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

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.

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.
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.

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

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 5:00 p.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: cmetechsupport@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

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 Inner Harbor
625 South President Street (888) 429-7482
Baltimore, Maryland 21202 (410) 234-0065

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, 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 a.m.

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

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 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.
### PROGRAM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am–7:55 am</td>
<td>Registration for Tracks and Continental Breakfast</td>
</tr>
</tbody>
</table>
| 8:10 am–8:15 am | Welcome and Opening Remarks
Kelly Casey, OTD, OTR/L, BCPR, ATP                                                     |
| 8:15 am–8:35 am | Rationale and Evidence for Early Rehabilitation
Kelly Casey, OTD, OTR/L, BCPR, ATP                                                     |
| 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                                                                              |
| 10:55 am–11:10 am | Role of Physical Therapy
Stephanie Hiser, PT, DPT                                                                  |
| 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; Therese Kling-Cole, MA, CCC-SLP                  |
| 12:15 pm–12:30 pm | Q&A                                                                                       |
| 12:30 pm–2:00 pm | Lunch Break and Networking (Boxed Lunch provided)                                         |
| 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                                                                              |
| 4:15 pm–4:35 pm | Medications, Cognition, and Measures
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 8:10 am–8:15 am | Welcome and Opening Remarks
Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MSeD, PCS                                      |
| 8:15 am–8:35 am | Pediatric ICU Rehab: Using The Evidence Base to Get Started
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 Shackleford, MSN, CRNP-AC                                                             |
| 9:10 am–9:30 am | Creating a Healing PICU Environment: Sleep and Delirium Issues
Sean Barnes, MD, MPA                                                                        |
| 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, MSeD, PCS                                      |
| 10:05 am–10:20 am | Q&A                                                                                       |
| 10:20 am–10:55 am | Coffee Break                                                                              |
| 10:55 am–11:25 am | Therapy Champions: The Key to Success in Rehab for Critically Ill Children
The Collaborative Therapy Team: PT, OT, and SLP
Yun Kim, MS, OTR/L; Hallie Lenker, PT, DPT; Yiota Senekikis-Florant, 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, CRN-K                                              |
| 11:40 am–11:55 am | Optimizing Therapy Care Using Static Resources
Julie Quinn, PT, MSeD, PCS                                                                  |
| 11:55 am–12:10 pm | Family Engagement: A Key Resource for ICU Rehab
Emily Carlton, CCLS                                                                       |
| 12:10 pm–12:30 pm | Lunch Break and Networking (Boxed Lunch provided)                                         |
| 12:30 pm–2:00 pm | Lunch Break and Networking (Boxed Lunch provided)                                         |
| 2:00 pm–2:20 pm | Supporting Team Research in PICU Rehab
Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MSeD, PCS                                      |
| 2:20 pm–2:40 pm | PICU Nurses as Early Rehab Champions
Emily Warren, MSN, RN, CRN-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, BHS, 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                                                                              |
| 4:15 pm–4:35 pm | Nuts and Bolts: Key Logistical Issues in PICU Mobility
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                                                            |

**Thursday, October 10, 2019**

Four simultaneous tracks. Pick one.

