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

Fourth Annual:
JOHNS HOPKINS CRITICAL CARE
REHABILITATION CONFERENCE

November 12 - 14, 2015
Chevy Chase Bank Conference Center
The Sheikh Zayed Tower
The Johns Hopkins Hospital
Baltimore, Maryland

This conference has been endorsed
by the American Thoracic Society.

This activity has been approved for AMA PRA Category 1 Credits™.
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, nurses, nurse practitioners, 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 the ICU.
• Describe the management of ICU devices and monitoring systems for rehabilitation of an ICU patient.
• Explain medications commonly used in the ICU and their implications for delivery of rehabilitation.
• Describe the basics of mechanical ventilation and its relevance to rehabilitation of the ICU patient.
• Explain relevant rehabilitation-related assessments and functional measures.
• Describe the impact and challenges of ICU survivorship on patients and their family.
• Appraise the latest evidence on ICU sedation, delirium and outcomes after critical illness.
• Explain quality improvement processes for early mobility on a hospital-wide basis, and for neurological and pediatric ICUs.
• Describe the nursing role and perspective on implementation of a mobility bundle in a surgical ICU.
• Explain current practice and inter-disciplinary roles of physical therapy, occupational therapy, speech language pathology and respiratory therapy in an early ICU rehabilitation program.
• Describe the management of anxiety and the engagement of patients for ICU mobility.
• Appraise the implementation of ICU diaries to prevent PTSD in ICU survivors.
• Explain the principles of clinical-decision making for safe and effective early rehabilitation in the ICU.

ACCREDITATION STATEMENT
The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT
The Johns Hopkins University School of Medicine designates this live activity for a maximum of 16.50 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
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
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
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 16.50 AAPA Category 1 credits for completing this program.

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

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

EVALUATION
A form will be available to attendees to evaluate each session and each speaker’s presentation, as well as to identify future educational needs.

OUTCOMES SURVEY
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 attendee’s practice.

EMERGENCY CALLS
On November 12-14, 2015 direct emergency calls to the Hopkins registration desk, (443) 287-5426. 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.

Contact Hours for Non-Physicians
The Johns Hopkins University has approved this activity for 16.50 contact hours for non-physicians.

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.

Applications for CE Credits have been submitted to the Federation of State Boards of Physical Therapy (FSBPT), Maryland Board of Physical Therapy and Pennsylvania State Board of Physical Therapy.

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 CEUs will be awarded upon completion of this Fourth Annual Johns Hopkins Critical Care Rehabilitation Conference.

Professional Counselors and Therapists
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 disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). 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 activity handout materials.

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 (credit card and eCheck) www.HopkinsCME.edu
Register by Phone (credit card only) (410) 502-9636
Register by Fax (866) 510-7088
Confirmation/Certificates (410) 502-9636
General Information (410) 935-2959
E-mail the Office of CME cmenet@jhmi.edu
Follow us on Twitter: http://twitter.com/HopkinsCME
Facebook: http://www.facebook.com/HopkinsCME
Sponsoring Department Website: www.hopkinsmedicine.org/OACIS
For general information, the direct link for this CME activity web page is: http://www.hopkinscme.edu/CourseDetail.aspx/80036410.
REGISTRATION
Pre-Conference Registration - Thursday, November 12, 2015, 2:00 p.m.
Main Conference Registration – Friday, November 13, 2015, 8:00 a.m.

LOCATION
Chevy Chase Bank Conference Center
The Sheikh Zayed Tower
The Johns Hopkins Hospital
1800 Orleans Street, Main Level
Baltimore, Maryland, 21287

The Sheikh Zayed Tower is located on Orleans Street between Broadway and Wolfe Streets. Directions and campus parking information are available on our website under the contact and travel section at www.HopkinsCME.edu. The closest garage is the Orleans Street Garage, which is located on Orleans Street (Route 40) between Wolfe Street and Broadway. Handicapped parking is also available in the McElderry Street Garage. Johns Hopkins is smoke free.

FEES
Please register early, space is limited.

REGISTRATION CUT-OFF DATE - NOVEMBER 6, 2015

Methods of Payment: Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

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<thead>
<tr>
<th></th>
<th>Pre-Conference ONLY</th>
<th>Main Conference ONLY</th>
<th>Full Conference November 12-14, 2013</th>
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<td>Attending Physicians</td>
<td>$160</td>
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EARLY BIRD REGISTRATION: until July 31st, 2015

STANDARD REGISTRATION: Starting August 1st, 2015

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<tr>
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<td>Residents*, Fellows*, Physician Assistants, Occupational Therapists, Physical Therapists, Psychologists, Respiratory Therapists, Speech-Language Pathologists</td>
<td>$140</td>
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SYLLABUS

All registrants will receive a folder with general information and paper for note-taking. This is included in the cost of your registration. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee. Please note that the printed copies of the syllabus will not include copyrighted materials. The fees for printed copies of the syllabus are outlined on the registration form. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

HOTEL AND TRAVEL INFORMATION

We strongly encourage you to book your accommodations at one of the following two hotels. The Johns Hopkins Office of CME makes every effort to secure the best rate for overnight accommodations. The rate is part of a negotiated conference package that incorporates many services. By staying at the host hotel and booking within the room block, you help us maintain current conference benefits and keep future registration fees reasonable. Please consider this when making your overnight accommodations decision.

