HARBOR

1 East Redwood Street (888) 236-2427
Baltimore, Maryland 21202 (410) 234-8950
Web Site: <http://bit.ly/icurehab2019Delta>

HOTEL RESERVATION CUT-OFF DATE: SEPTEMBER 19, 2019

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The all-new Delta Hotel in Baltimore's Inner Harbor is ideally located walking distance from Oriole Park at Camden Yards, M&T Bank Stadium, Baltimore Convention Center, American Visionary Art Museum, and the National Aquarium. Make your reservation online at <http://bit.ly/icurehab2019Delta> or call the hotel directly and specify that you are attending the **Johns Hopkins Critical Care Rehabilitation Conference** to receive the special group rate of \$149, single plus tax. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 11:00 a.m.

HILTON GARDEN INN BALTIMORE-HARBOR EAST

625 South President Street (888) 429-7482
Baltimore, Maryland 21202 (410) 234-0065
Web Site: <http://bit.ly/icurehab2019Hilton>

HOTEL RESERVATION CUT-OFF DATE: SEPTEMBER 9, 2019

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Hilton Garden Inn Baltimore Inner Harbor, pleasantly situated in Harbor East, blends well with its fashionable surroundings and offers excellent accommodations within walking distance of downtown Baltimore. Make your reservation online at <http://bit.ly/icurehab2019Hilton> or call the hotel directly and specify that you are attending the **Johns Hopkins Critical Care Rehabilitation Conference** to receive the special group rate of \$156, single or double, plus tax. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 11:00 p.m.

LORD BALTIMORE HOTEL

20 West Baltimore Street (855) 539-1928
Baltimore, Maryland 21201 (410) 539-8400
Web Site: <http://bit.ly/icurehab2019LordBaltimore>

HOTEL RESERVATION CUT-OFF DATE: SEPTEMBER 9, 2019

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Lord Baltimore Hotel, a newly renovated historic hotel in the heart of Baltimore's business district, is connected to the Inner Harbor and Convention Center via skywalks, just two blocks from Oriole Park at Camden Yards. Make your reservation online at <http://bit.ly/icurehab2019LordBaltimore> or call the hotel directly and specify that you are attending the **Johns Hopkins Critical Care Rehabilitation Conference** to receive the special group rate of \$119, single or double, plus tax. Parking is available to the Hotel guests at a cost of \$33.00 plus 20% Baltimore City Tax per day for valet parking per night with in and out privileges. Self-Parking is available at \$15.00 per day with no in and out privileges at the Hotels parking garage located 1.5 blocks from the hotel entrance at 213 W. Fayette Street. Check-in time is 4:00 p.m. Check-out time is 11:00 a.m.

RESIDENCE INN BALTIMORE

800 North Wolfe Street (443) 524-8400
Baltimore, Maryland 21205
Web Site: <http://bit.ly/icurehab2019ResidenceInn>

HOTEL RESERVATION CUT-OFF DATE: SEPTEMBER 9, 2019

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first-come, first-served basis.

The Residence Inn Baltimore is located on the Johns Hopkins Medical Campus. Make your reservation at <http://bit.ly/icurehab2019ResidenceInn> 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 \$149 for one bedroom king suite, plus tax. Check-in time is 4:00 p.m. Check-out time is 12:00 noon.

EMERGENCY CALLS

On October 10-12, 2019 direct emergency calls to the Hopkins registration desk, (410) 955-3673. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University 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.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University 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. For general information and speaker disclosure statements, please visit the activity webpage at hopkinscme.cloud-cme.com/default.aspx?P=5&EID=17203.

7:00 am–7:55 am Registration for Tracks and Continental Breakfast

Four simultaneous tracks. Pick one.

