DIVISION OF PULMONARY AND CRITICAL CARE MEDICINE AND DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION
Present the
Sixth Annual:
JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 2-4, 2017
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.
This conference is sponsored by the American Speech-Language-Hearing Association.
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 physicians (critical care, pulmonologists, physiatrists, psychiatrists), physical therapists, occupational therapists, rehabilitation assistants, speech-language pathologists, respiratory therapists, nurse practitioners, nurses, psychologists, physician assistants, and hospital administrators.

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 and 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 the adult and pediatric ICU, and acute care patients.
- Describe ICU mobility within the context of safe patient handling.
- Explain the tenets and methods of a structured quality improvement process for developing and implementing an early rehabilitation program in 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 approach to feeding in neonatal and 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 20.75 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.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME. Physician assistants may receive a maximum of 20.75 AAPA Category 1 credits for completing this program.

American Occupational Therapy Association, Inc. (AOTA) CEUs is currently pending approval.

Application has been made to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists.

The Johns Hopkins University has approved this activity for 20.75 contact hours for non-physicians.

EVALUATION AND OUTCOMES SURVEY
Post activity, an online evaluation form will be available to attendees to evaluate the activity and individual presentations and 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 printing.

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the learner’s practice.

EMERGENCY CALLS
On November 2-4, 2017, 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.

TO REGISTER or FOR FURTHER INFORMATION
Register Online
https://hopkinscme.cloud-cme.com

Register by Phone
(410) 502-9634

Register by Fax
(866) 510-7088

Confirmation/Certificates/Transcript
(410) 502-9634

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 Cloud CME mobile app technical difficulties, email: cmenechsupport@jhmi.edu

Sponsoring Department Website: www.hopkinsmedicine.org/OACIS

For general information, the direct link for this CME activity web page is: https://hopkinscme.cloud-cme.com/aph.aspx?P=S&RID=8079
REGISTRATION
PRE-CONFERENCE: Thursday, November 2, 2017 – 7:00 a.m.
MAIN CONFERENCE: Friday, November 3, 2017 – 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
Please register early, space is limited.

REGISTRATION CUT-OFF DATE - OCTOBER 28, 2017

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. on June 30, 2017. The registration fee includes instructional materials, continental breakfast(s), refreshment breaks and lunches.

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You will receive a confirmation by e-mail. If you have not received it by October 28, 2017, call (410) 502-9634 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 28, 2017. 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 28, 2017. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

SYLLABUS

All registrants will receive a booklet with general information. In an effort to remain environmentally conscious, printed syllabi will not be available this year. The syllabus will be available through the Cloud CME app as well as online at https://hopkinscme.cloud-cme.com through the My CME section. A link to the e-syllabus will also be made available to all registrants prior to the conference.

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 at the following properties.

LORD BALTIMORE HOTEL
20 West Baltimore Street
Baltimore, Maryland 21201
Web Site: www.lordbaltimorehotel.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2017

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 and use group code 161ICRCARE 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. Overnight hotel guest parking is included in the roomrate. The daily self-parking rate for guests not staying overnight is $15 at 213 West Fayette Street. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

HILTON GARDEN INN BALTIMORE
625 South President Street
Baltimore, Maryland 21202
Web Site: www.baltimoreinnerharbor.staygi.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2017

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.staygi.com and use group code CCR 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 $154, 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 12:00 noon.

DELTA HOTELS BALTIMORE INNER HARBOR
1 East Redwood Street
Baltimore, Maryland 21202
Web Site: delthaghteelsbaltimore.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 1, 2017

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 delthaghteelsbaltimore.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, deluxe king plus tax. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

HYATT PLACE BALTIMORE/INNER HARBOR
511 South Central Avenue
Baltimore, Maryland 21202
Web Site: hyattplacebaltimore.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 13, 2017

Hyatt Place Baltimore/Inner Harbor offers a refreshing blend of style and innovation in a neighborhood alive with cultural attractions, shopping and amazing local restaurants. It is located close to everything you want to do, including museums, shops, restaurants and more. Make your reservation online at https://hyattplacebaltimore.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 $175.00, single or double. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 12:00 p.m.

