



DIVISION OF PULMONARY AND CRITICAL CARE MEDICINE AND
DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION
Present the

Seventh Annual JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 1 - 3, 2018

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

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

This conference is endorsed by the American Thoracic Society.



COURSE 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.

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

OTHER CREDIT

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

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

PAs may claim a maximum of 20.5 Category 1 credits for completing this activity. **National Commission on Certification of Physician Assistants (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 continuing education. AOTA does not endorse specific course content, products, or clinical procedures. 2.5 AOTA CEUs will be provided.

This activity has been approved for a maximum of 20.76 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 20.5 **contact hours for non-physicians**.

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 18, 2018.**

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.

EMERGENCY CALLS

On November 1-3, 2018, 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.

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 for critically ill adults, children, and infants using a quality improvement framework.
- 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.
- Explain the principles of clinical decision making for safe and effective early rehabilitation in the ICU.
- Describe strategies to engage critically ill patients and their families for activity and mobility.
- Explain the tenets and methods of a structured quality improvement process for developing and implementing an early rehabilitation program in the adult and pediatric ICU, and the acute care setting.
- Describe the impact and challenges of ICU survivorship on patients and their families.
- 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.
- Explain communication strategies for adult and pediatric ICU 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.
- Evaluate the rationale, barriers, and evidence for ICU diaries to improve psychological outcomes.

This program is offered for up to 1.85 ASHA CEUs (Various level; Professional area)



The Kennedy Krieger Institute is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

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.

Applications for CE Credits are currently in process for the **Federation of State Boards of Physical Therapy (FSBPT), Maryland Board of Physical Therapy, New Jersey State Board of Physical Therapy Examiners, Pennsylvania State Board of Physical Therapy** and the **Texas Physical Therapy Association**.

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 20.5 CEUs will be awarded upon completion of this activity.

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 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 in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional materials.

TO REGISTER or FOR FURTHER INFORMATION

Register Online <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=13368>
Register by Phone (410) 502-9636
Register by Fax (866) 510-7088
Confirmation/Certificates (410) 502-9636
General Information (410) 955-2959
E-mail the Office of CME cmenet@jhmi.edu

Follow us on Twitter: <http://twitter.com/HopkinsCME>

Facebook: <http://www.facebook.com/HopkinsCME>

Check out our mobile app CloudCME
Organization Code: HopkinsCME



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

Sponsoring Department Website: www.hopkinsmedicine.org/OACIS

For general information, please visit the activity webpage at <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=13368>

GENERAL INFORMATION

REGISTRATION

PRE-CONFERENCE: Thursday, November 1, 2018 – 7:00 a.m.

MAIN CONFERENCE: Friday, November 2, 2018 – 7:30 a.m.

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 <https://HopkinsCME.cloud-cme.com>. Handicapped parking is available in the nearby Rutland Garage. *Johns Hopkins is smoke-free.*

FEES

REGISTRATION CUT OFF DATE: October 27, 2018

Register Online: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=13368>

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, 2018. The registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

	Early Bird Pricing until June 30, 2018	Regular Pricing July 1, 2018 and after
Pre-Conference November 1 AM ONLY	\$110	\$140
Pre-Conference November 1 PM ONLY	\$110	\$140
Main Conference Adult ICU November 2-3	\$385	\$480
Main Conference Paediatric ICU November 2-3	\$385	\$480

You will receive a confirmation by e-mail. If you have not received it by October 27, 2018, 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 on October 27, 2018. A handling fee of \$50 will be deducted for cancellation. Refund requests must be received by fax or mail by October 27, 2018. 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 5:45 – 7:15 p.m. on Friday, November 2, 2018. Please indicate your attendance on the registration form.

