

# Programme & Speakers

---

## Scientific Programme final

### November 9th

Welcome

17.00 Guided City Walk

18.30 Welcome by the mayor of Leuven and reception City Hall Leuven

### November 10th

8.00 - 8.45 Registration

8.45 - 9.00 Welcome - Patient Testimony

9.00 - 10.30 Lectures

#### **Weaning**

State of the art - A.Demoule (FR)

Diaphragm dysfunction in weaning failure - L.Heunks (NL)

Inspiratory muscle training - R. Gosselink (B)

10.30 - 11.15 Coffee Break - Poster Viewing/Exhibition visit

11.15 - 13.15 Workshops

1. Team approach for successful implementation of early mobilization - C. Hickmann (B)  
The Bond of Trust - A. Bruyneel (B)
2. Early mobilization during extracorporeal circulation-G.Hermans/B.Frickx/I.Demeyere/L. Vercaemst (B)  
Treadmill walking - J. Sommers (NL)
3. Respiratory muscle assessment and training - Ultrasonography - J. Doorduyn (NL)  
Inspiratory muscle training - D. Langer/B. Clerckx/M. Van Hollebeke (B)
4. Functional status: - Chelsea Critical Care Physical Assessment (CPAx) - E. Corner (UK)  
From critical illness towards health: The 'Positive Health Tool' to assess the (health care) needs and abilities of ICU survivors - M. Van der Schaaf (NL)

13.15 - 14.15 Lunch - Poster viewing/Exhibition visit

14.15 - 15.45 Lectures

#### **Rehabilitation and weaning in special populations**

Obesity - A. De Jong (FR)

Rehabilitation in severe brain injury - M.Bartolo (IT)

Pediatrics: let's move on! - R. Hopkins (USA)

15.45 - 16.15 Coffee break - Poster Viewing/Exhibition visit

16.15 - 17.45 Abstract presentations: 6 selected abstracts (15 min. each)

19.00 Dinner University Hall - Jubileum Zaal

## November 11th

9.00 - 10.30 Lectures

### **ICU (AW) recovery**

Long-term outcomes after critical illness - G. Hermans (B)

How early should early rehabilitation be considered? - B. Connolly (UK)

Rehabilitation for ICU survivors - where are we? - B. O'Neill (IRL)

10.30 - 11.15 Coffee break - Poster viewing/Exhibition visit

11.15 - 13.15 Workshops (repetition of November 10th)

1. Team approach for successful implementation of early mobilization - C. Hickmann (B)  
The Bond of Trust - A. Bruyneel (B)
2. Early mobilization during extracorporeal circulation-G.Hermans/B.Frickx/I.Demeyere/L.Vercaemst (B)  
Treadmill walking - J. Sommers (NL)
3. Respiratory muscle assessment and training - Ultrasonography - J. Doorduyn (NL)  
Inspiratory muscle training - D. Langer/B. Clerckx/M. Van Hollebeke (B)
4. Functional status: - Chelsea Critical Care Physical Assessment (CPAx) - E. Corner (UK)  
From critical illness towards health: The 'Positive Health Tool' to assess the (health care) needs and abilities of ICU survivors - M. Van der Schaaf (NL)

13.15 - 14.15 Lunch - Poster viewing/Exhibition visit

14.15 - 15.30 Lectures

Sequela of critical illness: how are you and your family doing? - R. Hopkins (USA)

Recovery after critical illness - putting the puzzle together - N. Hart (UK)

15.45 - 16.00 Awards, Amsterdam Meeting 2019, Closing remarks

## Keynote Speakers

In addition to a Faculty of nationally renowned speakers, we also have the pleasure of inviting several international keynote speakers at each meeting who are recognized leaders in the field. The conference also provides the opportunity for clinicians to present abstracts of their work in either spoken presentation or poster discussion formats.

### **Michelangelo Bartolo, MD, PhD**

Director Department of Rehabilitation, Clinical Director  
Neurorehabilitation Unit, at Habilita Zingonia, Bergamo,  
Italy

Expertise: neurology, neurological rehabilitation, acquired brain injuries



**Arnaud Bruyneel, RN, CCRN, MSc**

*Mobile team of acute medicine (ICU, PICU and emergency), Teacher in intensive care specialization and emergency care, president of the SIZ nursing. Researching in N/P ratio via the Nursing Activities Score.*



**Beatrix Clerckx, PT**

*Physical Therapist, Department of Rehabilitation Sciences KU Leuven, department of Intensive Care Medicine, University Hospitals Leuven, Belgium*

Expertise: physiotherapy and early rehabilitation in patients with acute critical illness on the intensive care unit, respiratory and peripheral muscle assessment and training in patients with acute critical illness.



**Dr Eve Corner, PhD, MRes, BSc (hons).**

*Lecturer at Brunel University London and Specialist Physiotherapist in Cardiothoracics The Royal Brompton and Harefield NHS Trust*

Expertise: Outcome measurement, physiotherapy, early mobilisation, quality improvement science, post ICU syndrome.