---

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.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:10 am–8:25 am</td>
<td>Welcome and Opening Remarks</td>
<td>Michael Friedman, PT, MBA</td>
</tr>
<tr>
<td>8:25 am–8:45 am</td>
<td>Environment and Evidence</td>
<td>Michael Friedman, PT, MBA &amp; Erik Hoyer, MD</td>
</tr>
<tr>
<td>8:45 am–9:00 am</td>
<td>Designing, Conducting, &amp; Sustaining Quality Improvement</td>
<td>Dale Needham, FCPA, MD, PhD</td>
</tr>
<tr>
<td>9:00 am–9:15 am</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>9:15 am–9:30 am</td>
<td>Session 2: Inter-Disciplinary Functional Measurement in the Hospital</td>
<td></td>
</tr>
<tr>
<td>9:30 am–9:45 am</td>
<td>Functional Measurement Strategy</td>
<td>Michael Friedman, PT, MBA</td>
</tr>
<tr>
<td>9:45 am–10:25 am</td>
<td>AM-PAC Essentials and FAQ’s</td>
<td>Alan Jette, PT, PhD &amp; Annette Lavezza, OTR/L</td>
</tr>
<tr>
<td>10:25 am–10:40 am</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>10:40 am–11:00 am</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>11:00 am–11:40 am</td>
<td>Session 3:Clinician Workflows and Barriers</td>
<td>Johns Hopkins Highest Level of Mobility &amp; Mobility Goal Calculator</td>
</tr>
<tr>
<td>11:40 am–11:55 am</td>
<td>Data Design from Bedside to Electronic Health Record</td>
<td>Kelly Daley, PT, MBA</td>
</tr>
<tr>
<td>11:55 am–12:15 pm</td>
<td>Assessing Barriers to Mobility</td>
<td>Jason Seltzer, PT, DPT &amp; Eleni Flanagan DNP, MBA</td>
</tr>
<tr>
<td>12:15 pm–12:30 pm</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>12:30 pm–12:50 pm</td>
<td>Lunch Break and Networking (Boxed Lunch provided)</td>
<td></td>
</tr>
<tr>
<td>12:50 pm–1:00 pm</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>2:00 pm–2:20 pm</td>
<td>Session 4: Education and Engagement</td>
<td>Eleni Flanagan, DNP, MBA, BN, NEA-BC</td>
</tr>
<tr>
<td>2:20 pm–2:40 pm</td>
<td>Re-Defining and Targeting Rehabilitation</td>
<td>Holly Russell, OTR/L &amp; John Probasco, MD</td>
</tr>
<tr>
<td>2:40 pm–3:00 pm</td>
<td>Sustainable Education and Training</td>
<td>Kathleen Wagner-Kosmakos, RN, MS</td>
</tr>
<tr>
<td>3:00 pm–3:20 pm</td>
<td>Patient Engagement: Overcoming Patient Refusals</td>
<td>Stephen Wegener, PhD, ABPP-RP &amp; Nicole Schechter, PsyD</td>
</tr>
<tr>
<td>3:20 pm–3:40 pm</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>3:40 pm–4:00 pm</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>4:15 pm–4:35 pm</td>
<td>Session 5: Evaluate and Execute</td>
<td>Sowmya Kumble, PT, MPT, NCS</td>
</tr>
<tr>
<td>4:35 pm–4:55 pm</td>
<td>Project Management and Sustainability</td>
<td>Michelle Czah, MS</td>
</tr>
<tr>
<td>4:55 pm–5:15 pm</td>
<td>Using Data to Drive Culture and Accountability</td>
<td>Michael Friedman, PT, MBA &amp; Erik Hoyer, MD</td>
</tr>
<tr>
<td>5:15 pm–5:30 pm</td>
<td>Implementation Tools and Resources</td>
<td>Michael Friedman, PT, MBA</td>
</tr>
<tr>
<td>5:30 pm–5:45 pm</td>
<td>Q&amp;A Wrap-Up</td>
<td>Michael Friedman, PT, MBA</td>
</tr>
<tr>
<td>5:45 pm–6:00 pm</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>8:10 am–8:15 am</td>
<td>Welcome and Opening Remarks</td>
<td>Dale Needham, FCPA, MD, PhD</td>
</tr>
<tr>
<td>8:15 am–8:30 am</td>
<td>Understanding Post-ICU Critical Illness</td>