HOTEL AND TRAVEL INFORMATION

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

DELTA HOTELS BALTIMORE INNER HARBOR

(888) 236-2427

1 East Redwood Street

(410) 234-8950

Baltimore, Maryland 21202

Web site: www.marriott.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2018

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 www.marriott.com 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 \$159, 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 a.m.*

HILTON GARDEN INN BALTIMORE

(888) 429-7482

Harbor East

(410) 234-0065

625 South President Street

FAX: (410) 234-0299

Baltimore, Maryland 21202

Web site: www.baltimoreinnerharbor.stayhgi.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2018

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 www.baltimoreinnerharbor.stayhgi.com 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 \$159, 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 a.m.*

LORD BALTIMORE HOTEL

(855) 539-1928

20 West Baltimore Street

(410) 539-8400

Baltimore, Maryland 21201

Web site: www.lordbaltimorehotel.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2018

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 www.lordbaltimorehotel.com 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 \$31.00 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

(443) 524-8400

800 North Wolfe Street

Baltimore, Maryland 21205

Web site: www.marriott.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 10, 2018

The Residence Inn Baltimore is located on the Johns Hopkins Medical Campus. Make your reservation at www.marriott.com 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 \$179 for one bedroom king suite, plus tax. *Check-in time is 4:00 p.m. Check-out time is 12:00 noon.*

MORNING TRACK 1

Creating and Sustaining an Early Rehabilitation Program

- 8:10 - 8:15 Welcome, Opening Remarks and Conference Goals
Jennifer Zanni, PT, DScPT, CCS

SESSION 1

Rationale and Evidence for Early Rehabilitation

- 8:15 - 8:35 ICU - Acquired Weakness, and Long-Term Patient Outcomes
Ann Parker, MD
- 8:35 - 8:55 Overview of Sedation and Delirium Issues
Dale Needham, FCPA, MD, PhD
- 8:55 - 9:15 The Evidence for Early Rehabilitation in the ICU
Ann Parker, MD
- 9:15 - 9:35 Culture Change to Promote Early Rehabilitation in the ICU
Jennifer Zanni, PT, DScPT, CCS
- 9:35 - 9:50 Role of Nursing
Sam Young, MS, RN
- 9:50 - 10:05 Safety Criteria for Mobilization of ICU Patients
Jennifer Zanni, PT, DScPT, CCS
- 10:05 - 10:20 Questions and Answers
- 10:20 - 10:45 Coffee Break

SESSION 2

Implementing and Sustaining an ICU Rehabilitation Program

- 10:45 - 11:05 Role of Physical Therapy
Jessica Severn, PT, DPT, CCS
- 11:05 - 11:25 Role of Occupational Therapy
Kelly Casey, OTD, OTR/L, BCPR, ATP
- 11:25 - 11:45 Role of Speech Language Pathology
Therese Kling Cole, MA, CCC-SLP
- 11:45 - 12:05 Role of Respiratory Therapy
Deadria Clarke, RRT
- 12:05 - 12:20 Questions and Answers
- 12:20 - 1:50 Networking (Boxed Lunch Provided)

MORNING TRACK 2

Implementing and Achieving a Culture of Activity and Mobility (AMP) Promotion Across the Hospital

- 8:10 - 8:15 Welcome, Opening Remarks and Conference Goals
Michael Friedman, PT, MBA

SESSION 1

The Evidence and Environment to Support AMP in the Hospital

- 8:15 - 8:20 Introduction to the Johns Hopkins Activity and Mobility Promotion Initiative
Michael Friedman, PT, MBA
- 8:20 - 8:35 The Evidence
Erik Hoyer, MD
- 8:35 - 8:50 Integrating Activity and Mobility Promotion Into Existing Hospital Initiatives
Michael Friedman, PT, MBA
- 8:50 - 9:05 Systematic Implementation and Project Management
Michelle Cvach, MS
- 9:05 - 9:15 Questions and Answers

SESSION 2

Pre-Implementation: Barriers and Measurement

- 9:15 - 9:30 Methods to Assess Barriers and Sharing with the Team
Erik Hoyer, MD; Eleni Flanagan, RN
- 9:30 - 9:45 JH HLM and AM PAC
Daniel Young, PT, PhD
- 9:45 - 10:00 Integrating Functional Measures into the EMR and Report Design
Kelly Daley, PT, MBA
- 10:00 - 10:15 Training Staff to Use JH HLM and AM PAC
Annette Lavezza, OTR/L; Kathleen Wagner-Kosmakos, RN, MS
- 10:15 - 10:25 Questions and Answers
- 10:25 - 10:50 Coffee Break

