

## **Life After Critical Illness - State of the Science and Future Directions**

This interprofessional consensus meeting will focus on international concerns regarding the post discharge impact of critical illness on child and family outcomes. Researchers with active programs of post-PICU research will present their current work, identify gaps and propose best-practices on outcomes measurement. Participants will engage in open dialogue and, using an audience response system, help prioritize research questions and articulate a research agenda focused on improving child and family outcomes post critical illness.

### Objectives:

1. Discuss the current state of the science in child and family outcomes post-pediatric critical illness.
2. Describe core outcome metrics of concern to the field of pediatric critical care.
3. Prioritize research questions of concern to the pediatric population and their families post critical illness.
4. Prioritize an international research agenda that will help to move science forward in this substantive area.

### Agenda

- 8:30-8:45      Welcome and Introduction  
Martha A.Q. Curley, RN, PhD, FAAN  
Ellen and Robert Kapito Professor in Nursing Science  
University of Pennsylvania, Philadelphia, PA (USA)
- 8:45-9:30am    Post-Intensive Care Syndrome – Pediatric Perspective  
Ramona O. Hopkins, PhD  
Director, Neuroscience Center  
Professor Psychology and Neuroscience  
Brigham Young University, Provo, UT  
Center for Humanizing Critical Care  
Intermountain Health Care, Murray, Utah  
Pulmonary and Critical Care Division  
Intermountain Medical Center, Murray, Utah (USA)
- 9:30-10am      Psychological impact of critical illness  
Gillian Colville, MPhil CPsychol AFBPsS  
Consultant Clinical Psychologist  
Paediatric Psychology Service  
St George's University Hospitals NHS Foundation Trust  
London (UK)
- 10-10:30       Studying children's long-term psychological and behavioral outcomes  
                                 following critical illness  
Janet Rennick, RN, PhD  
Nurse Scientist, The Montreal Children's Hospital  
Associate Professor, McGill University, Montreal (CA)

- 10:30-11:00 Break
- 11:00-11:30 Family outcomes post PICU  
Hennie Knoester, MD PhD  
Pediatric Intensivist  
Emma Children's Hospital/Academic Medical Centre  
University of Amsterdam (NE)
- 11:30-12:30 Morning Panel (Hopkins, Colville, Rennick, Knoester)  
Facilitated by Jos Latour, RN, PhD  
Professor in Clinical Nursing  
School of Nursing and Midwifery, Plymouth University (UK)
- 12:30-13:00 Changing the Outcome Paradigm: Severity of Illness, Morbidity and Mortality  
Murray M Pollack, MD  
Children's National Health System, Washington, DC  
Professor of Pediatrics, George Washington University (US)
- 13:00-14:00 Lunch
- 14-14:30 Functional outcomes post pediatric critical illness  
Karen Choong MB, BCh, MSc  
Associate Professor  
McMaster University  
Dept of Pediatrics and Critical Care
- 14:30-15:00 Cognitive outcomes post pediatric critical illness  
Sheri Crow, MD, MSc  
Assistant Professor  
Department of Pediatrics and Health Services Research  
Mayo Clinic, Rochester, MN, USA
- 15:00-15:30 Health-related quality of life after pediatric critical illness  
Scott Watson, MD, MPH (Seattle, USA)  
Professor of Pediatrics  
University of Washington  
Center for Child Health, Behavior, and Development; Seattle Children's Research  
Institute
- 15:30-16:30 Afternoon Panel (Pollack, Choong, Crow, Watson)  
Facilitated by Lyvonne Tume, PhD  
Senior Clinical Nursing Research Fellow  
School of Health at University of Central Lancashire, Preston  
Children's Critical Care Unit, Alder Hey Children's NHS Trust, Liverpool (UK)

16:30-17:00 What we need to know, now  
Martha A.Q. Curley, RN, PhD, FAAN