



The Intensive Connection



“N&AHP Hot Topics in ICU” Learning Programme 2020

Webinars

1. Detection and management of secretion retention, is it worth worrying about?

Speaker: George NTOUMENOPOULOS BAppSc (Physio), BSc, Grad Dip Clin Epid., PhD, Consultant Physiotherapist Intensive Care, St Vincent’s Hospital Sydney, Australia. Dr George Ntoumenopoulos is an Australian trained PhD-qualified physiotherapist who was previously in the UK from 2002-2012 as Consultant Physiotherapist in Critical Care at Guy’s and St Thomas’ NHS Foundation Trust (GSTFT). George’s research focus is on outcome measures and interventions for acute respiratory management of the critically-ill patient. George has initiated bespoke post-graduate training courses in diagnostic lung ultrasound for respiratory physiotherapists.

Moderator: David MCWILLIAMS BSc (Hons), MSc, PhD, Consultant Physiotherapist Critical Care, Physiotherapy - University Hospitals Birmingham NHS Foundation Trust, Queen Elizabeth Hospital Birmingham, Mindelsohn Way, Edgbaston, Birmingham, United Kingdom

Overall aim: Provide an overview of secretion removal practices and their effectiveness in intensive care patients

Learning outcomes: to develop an understanding of how airway secretions may impact on lung mechanics; how to best detect secretion retention, optimal secretion clearance strategies and controversies

2. ICU Delirium Management & Prophylaxis

Speaker: MARK VAN DEN BOOGAARD is a senior researcher at the ICU department of the Radboud university medical center in Nijmegen, the Netherlands, with a background in ICU nursing. His ICU delirium research line is focusing on delirium prediction and delirium prevention. Within this focus he performed multiple multicenter studies, including multinational studies, and he was member of the PADIS guideline (Published in 2018, Critical Care Medicine) regarding ICU delirium.

Moderator: Margo VAN MOL, is a senior researcher at the ICU department of Erasmus Medical Centre in Rotterdam, the Netherlands. She is coordinator of person-centered care projects in the ICU. Her line of research focuses on the relationship between work stress, resilience and work pleasure among ICU professionals.

Overall aim: Provide insight in delirium management using the ABCDEF bundle of care with a focus on long-term outcomes

Learning outcomes: to develop an understanding of ABCDEF bundle, delirium screening, use and effect of medication, preventive strategies, long-term outcomes



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3. Renal Replacement Therapy

Speaker: Silvia CALVINO – GUNTHER, Nurse Educator, Centre Hospitalier, Universitaire Grenoble Alpes, France

Moderator: Anne-Sophie DEBUE, Critical Care Nurse / Researcher, Paris Descartes University Hospital, France

Overall aim: Describe the interest and aims of renal replacement therapy in ICU, the benefits and risks for patients, and the implications on nursing practice

Learning outcomes: to develop an understanding of the origins of renal replacement and the development in ICU, general overview of the different RR techniques: hemofiltration, dialysis, continuous or intermittent ... (Is there a gold standard?), indications and timing, results of latest studies on RRT in ICU, the place of the bedside nurse during the renal replacement therapy

4. Management of Raised Intracranial Pressure

Speaker: Chris BRUNKER, Clinical Nurse Specialist Neuro Intensive Care Unit, St George's University Hospitals NHS Foundation Trust, London, United Kingdom

Moderator: Marta BOROWSKA, Specialist Nurse, Ghent University Hospital, Belgium

Overall aim: Provide an overview of the management of ICP in TBI

Learning outcomes: to develop an understanding of principles of ICP and cerebral perfusion, ICP monitoring, management of raised ICP, brain tissue oxygenation, role of multi modal monitoring in brain injury

5. NAHP contribution to Sepsis

Speaker: Elizabeth PAPATHANASSOGLU, Professor, Faculty of Nursing, University of Alberta, Canada

Moderator: Katerina ILIOPOULOU, Postdoctoral Research Fellow, King's College London, United Kingdom

Overall aim: Provide an overview of the current knowledge and practices in early identification of sepsis and the implications of its management in critically ill patients

Learning outcomes: to develop an understanding of sepsis signs and symptoms with regards to pathophysiology, review of the most recent updates to the Surviving Sepsis guidelines and the bundle, where and how nurses fit (or contribute?) into the current management of sepsis?, description of sepsis NAHP quality indicators, international nursing collaborations to promote sepsis agenda

6. Pressure Ulcers in ICU

Speakers:

Stijn BLOT, Professor, Faculty of Medicine & Health Sciences University Gent, Belgium

Sonia LABEAU, Researcher / Lecturer, University College Ghent, Belgium

Moderator: Nikolaos EFSTATHIOU, Lecturer/Researcher, University of Birmingham, United Kingdom



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Overall aim: Provide a non-exhaustive overview of the aetiology, epidemiology, classification and prevention guidelines of pressure injuries

Learning outcomes: to develop an understanding of the pathophysiology of pressure injury development in critically ill patients; the risk factors for pressure injury development in the ICU; the epidemiology of pressure injuries in the ICU; the physical, psychological and social consequences of pressure injuries for ICU patients; the different ways in which pressure injuries affect caregivers, healthcare organizations, and the society; the classification of pressure injuries according to the most recent internationally supported classification system; interpretation and application of these guidelines, their strengths and limitations.