ADULT ICU REHABILITATION FOUNDATIONS

8:10 am–8:15 am	Welcome and Opening Remarks Kelly Casey, OTD, OTR/L, BCPR, ATP
Session 1	Rationale and Evidence for Early Rehabilitation
8:15 am–8:35 am	ICU–Acquired Weakness and Long-Term Patient Outcomes Ann Parker, MD
8:35 am–8:55 am	Overview of Sedation and Delirium Issues Karin Neufeld, MD, MPH
8:55 am–9:15 am	The Evidence for Early Rehabilitation in the ICU Ann Parker, MD
9:15 am–9:35 am	Culture Change to Promote Early Rehabilitation in the ICU Jennifer Zanni, PT, DScPT, CCS
9:35 am–9:50 am	Role of Nursing Sam Young, MS, RN
9:50 am–10:05 am	Safety Criteria for Mobilization of ICU Patients Jennifer Zanni, PT, DScPT, CCS
10:05 am–10:20 am	Q&A
10:20 am–10:55 am	Coffee Break
Session 2	Implementing and Sustaining an ICU Rehabilitation Program
10:55 am–11:10 am	Role of Physical Therapy Kerry Lammers, PT, DPT, CCS
11:10 am–11:25 am	Role of Occupational Therapy Kelly Casey, OTD, OTR/L, BCPR, ATP
11:25 am–11:40 am	Role of Speech-Language Pathology Therese Kling-Cole, MA, CCC-SLP
11:40 am–11:55 am	Role of Respiratory Therapy Deadria Clarke, RRT
11:55 am–12:15 pm	Integrated Therapy Care in the ICU Kelly Casey, OTD; Deadria Clarke, RRT; Kerry Lammers, PT, DPT, CCS; Therese Kling-Cole, MA, CCC-SLP
12:15 pm–12:30 pm	Q&A
12:30 pm–2:00 pm	Lunch Break and Networking (<i>Boxed Lunch provided</i>)
Session 3	Specialized Assessment and Intervention
2:00 pm–2:30 pm	Functional Assessment Measures Annette Lavezza, OTR/L; Stephanie Hiser, PT, DPT
2:30 pm–2:55 pm	Communication, Cognition, and Delirium Assessment Kelly Casey, OTD, OTR/L, BCPR, ATP; Therese Kling-Cole, MA, CCC-SLP
2:55 pm–3:20 pm	Advancing Mobility Through Safe Patient Handling Sowmya Kumble, PT, MPT, NCS
3:20 pm–3:45 pm	Q&A
3:45 pm–4:15 pm	Coffee Break
Session 4	Medications, Cognition, and Measures
4:15 pm–4:35 pm	Critical Care Medications Ann Parker, MD
4:35 pm–5:05 pm	Understanding Mechanical Ventilation Jennifer Zanni, PT, DScPT, CCS
5:05 pm–5:25 pm	Lines, Tubes, Drains and ICU Monitoring Systems Stephanie Hiser, PT, DPT
5:25 pm–5:45 pm	Q&A
5:45 pm–5:50 pm	Wrap-Up Kelly Casey, OTD, OTR/L, BCPR, ATP