TRANSPORTATION

For Lord Baltimore, Hilton Garden Inn and Delta Hotels, registrants are responsible to arrange their own transportation to and from the conference venue. For the Hyatt Place, the rate includes complimentary breakfast and round trip transportation to the Thomas B. Turner Auditorium.
THURSDAY, NOVEMBER 2, 2017
7:00 - 7:55 Registration for Pre-Conference and Continental Breakfast

MORNING TRACK 1
The Basics: Creating and Sustaining an Early Rehabilitation Program
8:10 - 8:15 Welcome and Opening Remarks
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
Karim Neufeld, MD, MPH
8:55 - 9:15 The Evidence for Early Rehabilitation in the ICU
Jennifer Zanni, PT, DScPT, CCS
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 - 10:10 Questions and Answers
10:10 - 10:40 Coffee Break

SESSION 2
Implementing and Sustaining an ICU Rehabilitation Program
10:40 - 11:00 Role of Physical Therapy
Jessica Sevem, PT, DPT
11:00 - 11:20 Role of Occupational Therapy
Kelly Casey, OTD, OTR/L, ATP
11:20 - 11:40 Role of Speech-Language Pathology
Therese King-Cole, MA, CCC-SLP
11:40 - 12:00 Role of Respiratory Therapy
Deandra Clarke, RRT
12:00 - 12:20 Questions and Answers
12:20 - 1:50 Lunch Break and 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 and 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, ATP and Therese King-Cole, MA, CCC-SLP
3:05 - 3:30 Advancing Mobility Through Safe Patient Handling
Sawmya 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 - 5:50 Safety Criteria for Mobilization of ICU Patients
Jennifer Zanni, PT, DScPT, CCS
5:50 - 6:00 Questions and Answers
6:00 - 6:05 Day 1 Wrap-Up
Jennifer Zanni, PT, DScPT, CCS

MORNING TRACK 2
Quality Improvement: Learning the Basics
8:10 - 8:15 Welcome and Opening Remarks
Dale Needham, FCPA, MD, PhD

SESSION 1
Tenets of Quality Improvement
8:15 - 8:35 The Value Equation, An Essential Consideration for Rehabilitation Quality Improvement (QI)
Michael Friedman, PT, MBA
8:35 - 8:55 General Background on QI and Knowledge Translation (KT): A Model for QI/KT Research
Dale Needham, FCPA, MD, PhD
8:55 - 9:15 Choosing a QI Topic – Choosing Your Question
Quincy Samus, PhD, MS
Dale Needham, FCPA, MD, PhD
9:25 - 9:40 Case Studies in QI/KT
Dale Needham, FCPA, MD, PhD
9:40 - 9:55 Questions and Answers
9:55 - 10:25 Coffee Break

SESSION 2
Methods of Quality Improvement
10:25 - 10:40 Identifying Barriers and Facilitators to QI Interventions
Lisa Lubomski, PhD
10:40 - 10:55 Designing a QI Intervention
Quincy Samus, PhD, MS
10:55 - 11:20 Measurement and Data Quality in QI
Dale Needham, FCPA, MD, PhD
11:20 - 11:40 Qualitative and Mixed-Methods Approaches for QI
Michelle Eakin, PhD
11:40 - 12:05 Culture Change for the Implementation of QI
Melindo Swaye, DrPH, MSN, RN, CNS-BC
12:05 - 12:20 Questions and Answers
12:20 - 1:50 Lunch Break and Networking (Boxed Lunch Provided)

AFTERNOON TRACK 2
Achieving a Culture of Mobility Through Activity and Mobility Promotion Across the Hospital