Hilton Garden Inn Baltimore
Harbor East
(888) 429-7482
625 South President Street
Baltimore, Maryland 21202
Web Site: www.baltimoreinnerharbor.stayhgi.com

Lord Baltimore Hotel
20 West Baltimore Street
(410) 539-8400
Baltimore, Maryland 21202
Web Site: www.lordbaltimorehotel.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 7, 2015

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 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 $152, single or double, plus tax. This rate includes breakfast daily (maximum of two people per room) and complimentary wireless high-speed internet access. 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.

Lord Baltimore Hotel
(410) 539-8400
20 West Baltimore Street
Baltimore, Maryland 21202
Web Site: www.lordbaltimorehotel.com

HOTEL RESERVATION CUT-OFF DATE: OCTOBER 13, 2015

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 1st Mariner Arena and Oriole Park. 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 $129, single or double, plus tax. This rate includes breakfast for up to two guests per room, per night. Complimentary self-parking is available. Complimentary wireless high-speed internet access is also included with this rate. Check-in time is 4:00 p.m. Check-out time is 11:00 a.m.

LATE FEE AND REFUND POLICY

A $50 late fee applies to registrations received after 5:00 p.m. ET on November 6, 2015. 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 November 6, 2015. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

* with verification of status

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by November 6, 2015, call (410) 502-9634 to confirm that you are registered. A certificate of attendance will be sent by December 28, 2015 to the e-mail address you provide on the registration form.

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.

* with verification of status

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by November 6, 2015, call (410) 502-9634 to confirm that you are registered. A certificate of attendance will be sent by December 28, 2015 to the e-mail address you provide on the registration form.

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Thursday, November 12, 2015

2:00 – 2:55 Registration for Pre-Conference

2:55 – 3:00 Welcome and Conference Goals
Jennifer Zanni, PT, DScPT, CCS
Paul Ricard, PT, DPT, CCS
Michael Friedman, PT, MBA

Session 1: Understanding the Evidence, Equipment and Medications
3:00 – 3:25 Overview of the Evidence for Early Rehabilitation
Jennifer Zanni, PT, DScPT, CCS

3:25 – 3:50 Lines, Tubes, Drains and ICU Monitoring Systems
Amy Toonstra, PT, DPT

Robert Stevens, MD

3:50 – 4:20 Understanding Mechanical Ventilation
Jennifer Zanni, PT, DScPT, CCS

4:20 – 4:45 Critical Care Medications
Amy Toonstra, PT, DPT

4:45 – 5:05 Question and Answer Session

5:05 – 5:20 Refreshment Break

Session 2: Evaluation and Strategies for Early Mobility
5:20 – 5:45 Communication, Cognition, and Delirium Assessment
Angela Regensburg, MS, OTR/L

5:45 – 6:10 Strength Testing and Functional Assessment Measures
Paul Ricard, PT, DPT, CCS

6:10 – 6:35 Strategies for Mobilizing the ICU Patient
Jennifer Zanni, PT, DScPT, CCS

6:35 – 6:55 Question and Answer Session

Friday, November 13, 2015

7:30 – 8:00 Poster Registration for Main Conference

8:00 – 8:50 Registration for Main Conference, Continental Breakfast and Poster Viewing

8:50 – 9:00 Primer on Social Media

9:00 – 9:05 Welcome and Conference Goals
Dale Needham, MD, PhD

Session 1: A Patient and Family Perspective on Post-ICU Impairment and Recovery
9:05 – 9:30 Patient and Family Interview
Moderator: Dale Needham, MD, PhD

9:30 – 9:45 Question and Answer Session

9:45 – 10:00 Live Polling of Audience

Session 2: Recent Advances in Research and Practice
10:00 – 10:20 Long-Term Physical Outcomes for ICU Survivors
Dale Needham, MD, PhD

10:20 – 10:40 PT Interventions in the ICU
Jennifer Zanni, PT, DScPT, CCS

10:40 – 11:00 SLP Interventions in the ICU
Therese Cole, MA, CCC-SLP

11:00 – 11:15 Question and Answer Session

11:15 – 11:35 Coffee Break and Poster Viewing

Session 3: Multidisciplinary Interventions and Roles
11:35 – 11:55 OT Interventions in the ICU
Angela Regensburg, MS, OTR/L

11:55 – 12:10 Respiratory Therapy for Early Rehabilitation
Heather O’Donnell, RRT

12:10 – 12:30 Preparing Nurses to Implement Mobility in a Surgical ICU
Cindy Dwyer, RN, BSN

12:30 – 12:45 Question and Answer Session

12:45 – 2:15 Poster Viewing and Networking (Boxed Lunch provided)