SESSION 3

Implementation and Integration of the AMP

- 10:50 - 11:10 Expanding the Roles of Clinicians and Overcoming Barriers
Eleni Flanagan, RN; Danielle McQuigg, RN; Annette Lavezza, OTR/L
- 11:10 - 11:25 Moving Safely with Patients: Training, Sustainability and Integration
Annette Lavezza, OTR/L; Kathleen Wagner-Kosmakos, RN, MS
- 11:25 - 11:40 The Johns Hopkins Daily Mobility Goal Calculator
Lisa Klein, RN
- 11:40 - 11:55 Choosing Wisely: High Value Rehabilitation Consults
Michael Friedman, PT, MBA; Johns Probasco, MD
- 11:55 - 12:10 Evaluate and Engage: Reinforcing Culture Through Data
Erik Hoyer, MD
- 12:10 - 12:20 Questions and Answers
- 12:20 - 1:50 Networking (Boxed Lunch Provided)

AFTERNOON TRACK 1

Management of an ICU Patient: An Introduction for Rehabilitation Clinicians

SESSION 1

Functional Assessment

- 1:50 - 2:25 Functional Assessment Measures
Amy Toonstra, PT, DPT, CCS; Annette Lavezza, OTR/L
- 2:25 - 2:40 Questions and Answers

SESSION 2

ICU Equipment and Strategies

- 2:40 - 3:05 Communication, Cognition and Delirium Assessment
Kelly Casey, OTD, OTR/L, BCPR, ATP; Therese Kling Cole, MA, CCC-SLP
- 3:05 - 3:30 Advancing Mobility Through Safe Patient Handling
Sowmya Kumble, PT, MPT, NCS
- 3:30 - 3:45 Questions and Answers
- 3:45 - 4:15 Coffee Break

SESSION 3

Medications, Cognition and Measures

- 4:15 - 4:40 Critical Care Medications
Amy Toonstra, PT, DPT, CCS
- 4:40 - 5:10 Understanding Mechanical Ventilation
Jennifer Zanni, PT, DScPT, CCS
- 5:10 - 5:35 Lines, Tubes, Drains and ICU Monitoring Systems
Amy Toonstra, PT, DPT, CCS
- 5:35 - 5:55 Questions and Answers
- 5:55 - 6:00 Day 1 Wrap-Up
Jennifer Zanni, PT, DScPT, CCS

AFTERNOON TRACK 2

Communication and Stress Management Skills to Help Patients and Families

- 1:50 - 1:55 Welcome, Opening Remarks and Conference Goals
Megan Hosey, PhD

SESSION 1

Motivational Interviewing and Patient Engagement

- 1:55 - 2:10 Defining the Problem: Low Patient and Family Engagement
Stephen Wegener, PhD, ABPP-RP
- 2:10 - 2:50 Communications Skills for Increasing Patient Engagement: Motivational Interviewing
Nicole Schechter, PsyD
- 2:50 - 3:05 Adapting Motivational Interviewing for Patients with Communication or Cognitive Impairments
Megan Hosey, PhD
- 3:05 - 3:30 Practicing Your Motivational Interviewing Skills
Nicole Schechter, PsyD; Megan Hosey, PhD
- 3:30 - 3:45 Questions and Answers
- 3:45 - 4:15 Coffee Break