SESSION 1
The Evidence and Environment to Support Activity and Mobility Promotion (AMP) in the Hospital
1:50 - 2:00 Introduction to the Johns Hopkins Activity and Mobility Promotion Hospital Bundle
Michael Friedman, PT, MBA
2:00 - 2:15 The Evidence for Activity and Mobility Promotion in the Hospital
Erik Hoyer, MD
2:15 - 2:30 Integrating the Value of Activity and Mobility Promotion Into Existing Hospital Initiatives
Michael Friedman, PT, MBA
2:30 - 2:45 Methods to Assess Barriers to Activity and Mobility Promotion Implementation
Erik Hoyer, MD
2:45 - 2:55 Questions and Answers

SESSION 2
Functional Outcome Measures for Activity and Mobility Promotion
2:55 - 3:15 Functional Measures Background and Tool Selection
Michael Friedman, PT, MBA
3:15 - 3:30 Training Staff to Use JH HLM and AMPAC
Annette Lavezza, OTR/L
3:30 - 3:45 Integrating Functional Measures into the EMR and Report Design
Kelly Daley, PT, MBA
3:45 - 3:55 Questions and Answers
3:55 - 4:25 Coffee Break

SESSION 3
Implementation of the Activity and Mobility Promotion Toolkit
4:25 - 4:40 Expanding the Roles of Clinicians in Activity and Mobility Promotion
Annette Lavezza, OTR/L
4:40 - 5:00 Evaluate and Engage - Reinforcing Culture through Data
Erik Hoyer, MD
5:00 - 5:15 Use of Goal Calculator to Guide Patient Performance
Annette Lavezza, OTR/L
5:15 - 5:35 Alignment of Resources to Improve Patient Outcomes - Choosing Wisely
Michael Friedman, PT, MBA
5:35 - 5:45 Future Directions and Closing Remarks
5:45 - 5:55 Questions and Answers
5:55 - 6:05 Day 1 Wrap-Up
Dale Needham, FCPA, MD, PhD
MORNING TRACK 3
Pediatric ICU: Basics of PICU Rehab (Part 1 of 2)

SESSION 1
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
8:35 - 8:50 Changing PICU Culture: Creating the Multidisciplinary ICU Rehab Team
Judy Ascenzi DNP, RN
8:50 - 9:20 Creating a Healing PICU Environment: Sedation, Sleep and Delirium Issues
Meghan Shackelford, MSN, CRNP-AC
9:20 - 9:35 Starting a PICU Early Mobilization Program: Getting to “Yes”
Beth Wiczorek, DNP, CRNP
Sapna Kudchadkar, MD
9:50 - 10:05 Questions and Answers

SESSION 2
Therapy Champions: The Key to Success in Rehab for Critically Ill Children
10:35 - 10:50 Physical Therapy
Hallie Lenker, PT, DPT, STAR/C
10:50 - 11:10 Occupational Therapy
Yun Kim, MS, OTR/L
11:10 - 11:30 SLP Interventions
Jeanine Hoch, MA, CCC-SLP
11:30 - 11:45 Optimizing Therapy Care Using Static Resources
Julie Quinn, PT, MSED, PCS
11:45 - 12:00 Family Engagement: A Key Resource for ICU Rehab
Emily Carlton, CCLS and Sonya Dunsmir, OTD, OTR/L, CPST
12:00 - 12:20 Questions and Answers
12:20 - 1:50 Lunch Break and Networking (Boxed Lunch Provided)

AFTERNOON TRACK 3
Pediatric ICU: Basics of PICU Rehab (Part 2 of 2)

SESSION 1
The Pediatric ICU Team: Translating Mobility Programs Into Practice
1:50 - 2:15 PICU Nurses as Early Rehab Champions
Emily Warren, MSN, RN, CCRN
2:15 - 2:40 The Role of Child Life Specialist
Caroline Potter, MS, CCLS, CIMI and Emily Carlton, CCLS
2:40 - 3:10 Respiratory Therapy and Pediatric Mobility Programs
Krista Hajnik, BSc, RRT
3:10 - 3:30 Questions and Answers
3:30 - 4:00 Coffee Break