<td>Amanda Dawson, PhD</td>
</tr>
<tr>
<td>8:30 am–8:50 am</td>
<td>Epidemiology of Persistent Critical Illness</td>
<td>Samuel Hammerman, MD, MMM, CPE, FCCP</td>
</tr>
<tr>
<td>8:50 am–9:00 am</td>
<td>Sequelae After Treatment in an ICU</td>
<td>Heather Dunn, PhD, ACNP-BC, ARNP</td>
</tr>
<tr>
<td>9:00 am–9:15 am</td>
<td>Identifying Older Adults at Risk of Post-ICU Decline</td>
<td>Lauren Ferrante, MD, MHS</td>
</tr>
<tr>
<td>9:15 am–9:30 am</td>
<td>Managing Neuromuscular Disease Patients</td>
<td>John Votto, DO, FCCP</td>
</tr>
<tr>
<td>9:30 am–9:45 am</td>
<td>Identifying the Appropriate Post-ICU Venue</td>
<td>T. Brian Callister, MD, FACP, SFHM</td>
</tr>
<tr>
<td>9:45 am–10:00 am</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>10:00 am–10:15 pm</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>10:15 am–11:00 am</td>
<td>Lunch Break and Networking (Boxed Lunch provided)</td>
<td></td>
</tr>
<tr>
<td>11:00 am–11:20 am</td>
<td>Session 2: Improving Post-ICU Outcomes: Emerging Evidence</td>
<td></td>
</tr>
<tr>
<td>11:20 am–11:40 am</td>
<td>Speech, Swallowing and QoL with a Tracheostomy</td>
<td>Randy Dubin, MA, CCC-SLP</td>
</tr>
<tr>
<td>11:40 am–11:50 am</td>
<td>Improving Outcomes of ICU Survivors</td>
<td>Christopher Cox, MD, MHA, MPH</td>
</tr>
<tr>
<td>11:50 am–11:55 am</td>
<td>Rehab for Patients on ICU “Exclusion” Lists</td>
<td>Beth Sarafy, PT, MBA; Jason Urbanek, MOT, OTR/L</td>
</tr>
<tr>
<td>11:55 am–12:10 pm</td>
<td>Post-Discharge Followup</td>
<td>Dale Hengesbach, MBA</td>
</tr>
<tr>
<td>12:10 pm–12:30 pm</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>12:30 pm–12:50 pm</td>
<td>Lunch Break and Networking (Boxed Lunch provided)</td>
<td></td>
</tr>
<tr>
<td>2:00 pm–2:20 pm</td>
<td>Session 3: Innovative Designs for Recovery in the Post-ICU Space</td>
<td></td>
</tr>
<tr>
<td>2:20 pm–2:40 pm</td>
<td>Adapting the ABCDEF Bundle for LTACH’s</td>
<td>Michele Bals PhD, RN, CCRN-K, FCCM, FAAN</td>
</tr>
<tr>
<td>2:40 pm–3:00 pm</td>
<td>Targeted Approach to Reduce Polypharmacy</td>
<td>John Devlin, PharmD, BCCCP, FCCM, FCCP</td>
</tr>
<tr>
<td>3:00 pm–3:20 pm</td>
<td>Inter-Professional Model to Improve Recovery</td>
<td>Avelino Verceles, MD, MS</td>
</tr>
<tr>
<td>3:20 pm–3:40 pm</td>
<td>Integrated Care Transitions Model</td>
<td>Gregory Mayo, MD</td>
</tr>
<tr>
<td>3:40 pm–4:00 pm</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>4:00 pm–4:15 pm</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>4:15 pm–4:30 pm</td>
<td>Session 4: Improving Patient and Family Experience During Prolonged Critical Illness</td>
<td>Judih Tate, PhD, RN</td>
</tr>
<tr>
<td>4:30 pm–4:50 pm</td>
<td>Caregiver Transitions: From the ICU to LTACH</td>
<td>Joanne Edwards, MSW, LSW, CCM</td>
</tr>
<tr>
<td>4:50 pm–5:10 pm</td>
<td>Rebuilding Cognitive &amp; Emotional Function</td>
<td>Amanda Dawson, PhD, Joanne Edwards, MSW, CCM</td>
</tr>
<tr>
<td>5:10 pm–5:20 pm</td>
<td>Post-ICU Diaries</td>
<td>Mark Mikkelsen, MD, MSCE, FCCM</td>
</tr>
<tr>
<td>5:20 pm–5:40 pm</td>
<td>Family Self-Care App</td>
<td>Amy Petrinec, PhD, RN</td>
</tr>
<tr>
<td>5:40 pm–5:55 pm</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>5:55 pm–6:00 pm</td>
<td>Q&amp;A</td>
<td></td>
</tr>
</tbody>
</table>