PEDIATRIC ICU REHABILITATION FOUNDATIONS

8:10 am–8:15 am	Welcome and Opening Remarks Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS
Session 1	Pediatric ICU Rehab: Using The Evidence Base to Get Started
8:15 am–8:35 am	Pediatric ICU Rehab: Where We've Come and Where We're Headed Sapna Kudchadkar, MD, PhD
8:35 am–8:50 am	Changing PICU Culture: Creating the Multidisciplinary ICU Rehab Team Judith Ascenzi, DNP, RN
8:50 am–9:10 am	Optimizing Sedation in the PICU Meghan Shackelford, MSN, CRNP-AC
9:10 am–9:30 am	Creating a Healing PICU Environment: Sleep and Delirium Issues Sean Barnes, MD, MBA
9:30 am–9:50 am	Starting a PICU Early Mobilization Program: Getting to "Yes" Beth Wiczorek, DNP, CRNP
9:50 am–10:05 am	What Metrics Matter for PICU Early Mobilization Program Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS
10:05 am–10:20 am	Q&A
10:20 am–10:55 am	Coffee Break
Session 2	Therapy Champions: The Key to Success in Rehab for Critically Ill Children
10:55 am–11:25 am	The Collaborative Therapy Team: PT, OT, and SLP Yun Kim, MS, OTR/L; Hallie Lenker, PT, DPT; Yiota Senekkis-Florent, PhD, CCC-SLP
11:25 am–11:40 am	Starting an Augmentative and Assistive Communication Program Yun Kim, MS, OTR/L; Emily Warren, MSN, RN, CCRN-K
11:40 am–11:55 am	Optimizing Therapy Care Using Static Resources Julie Quinn, PT, MEd, PCS
11:55 am–12:10 pm	Family Engagement: A Key Resource for ICU Rehab Emily Carlton, CCLS
12:10 pm–12:30 pm	Q&A
12:30 pm–2:00 pm	Lunch Break and Networking (<i>Boxed Lunch provided</i>)
Session 3	The Pediatric ICU Team: Translating Mobility Programs Into Practice
2:00 pm–2:20 pm	Supporting Team Research in PICU Rehab Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS
2:20 pm–2:40 pm	PICU Nurses as Early Rehab Champions Emily Warren, MSN, RN, CCRN-K
2:40 pm–2:55 pm	The Role of Child Life Specialists Emily Carlton, CCLS; Caroline Potter, MS, CCLS, CIMI
2:55 pm–3:10 pm	Respiratory Therapy and Pediatric Mobility Programs Krista Hajnik, BHSc, RRT-NPS; Stephanie Hazen, BSc, RRT-NPS
3:10 pm–3:30 pm	Mobilizing the Complex Patient: Case Studies Amy Bayliss, MS, OTR/L; Meghan Moore PT, DPT, NCS
3:30 pm–3:45 pm	Q&A
3:45 pm–4:15 pm	Coffee Break
Session 4	Nuts and Bolts: Key Logistical Issues in PICU Mobility
4:15 pm–4:35 pm	Critical Care Meds in Pediatrics Sapna Kudchadkar, MD, PhD; Hallie Lenker, PT, DPT
4:35 pm–4:55 pm	Using Equipment to Facilitate Mobility Hallie Lenker, PT, DPT
4:55 pm–5:35 pm	Case Studies: Putting it All Together Sapna Kudchadkar, MD, PhD
5:35 pm–5:50 pm	Q&A, Panel Discussion and Wrap-Up

7:00 am–7:55 am Registration for Tracks and Continental Breakfast

Four simultaneous tracks. Pick one.

COMBATING THE HOSPITAL IMMOBILITY HARM FOUNDATIONS

8:10 am–8:25 am **Welcome and Opening Remarks**
Michael Friedman, PT, MBA

Session 1 Environment and Evidence

8:25 am–8:45 am **Environment and Evidence Supporting Mobility**
Michael Friedman, PT, MBA & Erik Hoyer, MD

8:45 am–9:10 am **Designing, Conducting, & Sustaining Quality Improvement**
Dale Needham, FCPA, MD, PhD

9:10 am–9:20 am Q&A

Session 2 Inter-Disciplinary Functional Measurement in the Hospital

9:20 am–9:35 am **Functional Measurement Strategy**
Michael Friedman, PT, MBA

9:35 am–10:15 am **AM-PAC Essentials and FAQ's**
Alan Jette, PT, PhD & Annette Lavezza, OTR/L

10:15 am–10:30 am Q&A

10:30 am–11:00 am Coffee Break

Session 3 Clinician Workflows and Barriers

11:00 am–11:40 am **Johns Hopkins Highest Level of Mobility and Mobility Goal Calculator**
Daniel Young PT, DPT, PhD & Lisa Klein, MSN, AGCNS-BC, CNRN

11:40 am–11:55 am **Data Design from Bedside to Electronic Health Record**
Kelly Daley, PT, MBA

11:55 am–12:15 pm **Assessing Barriers to Mobility**
Jason Seltzer, PT, DPT & Eleni Flanagan DNP, MBA

12:15 pm–12:30 pm Q&A

12:30 pm–2:00 pm Lunch Break and Networking (*Boxed Lunch provided*)

Session 4 Education and Engagement

2:00 pm–2:25 pm **The Role of Nursing**
Eleni Flanagan, DNP, MBA, RN, NEA-BC

2:25 pm–2:45 pm **Re-Defining and Targeting Rehabilitation**
Holly Russell, OTR/L & John Probasco, MD

2:45 pm–3:05 pm **Sustainable Education and Training**
Kathleen Wagner-Kosmakos, RN, MS