SESSION 2
Nuts and Bolts: Key Logistical Issues in PICU Mobility
4:00 - 4:15 Pediatric Lines, Tubes and Drains
Adelaide Bertram, BSN, RN, CCRN and Megan Moore, PT, DPT, STAR/C
4:15 - 4:35 Critical Care Meds in Pediatrics
Sapna Kudchadkar, MD and Hallie Lenker, PT, DPT, STAR/C
4:35 - 4:50 Physiologic Monitoring and Pediatric Mobility
Colleen Carpenter, BSN, RN and Christy McKinney, PT, DPT
4:50 - 5:20 Case Studies in the PICU
Sapna Kudchadkar, MD
5:20 - 5:55 Questions and Answers
5:55 - 6:05 Day 1 Wrap-Up
Sapna Kudchadkar, MD

AFTERNOON TRACK 4
Behavioral Management and Strategies to Optimize Activity and Mobility

SESSION 1
Improving Patient Motivation and Engagement for Activity and Mobility
1:55 - 2:10 The Problem: Low Patient Engagement
Evan Smith, PhD
2:10 - 2:40 Background for Solution: Motivational Interviewing Interventions
Nicole Schechter, PsyD
2:40 - 3:00 Adapting Motivational Interviewing for Patients with Communication or Cognitive Impairments
Megan Hosey, PhD
3:00 - 3:30 Practicing the Solution: Motivational Interviewing via Small Group Simulations
Nicole Schechter, PsyD and Evan Smith, PhD
3:30 - 3:50 Questions and Answers
3:50 - 4:20 Coffee Break

SESSION 2
Improving Patient Anxiety for Activity and Mobility
4:20 - 4:35 The Problem: Anxiety in Hospitalized Patients
Katherine Wright, PhD
4:35 - 4:55 Background for Solution: Mindfulness and Cognitive Behavioral Therapy Techniques
Megan Hosey, PhD
4:55 - 5:15 Practicing the Solution: Mindfulness via Guided Independent Practice
Michael Wills, PhD
5:15 - 5:40 Practicing the Solution: Cognitive Behavioral Therapy Techniques via Small Group Simulations
Megan Hosey, PhD
5:40 - 6:00 Questions and Answers
6:00 - 6:05 Day 1 Wrap-Up
Megan Hosey, PhD
**FRIDAY, NOVEMBER 3, 2017**

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 and Opening Remarks
  Dale Needham, FCPA, MD, PhD

**PATIENT AND FAMILY INTERVIEW**

**SESSION 1**
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

**ADULT ICU CONTENT**

**SESSION 2**
Recent Advances in Research and Practice
10:20 - 10:45  Long-Term Physical Outcomes for ICU Survivors
  Dale Needham, FCPA, MD, PhD
10:45 - 11:05  PT Interventions in the ICU
  Amy Toonstra, PT, DPT, CCS
11:05 - 11:25  SLP Interventions in the ICU
  Therese King Cole, MA, CCC-SLP
11:25 - 11:45  OT Cognitive Interventions in the ICU
  Kelly Casey, OTD, OTR/L, 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  Improving Outcomes of Patients with a Tracheostomy
  Verciya Pandian, PhD, MSN, RN, ACNP-BC
1:35 - 1:55  ICU Nurses as Early Rehabilitation Champions
  Emily Warren, MSN, RN, CCRN
1:55 - 2:15  Cases in Clinical Decision Making for Mobilizing Critically Ill Patients
  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

**SESSION 5**
Abstract Presentations, Part I
4:25 - 5:55  Abstract Presentations and Questions and Answers
5:55 - 6:00  Main Conference Day 1 Wrap-up
  Dale Needham, FCPA, MD, PhD
6:00 - 7:30  Social and Networking Event