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.
### PROGRAM

**Friday, October 11, 2019**

<table>
<thead>
<tr>
<th>7:30 am–8:30 am</th>
<th>Registration for Conference, Continental Breakfast and Poster Viewing</th>
</tr>
</thead>
</table>

#### Welcome and Opening Remarks

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

#### ADULT ICU

1. **Session 2**
   - **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)

2. **Session 3**
   - **12:45 pm–1:05 pm** Tracheostomy and Communication in the ICU
     - Therese King-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

3. **Session 4**
   - **2:05 pm–2:25 pm** Psychological Considerations for ICU Rehabilitation
     - Dale Needham, FCPA, MD, PhD
   - **2:25 pm–2:35 pm** Recent Advances in Sedation and Delirium
     - Ann Parker, MD
   - **2:35 pm–3:00 pm** Rehabilitation Psychology
     - Yun Kim, MS, OTR/L
   - **3:00 pm–3:20 pm** Q&A
   - **3:20 pm–3:50 pm** Coffee Break

4. **Session 5**
   - **3:50 pm–4:50 pm** Abstract Presentations, Part 1
     - Dale Needham, FCPA, MD, PhD
   - **4:50 pm–5:00 pm** Abstract Presentations and Q&A
   - **5:00 pm–6:30 pm** Social and Networking Event

#### PEDIATRIC ICU

1. **Session 2**
   - **10:15 am–10:35 am** Post Intensive Care Syndrome in Pediatric ICU Survivors
     - Sapna Kudchadkar, MD, PhD; Julie Quinn, PT, MSED, 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–12:45 pm** Poster Viewing and Networking (Boxed Lunch Provided)

2. **Session 3**
   - **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, MSED, 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

3. **Session 4**
   - **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

---

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.
**PROGRAM**

Saturday, October 12, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Facilitators</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am–8:25 am</td>
<td>Continental Breakfast and Poster Viewing</td>
<td></td>
</tr>
<tr>
<td>8:25 am–8:35 am</td>
<td><strong>Welcome and Opening Remarks</strong></td>
<td>Social Media Update</td>
</tr>
<tr>
<td>8:35 am–8:40 am</td>
<td>Welcome</td>
<td>Dale Needham, FCPA, MD, PhD</td>
</tr>
<tr>
<td><strong>Session 1</strong></td>
<td><strong>A Patient and Family Perspective</strong></td>
<td></td>
</tr>
<tr>
<td>8:40 am–9:05 am</td>
<td>Patient &amp; Family Interview</td>
<td></td>
</tr>
<tr>
<td>9:05 am–9:20 am</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>9:20 am–10:00 am</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td><strong>Session 2</strong></td>
<td><strong>Workshops with Multi-Disciplinary ICU Rehabilitation Experts</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 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, MEd, 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**    | **Abstract Presentations, Part 2**                                   |                                                   |
| 1:15 pm–2:15 pm  | Abstract Presentations and Q&A                                       |                                                   |
| **Session 4**    | **Understanding ICU Patients After the ICU**                         |                                                   |
| 2:15 pm–2:35 pm  | Activity and Mobility Promotion Throughout the Hospital              |                                                   |
| 2:35 pm–2:55 pm  | Managing the Post-ICU Patient in a Post-Acute Setting                |                                                   |
| 2:55 pm–3:15 pm  | Post-Intensive Care Syndrome (PICS): An Overview                     |                                                   |
| 3:15 pm–3:30 pm  | Q&A                                                                  |                                                   |
| **Session 5**    | **Next Steps for Post-Conference Success**                           |                                                   |
| 3:30 pm–3:45 pm  | Helpful Resources for ICU Rehabilitation                             |                                                   |
| 3:45 pm–3:50 pm  | Q&A                                                                  |                                                   |
| 3:50 pm–3:55 pm  | 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
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, PhD
Associate Professor
Division of Pediatrics, Anesthesiology and Critical Care Medicine
Director, PICU Clinical Research Program
Johns Hopkins University School of Medicine