3:05 pm–3:25 pm **Patient Engagement: Overcoming Patient Refusals**
Stephen Wegener, PhD, ABPP-RP & Nicole Schechter, PsyD

3:25 pm–3:45 pm Q&A

3:45 pm–4:15 pm Coffee Break

Session 5 Evaluate and Execute

4:15 pm–4:35 pm **Integration—The Tension Between Mobility and Falls**
Sowmya Kumble, PT, MPT, NCS

4:35 pm–4:55 pm **Project Management and Sustainability**
Michelle Cvach, MS

4:55 pm–5:15 pm **Using Data to Drive Culture and Accountability**
Michael Friedman, PT, MBA & Erik Hoyer, MD

5:15 pm–5:35 pm **Implementation Tools and Resources**
Michael Friedman, PT, MBA

5:35 pm–5:50 pm **Q&A & Wrap-Up**
Michael Friedman, PT, MBA

RECOVERY OF THE CRITICALLY ILL PATIENT IN POST-ICU SETTINGS

8:10 am–8:15 am **Welcome and Opening Remarks**
Dale Needham, FCPA, MD, PhD;
Amanda Dawson, PhD

Session 1 Understanding Post-ICU Critical Illness

8:15 am–8:35 am **Epidemiology of Persistent Critical Illness**
Samuel Hammerman, MD, MMM, CPE, FCCP

8:35 am–8:55 am **Sequelae After Treatment in an ICU**
Heather Dunn, PhD, ACNP-BC, ARNP

8:55 am–9:15 am **Identifying Older Adults at Risk of Post-ICU Decline**
Lauren Ferrante, MD, MHS

9:15 am–9:35 am **Managing Neuromuscular Disease Patients**
John Votto, DO, FCCP

9:35 am–9:55 am **Identifying the Appropriate Post-ICU Venue**
T. Brian Callister, MD, FACP, SFHM

9:55 am–10:20 am Q&A

10:20 am–10:55 am Coffee Break

Session 2 Improving Post-ICU Outcomes: Emerging Evidence

10:55 am–11:15 am **Speech, Swallowing and QoL with a Tracheostomy**
Randy Dubin, MA, CCC-SLP

11:15 am–11:35 am **Improving Outcomes of ICU Survivors**
Christopher Cox, MD, MHA, MPH

11:35 am–11:50 am **Rehab for Patients on ICU “Exclusion” Lists**
Beth Sarfaty, PT, MBA; Jason Urbaneck, MOT, OTR/L

11:50 am–12:10 pm **Post-Discharge Followup**
Dale Hengesbach, MBA

12:10 pm–12:30 pm Q&A

12:30 pm–2:00 pm Lunch Break and Networking (*Boxed Lunch provided*)

Session 3 Innovative Designs for Recovery in the Post-ICU Space

2:00 pm–2:20 pm **Adapting the ABCDEF Bundle for LTACH's**
Michele Balas PhD, RN, CCRN-K, FCCM, FAAN

2:20 pm–2:40 pm **Targeted Approach to Reduce Polypharmacy**
John Devlin, PharmD, BCCCP, FCCM, FCCP

2:40 pm–3:00 pm **Inter-Professional Model to Improve Recovery**
Avelino Verceles, MD, MS

3:00 pm–3:20 pm **Integrated Care Transitions Model**
Gregory Mayo, MD

3:20 pm–3:45 pm Q&A

3:45 pm–4:15 pm Coffee Break

Session 4 Improving Patient and Family Experience During Prolonged Critical Illness

4:15 pm–4:35 pm **Caregiver Transitions: From the ICU to LTACH**
Judith Tate, PhD, RN

4:35 pm–4:50 pm **Rebuilding Cognitive & Emotional Function**
Amanda Dawson, PhD;
Joanne Edwards, MSW, LSW, CCM

4:50 pm–5:10 pm **Post-ICU Diaries**
Mark Mikkelsen, MD, MSCE, FCCM

5:10 pm–5:25 pm **Family Self-Care App**
Amy Petrinc, PhD, RN

5:25 pm–5:45 pm Q&A

5:45 pm–5:50 pm **Wrap-Up**
Amanda Dawson, PhD;
Dale Needham, FCPA, MD, PhD

PROGRAM

Friday, October 11, 2019

7:30 am–8:30 am Registration for Conference, Continental Breakfast and Poster Viewing

Welcome and Opening Remarks

8:30 am–8:45 am **Primer on Social Media**

8:45 am–9:00 am **Welcome**
Dale Needham, FCPA, MD, PhD

Session 1 **A Patient and Family Perspective**

9:00 am–9:25 am **Patient & Family Interview**

9:25 am–9:40 am Q&A

9:40 am–10:15 am Coffee Break

Two simultaneous tracks. Pick one.