SESSION 2

Stress Management Skills for Patients, Families and Providers

- 4:15 - 4:30 The Problem: Stress in Hospital Environments
Megan Hosey, PhD
- 4:30 - 5:00 Mindfulness: Background and Skills Practice
Neda Gould, PhD
- 5:00 - 5:15 Guided Imagery: Background and Skills Practice
Nicole Schechter, PsyD
- 5:15 - 5:30 How to Introduce Relaxation Skills to Patients and Families
Catharine Scott, OT
- 5:30 - 5:40 Group Practice – Introducing Relaxation Skills to Patients and Families
Megan Hosey, PhD
- 5:40 - 5:55 Questions and Answers
- 5:55 - 6:00 Day 1 Wrap Up
Megan Hosey, PhD

MORNING TRACK 3*Pediatric ICU: Basics of PICU Rehabilitation (Part 1 of 2)*

- 8:10 - 8:15 Welcome, Opening Remarks and Conference Goals
Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS

SESSION I*Pediatric ICU Rehab: Using the Evidence Base to Get Started*

- 8:15 - 8:35 Pediatric 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
Sapna Kudchadkar, MD, PhD; 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: Getting to "Yes"
Beth Wiczorek, DNP, CRNP
- 9:50 - 10:05 What Metrics Matter for PICU Early Mobilization Program
Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS
- 10:05 - 10:20 Questions and Answers
- 10:20 - 10:45 Coffee Break

SESSION 2*Therapy Champions: The Key to Success in Rehab for Critically Ill Children*

- 10:45 - 11:05 Physical Therapy and Occupational Therapy
Hallie Lenker, PT, DPT; Yun Kim, MS, OTR/L
- 11:05 - 11:20 SLP Interventions
Yiota Senekkis-Florent, PhD, CCC-SLP
- 11:20 - 11:35 Starting an Augmentative and Assistive Communication Program
Yun Kim, MS, OTR/L; Emily Warren, MSN, RN, ACCNS-P
- 11:35 - 11:50 Optimizing Therapy Care Using Static Resources
Julie Quinn, PT, MEd, PCS
- 11:50 - 12:05 Family Engagement: A Key Resource for ICU Rehab
Emily Carlton, CCLS
- 12:05 - 12:20 Questions and Answers
- 12:20 - 1:50 Networking (Boxed Lunch Provided)

MORNING TRACK 4*ICU Diaries (Part 1 of 2)*

- 8:10 - 8:15 Welcome, Opening Remarks and Conference Goals
O. Joseph Bienvenu, MD, PhD; Peter Nydahl, RN, MScN

SESSION I*The Rationale for ICU Diaries*

- 8:15 - 8:35 Experiences of ICU Patients
Megan Hosey, PhD
- 8:35 - 8:55 Post Intensive Care Syndrome
O. Joseph Bienvenu, MD, PhD
- 8:55 - 9:15 Post Intensive Care Syndrome - Family
Truong Giang Huynh, RN, MSN, CCRN
- 9:15 - 9:35 Emergence and Development of ICU Diaries
Ingrid Egerod, RN, MSN, PhD
- 9:35 - 9:50 Evidence for ICU Diaries
Christina Jones, RN, PhD
- 9:50 - 10:10 Questions and Answers
- 10:10 - 10:35 Coffee Break

SESSION 2*Understanding Barriers to Implementation: International*

- 10:35 - 10:55 Germany
Peter Nydahl, RN, MScN
- 10:55 - 11:10 Sweden
Carl Bäckman, CCRN, PhD
- 11:10 - 11:25 Australia
Beverley Ewens RN, PhD
- 11:25 - 11:40 United Kingdom
Christina Jones, RN, PhD
- 11:40 - 11:55 United States
Tamara Norton, RN, BSN, CCRN
- 11:55 - 12:20 Questions and Answers
- 12:20 - 1:50 Networking (Boxed Lunch Provided)

AFTERNOON TRACK 3*Pediatric ICU: Basics of PICU Rehabilitation (Part 2 of 2)***SESSION I***The Pediatric ICU Team: Translating Mobility Programs Into Practice*