Annette Lavezza, OTR/L
Therapy Manager
Acute Care Therapy Consult Services
The Johns Hopkins Hospital
Julie Quinn, PT, MSeD, PCS
Physical Therapist
Pediatric Rehabilitation Team Leader
The Johns Hopkins Hospital

JOHNS HOPKINS SPEAKERS
Judith Ascenzi, DNP, RN
Director of Pediatric Nursing Program
Sean Barnes, MD, MBA
Assistant Professor
Amy Bayliss, MS, OTR/L
Occupational Therapist
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, BCRP, ATP
Clinical Specialist
Deadria Clarke, RRT
Respiratory Care Practitioner
Michelle Cvach, MS
Project Analyst
Kelly Daley, PT, MBA
Program Coordinator
Eleni Flanagan, DNP, MBA, RN, NEA-BC
Assistant Director of Nursing
Krista Hajnik, BHSc, RRT-NPS
Respiratory Care Practitioner
Stephanie Hazen, BSc, RRT-NPS
Respiratory Care Practitioner
Stephanie Hiser, PT, DPT
Physical Therapist
Erik Hoyer, MD
Assistant Professor
Yun Kim, MS, OTR/L
Occupational Therapist
Lisa Klein, MSN, RN, AGCNS-BC, CNRN
Clinical Nurse Specialist
Therese Kling-Cole, MA, CCC-SLP
Speech Language Pathologist
Sowmya Kumble, PT, MPT, NCS
Clinical Resource Analyst
Hallie Lenker, PT, DPT
Rehab Team Coordinator
Holly Loosan, PT, STAR/C
Physical Therapist
Meghan Moore, PT, DPT, NCS
Physical Therapist
Karin Neufeld, MD, MPH
Associate Professor
Ann Parker, MD
Assistant Professor
Alexandra Parra, PT, DPT, PCS
Physical Therapist
Julie Patterson, MSOT, OTR/L
Occupational Therapist
Caroline Potter, MS, CCLS, CIMI
Child Life Specialist
John Probasco, MD
Associate Professor
Paul Ricard, PT, DPT, CCS
Rehab Team Coordinator
Emily Rogers, PT, DPT, STAR/C
Physical Therapist
Holly Russell, MS, OTR/L
Rehab Team Leader
Nicole Schechter, PsyD
Assistant Professor
Jason Seltzer, PT, DPT
Rehab Team Coordinator
Yiota Senekkis-Florent, PhD, CCC-SLP
Speech Language Pathologist
Meghan Shackelford, MSN, CRNP-AC
Nurse Practitioner
Jennifer Snider, MSN, CPNP-AC
Senior Nurse Practitioner
Kerry Vela, PT, DPT, PCS
Physical Therapist
Dominique Vinh, MD, FACP, MBA
Clinical Associate
Kathleen Wagner-Kosmakos, RN, MS
Clinical Nurse Specialist
Emily Warren, MSN, RN, CCRN-K
Nurse Manager
Stephen Wegener, PhD, ABPP-RP
Professor
Beth Wieczorek, DNP, CRNP
Nurse Practitioner Manager
Daniel Young, PT, DPT, PhD
Visiting Scientist
Sam Young, MS, RN
Clinical Nurse Specialist
Jennifer Zanni, PT, DScPT, CCS
Physical Therapist
SPEAKERS