ADULT ICU

Session 2 **Recent Advances in Research and Practice**

10:15 am–10:35 am **Updates in ICU Rehabilitation**
Dale Needham, FCPA, MD, PhD

10:35 am–10:55 am **Swallowing and Voice in the ICU**
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA

10:55 am–11:15 am **OT Interventions in the ICU**
Kelly Casey, OTD, OTR/L, BCPR, ATP

11:15 am–11:30 am Q&A

11:30 am–12:45 pm Poster Viewing and Networking (*Boxed Lunch provided*)

Session 3 **Recent Advances in Research and Practice II**

12:45 pm–1:05 pm **Tracheostomy and Communication in the ICU**
Therese Kling-Cole, MA, CCC-SLP

1:05 pm–1:25 pm **ICU Nurses as Early Rehabilitation Champions**
Emily Warren, MSN, RN, CCRN-K

1:25 pm–1:45 pm **Clinical Decision-Making for Safe Mobilization in the ICU**
Jennifer Zanni, PT, DScPT, CCS

1:45 pm–2:05 pm Q&A

Session 4 **Psychological Considerations for ICU Rehabilitation**

2:05 pm–2:35 pm **Recent Advances in Sedation and Delirium**
Dale Needham, FCPA, MD, PhD

2:35 pm–3:00 pm **Updates on Prevention and Management of Mental Health Impairments**
Ann Parker, MD

3:00 pm–3:20 pm Q&A

3:20 pm–3:50 pm Coffee Break

Session 5 **Abstract Presentations, Part I**

3:50 pm–4:50 pm **Abstract Presentations and Q&A**

4:50 pm–5:00 pm **Wrap-Up**
Dale Needham, FCPA, MD, PhD

5:00 pm–6:30 pm Social and Networking Event

PEDIATRIC ICU

Session 2 **What's New and Different in PICU Mobility**

10:15 am–10:35 am **Post Intensive Care Syndrome in Pediatric ICU Survivors**
Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS

10:35 am–10:50 am **Facilitating Communication and Cognition in the ICU**
Yiota Senekkis-Florent, PhD, CCC-SLP

10:50 am–11:00 am **Taking the Next Step: Pediatric ECMO & Mobility**
Jennifer Snider, MSN, CPNP-AC

11:00 am–11:15 am **Assessing ICU Acquired Weakness: The PICU Perspective**
Alexandra Parra, PT, DPT, PCS

11:15 am–11:30 am Q&A

11:30 am–12:45 pm Poster Viewing and Networking (*Boxed Lunch Provided*)

Session 3 **Special Considerations for PICU Mobility**

12:45 pm–1:15 pm **Treating the PICU Patient with Multi-System Injury**
Holly Loosen PT, STAR/C; Meghan Moore, PT, DPT, NCS

1:15 pm–1:30 pm **The Nuts and Bolts of Trauma-Informed Care: Considerations in the PICU**
Julie Quinn, PT, MEd, PCS

1:30 pm–1:45 pm **Making Pediatric Mobility Fun: Strategies for Success**
Julie Patterson, MSOT, OTR/L

1:45 pm–2:05 pm Q&A

Session 4 **The Critically Ill Infant & Toddler**

2:05 pm–2:25 pm **Evidence-Based Approaches to Feeding and Oral Stimulation**
Yun Kim, MS, OTR/L

2:25 pm–2:35 pm **Clinical and Instrumental Assessment to Swallowing in the ICU**
Yiota Senekkis-Florent, PhD, CCC-SLP

2:35 pm–2:50 pm **Mobilizing the Critically Ill Infant: What Does It Mean?**
Emily Rogers, PT, DPT, STAR/C