**Bronwen Connolly, PhD, MCSP**

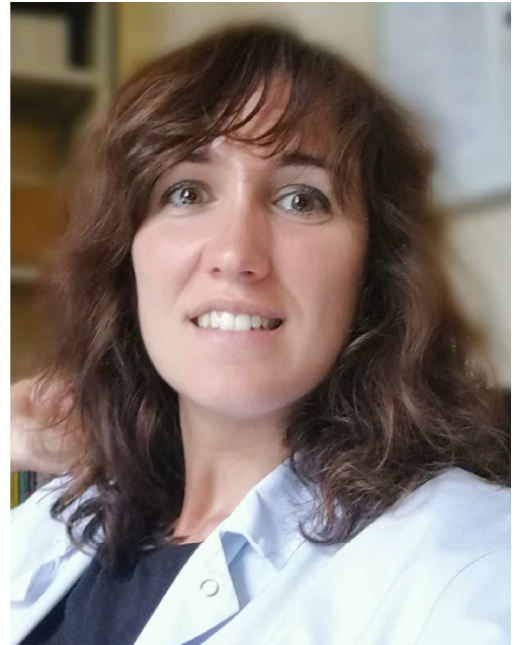
*Consultant Clinical Research Physiotherapist, Guy's and St. Thomas' NHS Foundation, London, UK*

Expertise: Physical rehabilitation during critical illness and recovery; peripheral skeletal muscle assessment; long-term outcomes after critical illness; trial methodology

**Audrey De Jong, MD, PhD**

*Associate professor in the Department of Anaesthesia and Intensive Care Saint-Eloi Hospital, Montpellier, France.*

Expertise: Airway and ventilatory management, obese patients, communication with families and biostatistics



**Inge Demeyere, PT**

*Physical Therapist in the Department of Rehabilitation Sciences KU Leuven and the department of Intensive Care Medicine, University Hospitals Leuven, Belgium*

Expertise: physiotherapy and early rehabilitation in (pediatric) patients with acute critical illness on the intensive care unit, respiratory and peripheral muscle assessment and training in (pediatric) patients with acute critical illness



**Alexandre Demoule, MD, PhD**

*Professor of Intensive Care Medicine, ICU, Weaning center and Respiratory division, La Pitié-Salpêtrière Hospital, Sorbonne University, Paris, France*

Expertise : patient ventilator interactions, respiratory muscles in the ICU, weaning from mechanical ventilation, non invasive ventilation



**Jonne Doorduyn, PhD**

*Assistant Professor in the Department of Neurology at Radboud university medical center, Nijmegen, The Netherlands*

Expertise: respiratory neurophysiology, respiratory muscle assessment and technological innovations in patients with neuromuscular disorders and critically ill patients



**Bregje Frickx, PT**

*Physical Therapist at the Department of Rehabilitation Sciences KU Leuven, department of Intensive Care Medicine, University Hospitals Leuven, Belgium*

Expertise: Respiratory physiotherapy in acute and chronic settings, early mobilisation in patients with acute critical



illness on the intensive care unit, respiratory and peripheral muscle assessment and training in patients with acute critical illness



**Rik Gosselink, PT, PhD, FERS**

*Full professor in the Department of Rehabilitation Sciences at KU Leuven, Belgium.*

Expertise: physiotherapy, respiratory and peripheral muscle assessment and training in patients with acute and chronic respiratory conditions



**Leo Heunks, MD, PhD**

*Amsterdam UMC, location VUmc, Amsterdam, The Netherlands*

Expertise: Respiratory physiology, in particular respiratory muscles and mechanical ventilation in ICU patients



**Cheryl Hickmann, PT, PhD**

*Physiotherapist in the Intensive Care Unit, Cliniques universitaires Saint-Luc, Université Catholique de Louvain, Brussels, Belgium.*

Expertise: Early mobilization, respiratory and motor physiotherapy in the ICU. Clinical and translational research in early mobilization

**Ramona O. Hopkins, PhD**

*Full professor in the Psychology Department and Neuroscience Center, Brigham Young University, Provo, Utah, USA and Senior Research Associate, Pulmonary and Critical Care Medicine, Intermountain Medical Center., Murray, Utah, USA*

Expertise: neurocognitive, neuropsychiatric and quality-of-life outcomes following critical illness; including cognitive, psychiatric, physical and quality of life outcomes for patients and their families. She also has expertise neuroimaging following critical illness. She has published over 200 peer-reviewed publications.

**Daniel Langer**

*Assistant professor in the Department of Rehabilitation Sciences at KU Leuven, Belgium.*

Expertise: Respiratory physiotherapy and respiratory rehabilitation, respiratory muscle assessment at rest and



during exercise and respiratory muscle training in patients with acute and chronic respiratory conditions



**Brenda O'Neill PhD, BSc, MCSP**

*Senior Lecturer in Physiotherapy, Centre for Health and Rehabilitation Research, School of Health Sciences, Ulster University, Northern Ireland*

Expertise: physiotherapy, rehabilitation, exercise, activity and self management in patients after critical illness and with chronic respiratory conditions



**Juultje Sommers, PT, MSc**

*Physical therapist at the Department of Rehabilitation, Amsterdam University Medical Centers, Location AMC*

Expertise: Physical therapist with clinical experience in hospital and acute care. She currently conducts a PhD trajectory in the field of intensive care physiotherapy. Besides her work as a physiotherapist and researcher at the AMC she is also lecturer in bachelor and post graduate physical therapy courses



**Marike van der Schaaf, PT, PhD**

*Associate professor at Amsterdam University Medical Center, AMC and the University of Applied Sciences, Amsterdam, the Netherlands.*

Expertise: physiotherapy in critically ill patients from the ICU to patients' home, rehabilitation in acute care populations, especially older patients and major surgery



**Marine Van Hollebeke, PT**

*PhD student Research Group for Rehabilitation in Internal Disorders, Department of rehabilitation Sciences at KU Leuven, Belgium.*

Expertise: physiotherapy, respiratory muscle assessment and training in patients with weaning failure on the intensive care unit