Session 4: Abstract Presentations, Part I
2:15 – 3:15 Abstract Presentations

3:15 – 3:35 Question and Answer Session

Session 5: Psychological Considerations for ICU Rehabilitation
3:35 – 3:55 Recent Advances in Sedation and Delirium
Dale Needham, MD, PhD

3:55 – 4:10 Patient Anxiety in the ICU: Why It Matters and What to Do About It?
Jennifer Jutte, MPH, PhD

4:10 – 4:30 Updates on ICU Diaries to Prevent PTSD
O. Joseph Bienvenu, MD, PhD

4:30 – 4:45 Engaging Patients in Early Mobility: Facilitators and Strategies
Jennifer Jutte, MPH, PhD

Friday, November 14, 2015

6:35 – 6:55 Adjourn

6:00 – 6:05 Day 1 Wrap-Up
Dale Needham, MD, PhD

6:30 – 8:00 Social and Networking Event

Saturday, November 14, 2015

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

8:25 – 8:30 Welcome and Conference Goals
Dale Needham, MD, PhD

Session 1: A Patient and Family Perspective on Multidisciplinary ICU Rehabilitation
8:30 – 8:55 Patient and Family Interview
Moderator: Dale Needham, MD, PhD

8:55 – 9:10 Question and Answer Session

Session 2: Clinical Decision-Making for Rehabilitation of Critically Ill Patients
9:10 – 9:40 Tenets of Clinical Decision Making
Amy Toonstra, PT, DPT and Jennifer Zanni, PT, DScPT, CCS

9:40 – 10:25 Case Study with Interactive Audience Response System
Dale Needham, MD, PhD

10:25 – 10:40 Question and Answer Session

10:40 – 11:00 Coffee Break and Poster Viewing

Session 3: Abstract Presentations, Part 2
11:00 – 12:00 Abstract Presentations

12:00 – 12:20 Question and Answer Session

12:20 – 1:30 Poster Viewing and Networking (Boxed Lunch provided)

Session 4: Hospital-Wide Activity and Mobility Promotion
12:45 – 1:00 Poster Viewing and Networking (Boxed Lunch provided)

Session 5: Workshops with Multidisciplinary ICU Rehabilitation Experts
3:20 – 4:20 Rehabilitation Issues in a Medical ICU
Facilitator: Jennifer Zanni, PT, DScPT, CCS

3:20 – 4:20 Rehabilitation Issues in Non-Medical ICUs
(Surgical, Neuro, Pediatrics and Cardiac)
Facilitators: Paul Ricard, PT, DPT, CCS

3:20 – 4:20 Functional Measures and Leveraging the EMR
Facilitator: Michael Friedman, PT, MBA

3:20 – 4:20 Culture Change to Advance Sedation, Delirium and Mobility Practice
Facilitator: Dale Needham, MD, PhD

3:20 – 4:20 Neuropsychiatric Issues in the ICU and Beyond
Facilitators: O. Joseph Bienvenu, MD, PhD and Jennifer Jutte, MPH, PhD

4:20 – 4:30 Break

4:30 – 4:45 Conference Wrap-Up
Dale Needham, MD, PhD

4:45 Adjourn

Please complete and return the Evaluation and Credit Report Forms. The Registration Desk will remain open during conference hours.

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  
Course Number 80036410  
FOURTH ANNUAL JOHNS HOPKINS CRITICAL CARE REHABILITATION CONFERENCE

November 12-14, 2015

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128.

Include check payable to HOPKINS/80036410, or include credit card information below

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

Primary Specialty:

- Nurse
- Occupational Therapy
- Physical Therapy
- Physician
- Psychology
- Speech Language Pathology
- Respiratory Therapy

Other: (Please Specify) ______________________

You will receive a confirmation notice and your attendance certificate by e-mail if you provide your e-mail address.

Check here if you wish to receive e-mail notices about upcoming CME activities.

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 event on Friday, November 13, 2015 from 6:30 to 8:00 at Bond Street Social located at 901 S Bond Street, Baltimore, MD 21231

On Saturday afternoon there will be five different workshops.

Please select one workshop from the list below.

- Workshop 1: Rehabilitation Issues in a Medical ICU
- Workshop 2: Rehabilitation Issues in Non-Medical ICUs (Surgical, Neuro, Pediatrics and Cardiac)
- Workshop 3: Functional Measures and Leveraging the EMR
- Workshop 4: Culture Change to Advance Sedation, Delirium and Mobility Practice
- Workshop 5: Neuropsychiatric Issues in the ICU and Beyond

Please circle one registration choice (required) and one syllabus choice (optional).

Total amount enclosed $ ____________.

Payment Type:

JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please complete this registration form and return with appropriate payment processing form to OCME, Turner 20.

Forms can be found on-line at:  
http://www.hopkinscme.edu/Resources/resources.aspx.

Check (See instructions on top of form.)

Credit Card:  
- VISA  
- MASTERCARD  
- DISCOVER  
- AMEX

Card #__________________________________________________________

Exp. Date ____________________________

Name on Card ____________________________

Signature and Date ____________________________

* with verification of status