- 1:50 - 2:05 Supporting Team Research in PICU Rehab
Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MEd, PCS
- 2:05 - 2:30 PICU Nurses as Early Rehab Champions
Emily Warren, MSN, RN, ACCNS-P
- 2:30 - 2:55 The Role of Child Life Specialists
Caroline Potter, MS, CCLS, CIMI; Emily Carlton, CCLS
- 2:55 - 3:25 Respiratory Therapy and Pediatric Mobility Programs
Krista Hajnik, BHSc, RRT; Stephanie Hazen, BSc, RRT-NPS
- 3:25 - 3:45 Questions and Answers
- 3:45 - 4:15 Coffee Break

SESSION 2*Nuts and Bolts: Key Logistical Issues in PICU Mobility*

- 4:15 - 4:35 Critical Care Meds in Pediatrics
Sapna Kudchadkar, MD, PhD; Hallie Lenker, PT, DPT
- 4:35 - 4:55 Using Equipment to Facilitate Mobility
Hallie Lenker, PT, DPT
- 4:55 - 5:25 Case Studies: Putting it all Together
Sapna Kudchadkar, MD, PhD
- 5:25 - 5:55 Questions and Answers and Panel Discussion
- 5:55 - 6:00 Day 1 Wrap-Up
Sapna Kudchadkar, MD, PhD

AFTERNOON TRACK 4*ICU Diaries (Part 2 of 2)***SESSION I***Special Considerations*

- 1:50 - 2:05 Legal and Risk Management
Truong Giang-Huynh, RN, MSN, CCRN
- 2:05 - 2:20 Hand Written versus Electronic Diaries
Elizabeth Scruth, RN, PhD, MPH
- 2:20 - 2:40 Development of the ICUsteps Electronic Patient Diary App
Peter Gibb
- 2:40 - 3:00 Pediatric ICU
Elizabeth Herrup, MD; Sapna Kudchadkar, MD, PhD
- 3:00 - 3:15 Timing of Sharing Diary with Patient
Dr. rer. nat. Teresa Deffner
- 3:15 - 3:45 Questions and Answers
- 3:45 - 4:15 Coffee Break

SESSION 2*Psychosocial Recovery*

- 4:15 - 4:35 Family Member Diary Writing
Anne Nielsen, RN, MCN
- 4:35 - 4:55 Implementation in Chile
Maria Varela, CCRN
- 4:55 - 5:15 ICUTOGETHER: A Web-Based Recovery Program
Beverley Ewens RN, PhD
- 5:15 - 5:35 Impact on Psychological Outcomes in the First Year After Discharge
Mary McCarthy, RN, PhD
- 5:35 - 5:55 Questions and Answers
- 5:55 - 6:00 Day 1 Wrap-Up
O. Joseph Bienvenu, MD, PhD; Peter Nydahl, RN, MScN

FRIDAY, NOVEMBER 2, 2018

- 7:30 - 8:30 Registration for Main Conference, Continental Breakfast and Poster Viewing
 8:30 - 8:45 Primer on Social Media
 8:45 - 9:00 Welcome, Opening Remarks and Conference Goals
Dale Needham, FCPA, MD, PhD

SESSION I

A Patient and Family Perspective on Post-ICU Impairment and Recovery

- 9:00 - 9:25 Patient and Family Interview
 9:25 - 9:40 Questions and Answers
 9:40 - 10:20 Coffee Break

Simultaneous tracks. Pick one.

ADULT ICU CONTENT

SESSION 2

Recent Advances in Research and Practice

- 10:20 - 10:45 2018 SCCM Clinical Practice Guidelines
Dale Needham, FCPA, MD, PhD
 10:45 - 11:05 PT Interventions in the ICU
Amy Toonstra, PT, DPT, CCS
 11:05 - 11:25 Swallowing and Voice in the ICU
Martin Brodsky, PhD, ScM, CCC-SLP, F-ASHA
 11:25 - 11:45 OT Cognitive Interventions in the ICU
Kelly Casey, OTD, OTR/L, BCP, ATP
 11:45 - 12:00 Questions and Answers
 12:00 - 1:15 Poster Viewing and Networking (Boxed Lunch Provided)