**PEDIATRIC ICU CONTENT**

**SESSION 2**
What’s New and Different in PICU Mobility
10:20 - 10:40  Long-Term Outcomes for Pediatric ICU Survivors:
  The PEDS Perspective
  Sapna Kudchadkar, MD and Elizabeth Herrup, MD
10:40 - 10:55  Making Pediatric Mobility Fun: Strategies for Success
  Joan Jung-D’Amico, OTR/L, CIMI, CPST, and Caroline Potter, MS, CCLS, CIMI
10:55 - 11:10  What Happens After the ICU? Keeping Mobilization Momentum
  Jenn Foley, PT, DPT and Meghan Moore, PT, DPT, NCS, STAR/C
11:10 - 11:25  Taking the Next Step: Pediatric ECMO and Mobility
  John Young, RRT and Jennifer Snider, MSN, CRNP
11:25 - 11:40  Augmentative Assistive Communication in the PICU
  Emily Warren, MSN, RN, CCRN and Yun Kim, MS, OTR/L
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 Neurologically Compromised Patient in the PICU
  Meghan Moore, PT, DPT, STAR/C and Emily Rogers, PT, DPT, STAR/C
1:35 - 1:50  Mobilizing the Oncology Patient in the PICU
  Holly Lenker, PT, DPT, STAR/C and Emily Rogers, PT, DPT, STAR/C
1:50 - 2:05  Therapy Considerations when Promoting Mobility with Patients with Compromised Cardiopulmonary Systems
  Christy McKinney, PT, DPT and Sonya Dunsmir, OTR/L, OTR/L
2:05 - 2:20  Promoting Mobility for the Burn Patient in the PICU
  Joan Jung D’Amico, OTR/L, CIMI, CPST and Kerry Vela, PT, DPT, PCS, CIMI, STAR/C
2:20 - 2:35  Questions and Answers

**SESSION 4**
Translating the PICU Experience to the Neonatal ICU
2:35 - 2:50  Advances in Research and Practice for PT and OT in the Pediatric and Neonatal ICU
  Julie Quinn, PT, MScEd, PCS and Kerry Vela, PT, DPT, PCS, CIMI, STAR/C
2:50 - 3:05  Defining Early Mobility in the Neonatal ICU
  Julie Quinn, PT, MScEd, PCS
3:05 - 3:20  Neonatal ICU Specific Interventions
  Kerry Vela, PT, DPT, PCS, CIMI, STAR/C and Sonya Dunsmir, OTR/L, OTR/L
3:20 - 3:35  Feeding Across the Age Spectrum
  Yun Kim, MS, OTR/L and Jeanne Holmes, MA, CCC-SLP
3:35 - 3:45  Questions and Answers
3:45 - 4:25  Coffee Break

**SESSION 5**
Abstract Presentations, Part II
4:25 - 5:55  Abstract Presentations and Questions and Answers
5:55 - 6:00  Main Conference Day 1 Wrap-Up
  Dale Needham, FCPA, MD, PhD
6:00 - 7:30  Social and Networking Event
SESSION 1
A Patient and Family Perspective and Engagement on Multidisciplinary Challenges and Implementation Workshops with Multi-disciplinary ICU Rehabilitation

SESSION 2
Workshops with Multi-disciplinary ICU Rehabilitation Experts

SESSION 4
Challenges and Implementation

S debris and Implementation

ABSTRACT PRESENTATIONS, PART 2
1:45 - 3:15 Abstract Presentations and Questions and Answers

WORKSHOPS WITH MULTI-DISCIPLINARY ICU REHABILITATION EXPERTS

SESSION 3
ABSTRACT PRESENTATIONS, PART 2
1:45 - 3:15 Abstract Presentations and Questions and Answers

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 University School of Medicine

PLANNING COMMITTEE
Michael Friedman, PT, MBA
Director of Rehabilitation
Therapy Services
The Johns Hopkins Hospital

Sapna Kudchadkar, MD
Assistant Professor
Department of Anesthesiology and Critical Care Medicine and Pediatrics
Director, PICU Clinical Research Program
Johns Hopkins University
School of Medicine