Michele Balas, PhD, RN, CCRN-K, FCCM, FAAN
Associate Professor
The Ohio State University College of Nursing
Columbus, Ohio

T. Brian Callister, MD, FACP, SFHM
Associate Professor
University of Nevada Reno School of Medicine
Las Vegas, Nevada

Christopher Cox, MD, MHA, MPH
Associate Professor
Duke University Medical Center
Durham, North Carolina

Amanda Dawson, PhD
Vice President of Research
Select Medical
Mechanicsburg, Pennsylvania

John Devlin, PharmD, BCCCP, FCCM, FCCP
Acting Chair Department of Pharmacy Practice
Northeastern University
Boston, Massachusetts

Randy Dubin, MA, CCC-SLP
Speech Pathology Team Leader
University of Pennsylvania Health System
Philadelphia, Pennsylvania

Heather Dunn, PhD, ACNP-BC, ARNP
Post-Doctoral Fellow
University of Iowa College of Nursing
Iowa City, Iowa

Joanne Edwards, MSW, LSW, CCM
Senior Director of Case Management
Select Medical
Mechanicsburg, Pennsylvania

Lauren Ferrante, MD, MHS
Assistant Professor
Yale School of Medicine
New Haven, Connecticut

Samuel Hammerman, MD, MMM, CPE, FCCP
Senior Vice President and Chief Medical Officer
Select Medical LTACH Division
Shavertown, Pennsylvania

Dale Hengesbach, MBA
Executive Director of Special Strategic Projects
RML Specialty Hospitals
Chicago, Illinois

Alan Jette, PT, PhD
Professor
MGH Institute of Health Professions
Boston, Massachusetts

Gregory Mayro, MD
Associate Professor
University of Pennsylvania School of Medicine
Philadelphia, Pennsylvania

Mark Mikkelsen, MD, MSCE, FCCM
Associate Professor
University of Pennsylvania School of Medicine
Philadelphia, Pennsylvania

Amy Petrinec, PhD, RN
Assistant Professor
Kent State University College of Nursing
Kent, Ohio

Beth Sarfaty, PT, MBA
Vice President of Rehabilitation
Select Medical
Mechanicsburg, Pennsylvania

Judith Tate, PhD, RN
Assistant Professor
The Ohio State University College of Nursing
Columbus, Ohio

Jason Urbanek, MOT, OTR/L
Rehab Therapy Manager
Select Medical Specialty Hospital
Johnstown, Pennsylvania

Avelino Verceles, MD, MS
Assistant Professor
University of Maryland School of Medicine
Baltimore, Maryland

John Votto, DO, FCCP
Professor
University of Connecticut School of Medicine
Farmington, Connecticut
Eighth Annual Johns Hopkins Critical Rehabilitation Conference
October 10-12, 2019

To Register:
Online: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=17203
Fax: (866) 510-7088    Phone: (410) 502-9636

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner Room 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

☐ I am a Johns Hopkins speaker for this activity.

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>M.I.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Highest Degree</th>
<th>Primary Specialty</th>
<th>Hopkins Faculty/Staff Only – JHED ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>For Physicians Only</th>
<th>NPI 10 digit #</th>
<th>State License #</th>
<th>State of License:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ABIM #</th>
<th>Birth Month</th>
<th>Birthday Day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Organization</th>
<th>Mailing Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Zip + 4 Code</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Daytime Telephone</th>
<th>Fax Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Email (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

### Registration Fees:

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Early Bird Pricing until June 30, 2019</th>
<th>Regular Pricing July 1, 2019 and after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations Courses October 10</td>
<td>$245.00</td>
<td>$295.00</td>
</tr>
<tr>
<td>Main Conference Adult ICU October 11-12</td>
<td>$425.00</td>
<td>$495.00</td>
</tr>
<tr>
<td>Main Conference Pediatric ICU October 11-12</td>
<td>$425.00</td>
<td>$495.00</td>
</tr>
</tbody>
</table>

### 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.

Total amount $_______________