SESSION 3

Recent Advances in Research and Practice II

- 1:15 - 1:35 Tracheostomy and Communication in the ICU
Therese Kling Cole, MA, CCC-SLP
 1:35 - 1:55 ICU Nurses as Early Rehabilitation Champions
Emily Warren, MSN, RN, ACCNS-P
 1:55 - 2:15 Clinical Decision-Making for Safe Mobilization in the ICU
Jennifer Zanni, PT, DScPT, CCS
 2:15 - 2:35 Questions and Answers

SESSION 4

Psychological Considerations for ICU Rehabilitation

- 2:35 - 3:05 Recent Advances in Sedation and Delirium
Dale Needham, FCPA, MD, PhD
 3:05 - 3:25 Rehabilitation Psychology: Case Studies
Megan Hosey, PhD
 3:25 - 3:45 Questions and Answers
 3:45 - 4:25 Coffee Break

PEDIATRIC ICU CONTENT

SESSION 2

What's New and Different in PICU Mobility

- 10:20 - 10:40 Post Intensive Care Syndrome in Pediatric ICU Survivors
Sapna Kudchadkar, MD, PhD; Elizabeth Herrup, MD
 10:40 - 10:55 Assessing ICU Acquired Weakness: The PICU Perspective
Alexandra Parra, PT, DPT
 10:55 - 11:10 Making Pediatric Mobility Fun: Strategies for Success
Caroline Potter, MS, CCLS, CIMI; Julie Patterson, MSOT, OTR/L
 11:10 - 11:20 Taking the Next Step: Pediatric ECMO and Mobility
John Young, RRT; Jennifer Snider, MSN, CRNP
 11:20 - 11:40 Promoting Communication and Cognition in Critically Ill Children
Yiota Senekkis-Florent, PhD, CCC-SLP
 11:40 - 12:00 Questions and Answers
 12:00 - 1:15 Poster Viewing and Networking (Boxed Lunch Provided)

SESSION 3

Disease Specific Considerations for PICU Mobility

- 1:15 - 1:35 Treating the PICU Patient with Multi-System Injury
Meghan Moore, PT, DPT, NCS; Holly Loosen PT, STAR-C
 1:35 - 1:50 Promoting Mobility for the Burn Patient in the PICU
Kerry Vela PT, DPT, PCS, CIMI
 1:50 - 2:05 The Nuts and Bolts of Trauma-Informed Care: Considerations in the PICU
Julie Quinn, PT, MSED, PCS
 2:05 - 2:20 What Happens After the ICU? The Continuum of Care
Jenn Foley, PT, DPT
 2:20 - 2:35 Questions and Answers

SESSION 4

The Critically Ill Infant and Toddler

- 2:35 - 2:55 Feeding and Swallowing for the Critically Ill Child
Yun Kim, MS, OTR/L; Yiota Senekkis-Florent, PhD, CCC-SLP
 2:55 - 3:15 Optimizing the Healing Environment to Foster Neuro Development
Yun Kim, MS, OTR/L, STAR/C, CPST, CIMI; Kerry Vela, PT, DPT, PCS, CIMI
 3:15 - 3:30 Mobilizing the Critically Ill Infant: What Does It Mean?
Emily Rogers, PT, DPT, STAR/C
 3:30 - 3:45 Questions and Answers
 3:45 - 4:25 Coffee Break

SESSION 5

Abstract Presentations, Part I

- 4:25 - 5:20 Abstract Presentations and Questions and Answers
 5:20 - 5:40 Pragmatic Functional Measurement Strategies
Michael Friedman, PT, MBA
 5:40 - 5:45 Day 2 Wrap-Up
Dale Needham, FCPA, MD, PhD
 5:45 - 7:15 Social and Networking Event

PROGRAM

SATURDAY, NOVEMBER 3, 2018

- 7:30 - 8:25 Continental Breakfast and Poster Viewing
8:25 - 8:30 Welcome and Conference Goals
Dale Needham, FCPA, MD, PhD

SESSION 1

A Patient and Family Perspective and Engagement on Multidisciplinary ICU Rehabilitation