JOHNS HOPKINS SPEAKERS
Judith Ascenzi, DNP, RN
Nurse Manager

Adelaide Bertram, BSN, RN, CCRN
Nurse Clinician

Emily Carlton, CCLS
Child Life Specialist

Colleen Carpenter, BSN, RN
Nurse Clinician

Kelly Casey, OTD, OTR/L, ATP
Clinical Specialist

Deandra Clarke, RRT
Respiratory Therapist

Kelly Daley, PT, MBA
Instructor

Sonya Dunsmir, OTD, OTR/L
Oc cupational Therapist

Michelle Eakin, PhD
Associate Professor

Jenn Foley, PT, DPT
Physical Therapist

Krista Hajnik, BHS, RRT
Respiratory Care Coordinator

Elizabeth Herrup, MD
Clinical Fellow

Megan Hosey, PhD
Assistant Professor

Erik Hoyer, MD
Assistant Professor

Janice Jaskulski, MS, OTR/L
Occupational Therapist

Joan Jung-D’Amico, OTL, CIMI, CPST
Occupational Therapist

Yun Kim, MS, OTR/L
Occupational Therapist

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

Sowmya Kumble, PT, MPT, NCS
Physical Therapist

Hallie Lenker, PT, DPT, STAR/C
Pediatric Rehabilitation Team Coordinator

Lisa Lubomski, PhD
Assistant Professor

Meghan Moore, PT, DPT, STAR/C
Physical Therapist

GUEST SPEAKERS
Jeannine Hoch, MA, CCC-SLP
Speech Language Pathologist

VCU Health
Richmond, Virginia

Christy McKinney, PT, DPT
Clinical Specialist
Texas Children’s Hospital
Houston, Texas

Annette Lavezza, OTR/L
Therapy Manager

Ann Parker, MD
Instructor

Vincent Pandian, PhD, MSN, RN, ACNP-BC
Assistant Professor

Caroline Potter, MS, CCLS, CIMI
Child Life Specialist

Paul Ricard, PT, DPT, CCS
Physical Therapist

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

Quincy Samus, PhD, MS
Associate Professor

Jessica Severt, PT, DPT
Physical Therapist

Melinda Sawyer, DrPH, MSN, RN, CNS-BC
Senior Clinical Quality and Innovation Coach

Nicole Schechter, PsyD
Assistant Professor

Meghan Shackleford, MSN, CRNP-AC
Nurse Practitioner

Evan Smith, PhD
Research and Clinical Fellow

Jennifer Snider, MSN, CRNP
Clinical Nurse Practitioner

Amy Toonstra, PT, DPT, CCS
Physical Therapist

Kerry Vela, PT, DPT, PCS, CIMI, STAR/C
Physical Therapist

Emily Warren, BSN, RN, CCRN
Nurse Clinician

Beth Wiecezek, DNP, CRNP
Nurse Practitioner

Michael Williams, PhD
Research and Clinical Fellow

Katherine Wright, PhD
Assistant Professor

Sam Young, MS, RN
Clinical Nurse Specialist

John Young, RRT
Respiratory Therapist

Jennifer Zanni, PT, DScPT, CCS
Physical Therapist

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.
REGISTRATION FORM  
SIXTH ANNUAL JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE  

November 2-4, 2017

To Register: Online: https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=8079
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Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

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Please type or print clearly:

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Please notify us if you have any special needs.

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☐ I plan to attend the Social and Networking event on Friday, November 3, 2017 from 6:00 - 7:30. (No added cost)

Please circle one registration option.

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

Pre-Conference AM (Select Only ONE) - Early Bird Pricing / Regular Pricing
☐ Adult ICU: Creating and Sustaining an Early Rehab Program - $110 / $140
☐ Pediatric ICU: Basics of PICU Rehab (Part 1 of 2) - $110 / $140
☐ Quality Improvement: Learning the Basics - $110 / $140

Pre-Conference PM (Select Only ONE)
☐ Achieving a Culture of Mobility through Activity and Mobility Promotion across the Hospital - $110 / $140
☐ Behavioral Management and Strategies to Optimize Patient Activity and Mobility - $110 / $140
☐ Management of an ICU Patient: An Introduction for Rehab Clinicians - $110 / $140
☐ Pediatric ICU: Basics of PICU Rehab (Part 2 of 2) - $110 / $140

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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The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on October 28, 2017, include a $50 late fee. On-site registrations are payable only by credit card.