“NAHP Hot Topics in ICU” Webinar Series 2020

1. Detection and management of secretion retention, is it worth worrying about?
   **Speaker:** George NTOUMENOPoulos, Associate Professor/ Consultant Physiotherapist St Vincent Hospital Sydney, Australia
   **Moderator:** David McWILLIAMS, Consultant Physiotherapist, Queen Elizabeth Hospital 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 standard closed airway suctioning, saline lavage, postural drainage, chest wall vibrations, manual-assisted cough and/or lung hyperinflation, lung sound monitoring

2. ICU Delirium Management & Prophylaxis
   **Speaker:** Mark VAN DEN BOOGAARD, Assistant Professor, Radboud University Medical Centre, Nijmegen, The Netherlands
   **Moderator:** Margo VAN MOL, Postdoctoral Researcher at Erasmus Medical Centre, Rotterdam, The Netherlands

   **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

3. Renal Replacement Therapy
   **Speaker:** Silvia CALVINO – GUNTHER, Nurse Educator, Centre Hospitalier, Universitaire Grenobles Alpes, France
   **Moderator:** Anne-Sophie DEBUÈ, 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 PAPATHANASSOGLOU, 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

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.