- 8:30 - 9:10 Patient and Family Interview
9:10 - 9:30 Setting up and Running a Post-ICU Support Group
Peter Gibb
9:30 - 9:50 Questions and Answers
9:50 - 10:30 Coffee Break

SESSION 2

Workshops with Multi-Disciplinary ICU Rehabilitation Experts

- 10:30 - 12:30 **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: Megan Hosey, 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: Amy Toonstra, PT, DPT, CCS
Workshop 7 - Rehabilitation Issues in the Neuro ICU
Facilitator: Sowmya Kumble, PT, MPT, NCS

- 12:30 - 1:45 Poster Viewing and Networking (Boxed Lunch Provided)

SESSION 3

Abstract Presentations, Part 2

- 1:45 - 2:40 Abstract Presentations and Questions and Answers

SESSION 4

Foundations for Quality Improvement

- 2:40 - 3:00 The "Translating Research Into Practice" (TRIP) Model
Dale Needham, FCPA, MD, PhD
3:00 - 3:20 Searching for Evidence for Quality Improvement Projects
Carrie Price, MLS
3:20 - 3:40 Engaging Hospital Leadership: Getting to "Yes"
Michael Friedman, PT, MBA
3:40 - 4:00 Leveraging the EMR to Support Quality Improvement
Kelly Daley, PT, MBA
4:00 - 4:15 Questions and Answers
4:15 - 4:30 Conference Wrap-Up
Dale Needham, FCPA, MD, PhD

The Johns Hopkins University 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

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Department of Physical Medicine and Rehabilitation
Medical Director, Critical Care Physical Medicine and Rehabilitation Program
Johns Hopkins University
School of Medicine

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The Johns Hopkins Hospital
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Associate Professor
Division of Pediatrics, Anesthesiology and Critical Care Medicine
Director, PICU Clinical Research Program
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Annette Lavezza, OTR/L
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Acute Care Therapy Consult Services
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Physical Therapist
Pediatric Rehabilitation Team Leader
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JOHNS HOPKINS SPEAKERS

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Nurse Manager

Sean Barnes, MD, MBA
Clinical Fellow

O. Joseph Bienvenu, MD, PhD
Associate Professor

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

Emily Carlton, CCLS
Child Life Specialist

Kelly Casey, OTD, OTR/L, BCPR, ATP
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Deadria Clarke, RRT
Respiratory Therapist

Michelle Cvach, MS
Project Analyst

Kelly Daley, PT, MBA
Clinical Informatics

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Jenn Foley, PT, DPT
Physical Therapist

Neda Gould, PhD
Assistant Professor

Krista Hajnik, BHSc, RRT
Respiratory Care Practitioner

Stephanie Hazen, BSc, RRT-NPS
Respiratory Care Practitioner

Elizabeth Herrup, MD
Clinical Fellow

Megan Hosey, PhD
Assistant Professor

Erik Hoyer, MD
Assistant Professor

Yun Kim, MS, OTR/L
Occupational Therapist

Lisa Klein, RN
Clinical Nursing Specialist

Therese Kling Cole, MA, CCC-SLP
Speech Language Pathologist

Sowmya Kumble, PT, MPT, NCS
Clinical Specialist

Hallie Lenker, PT, DPT
Physical Therapist

Holly Loosen, PT, STAR-C
Physical Therapist

Danielle McQuigg, RN
Director of Medical Surgical Nursing

Meghan Moore, PT, DPT, NCS
Physical Therapist

Ann Parker, MD
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Alexandra Parra, PT, DPT
Physical Therapist

Julie Patterson, MSOT, OTR/L
Occupational Therapist

Caroline Potter, MS, CCLS, CIMI
Child Life Specialist

Carrie Price, MLS
Librarian

John Probasco, MD
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Paul Ricard, PT, DPT, CCS
Physical Therapist