2:50 pm–3:05 pm **Optimizing the Healing Environment to Foster Neuro Development**
Yun Kim, MS, OTR/L; Kerry Vela, PT, DPT, PCS

3:05 pm–3:20 pm Q&A

3:20 pm–3:50 pm Coffee Break

PROGRAM

Saturday, October 12, 2019

7:30 am–8:25 am Continental Breakfast and Poster Viewing

Welcome and Opening Remarks

8:25 am–8:35 am **Social Media Update**
Sapna Kudchadkar, MD, PhD

8:35 am–8:40 am **Welcome**
Dale Needham, FCPA, MD, PhD

Session 1 A Patient and Family Perspective

8:40 am–9:05 am **Patient & Family Interview**

9:05 am–9:20 am Q&A

9:20 am–10:00 am Coffee Break

Session 2 Workshops with Multi-Disciplinary ICU Rehabilitation Experts

10:00 am–12:00 pm **Workshop 1**
Culture Change to Advance Sedation, Delirium and Mobility Practice

Facilitator: Dale Needham, FCPA, MD, PhD

Workshop 2
Functional Measures and Leveraging the EMR

Facilitator: Michael Friedman, PT, MBA

Workshop 3
Neuropsychiatric Issues in the ICU and Beyond

Facilitator: O. Joseph Bienvenu, MD, PhD

Workshop 4
Rehabilitation Issues in a Pediatric ICU

Facilitators: Sapna Kudchadkar, MD, PhD;
Julie Quinn, PT, MSEd, PCS

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

Workshop 7
Rehabilitation Issues in a Neuro ICU

Facilitator: Sowmya Kumble, PT, MPT, NCS

12:00 pm–1:15 pm Poster Viewing and Networking
(Boxed Lunch provided)

Session 3
1:15 pm–2:15 pm

Session 4
2:15 pm–2:35 pm

2:35 pm–2:55 pm

2:55 pm–3:15 pm

3:15 pm–3:30 pm

Session 5
3:30 pm–3:45 pm

3:45 pm–3:50 pm

3:50 pm–3:55 pm

Abstract Presentations, Part 2

Abstract Presentations and Q&A

Understanding ICU Patients After the ICU

Activity and Mobility Promotion Throughout the Hospital
Michael Friedman, PT, MBA

Managing the Post-ICU Patient in a Post-Acute Setting
Dominique Vinh, MD, FACP, MBA

Post-Intensive Care Syndrome (PICS): An Overview

Sapna Kudchadkar, MD, PhD;
Dale Needham, FCPA, MD, PhD

Q&A

Next Steps for Post-Conference Success

Helpful Resources for ICU Rehabilitation
Dale Needham, FCPA, MD, PhD

Q&A

Conference Wrap-up
Dale Needham, FCPA, MD PhD



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Associate Professor

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

Associate Professor

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Jennifer Zanni, PT, DScPT, CCS

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I plan to attend the reception on Friday, October 11th from 5:00 – 6:30 pm. (No added cost)

Registration Fees:

	Early Bird Pricing <i>until June 30, 2019</i>	Regular Pricing <i>July 1, 2019 and after</i>
Foundations Courses October 10	\$245.00	\$295.00
Main Conference Adult ICU October 11-12	\$425.00	\$495.00
Main Conference Pediatric ICU October 11-12	\$425.00	\$495.00

Foundations/Pre-Conference (Select ONE Only)

- Adult ICU Rehabilitation Foundations
- Pediatric ICU Rehabilitation Foundations
- Combating the Hospital Immobility Harm Foundations
- Recovery of the Critically Ill Patient in Post-ICU Settings

Main Conference Workshop (Select ONE Only)

- Workshop 1: Culture Change to Advance Sedation, Delirium and Mobility Practice
- Workshop 2: Functional Measures and Leveraging the EMR
- 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

The registration fee includes instructional materials and food and beverage. Early bird registration is available for registrations received prior to 5:00 p.m. ET on **June 30, 2019**. For registrations received after 5:00 p.m. ET on **October 4, 2019** include a \$50 late fee. On-site registrations are payable only by credit card.

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