Emily Rogers, PT, DPT, STAR/C
Physical Therapist

Nicole Schechter, PsyD
Clinical Associate

Catharine Scott, OT
Occupational Therapist

Yiota Senekkis-Florent, PhD, CCC-SLP
Speech Language Pathologist

Jessica Severn, PT, DPT, CCS
Physical Therapist

Meghan Shackelford, MSN, CRNP-AC
Nurse Practitioner

Jennifer Snider, MSN, CRNP
Clinical Nurse Practitioner

Amy Toonstra, PT, DPT, CCS
Physical Therapist

Kerry Vela, PT, DPT, PCS, CIMI
Physical Therapist

Kathleen Wagner-Kosmakos, RN, MS
Clinical Nurse Specialist

Emily Warren, MSN, RN, ACCNS-P
Nurse Clinician

Stephen Wegener, PhD, ABPP-RP
Professor

Beth Wiczorek, DNP, CRNP
Nurse Practitioner

Daniel Young, PT, PhD
Visiting Scientist

John Young, RRT
Respiratory Therapist

Sam Young, MS, RN
Clinical Nurse Specialist

Jennifer Zanni, PT, DScPT, CCS
Physical Therapist

GUEST SPEAKERS

Carl Bäckman, RN, PhD
Senior Nurse
Vrinnevi Hospital, Norrköping, Sweden

Dr. rer. Nat. Teresa Deffner
Psychologist
Jena University Hospital, Germany

Ingrid Egerod, RN, MSN, PhD
Professor
University of Copenhagen, Denmark

Beverley Ewens, RN, PhD
Senior Lecturer
Edith Cowan University, Australia

Peter Gibb
Chief Executive
ICUsteps

Truong Giang-Huynh, RN, MSN, CCRN
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Retired Nurse Consultant
University of Liverpool, UK

Mary McCarthy, RN, PhD
Senior Nurse Scientist
Madigan Army Medical Center, WA

Anne Nielsen, RN, MCN
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Regional Hospital West Jutland, Denmark

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University Hospital of Schleswig-Holstein, Germany

Elizabeth Scruth, RN, PhD, MPH
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Maria Varela, CCRN
Nurse
Santa Maria Clinic, Chile

November 1–3, 2018

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FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

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What do you hope to learn by attending this activity? _____

Please notify us if you have any special needs. _____

I plan to attend the **Social and Networking Event** on Friday, November 2, 2018 from 5:45 – 7:15 p.m. (No added cost)

FEES

Please circle one registration option.

	Early Bird Pricing <i>until June 30, 2018</i>	Regular Pricing <i>July 1, 2018 and after</i>
Main Conference Adult ICU <i>November 2–3</i>	\$385	\$480
Main Conference Paediatric ICU <i>November 2–3</i>	\$385	\$480
Pre-Conference <i>November 1</i>	(See pricing below)	(See pricing below)

* If selecting Pre-Conference Only, you must select from the morning and afternoon tracks below.

Pre-Conference AM (Select ONE Only)

Early Bird / Regular Pricing

- Achieving a Culture of Mobility Through Activity and Mobility Promotion Across the Hospital \$110 / \$140
- Creating and Sustaining an Early Rehabilitation Program \$110 / \$140
- ICU Diaries (Part 1 of 2) \$110 / \$140
- Pediatric ICU: Basics of PICU Rehabilitation (Part 1 of 2) \$110 / \$140

Pre-Conference PM (Select ONE Only)

- Communication and Stress Management Skills to Help Patients and Families \$110 / \$140
- ICU Diaries (Part 2 of 2) \$110 / \$140
- Management of an ICU Patient: An Introduction for Rehabilitation Clinicians \$110 / \$140
- Pediatric ICU: Basics of PICU Rehabilitation (Part 2 of 2) \$110 / \$140

The registration fee includes instructional materials and food and beverage. For registrations received after **5:00 p.m. ET on October 27, 2018**, include a \$50 late fee. On-site registrations are payable only by credit card.

WORKSHOP

On Saturday morning there will be seven different workshops. Please select **one** workshop from the list below:

- 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 the Neuro ICU

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