

## **EfCCNa Research Awards 2013**

### **Sleep Disturbances and Sedation Practices in the Intensive Care Unit: an International Survey**

**PI: José Hofhuis RN, PhD; Peter Spronk, MD, PhD**

Introduction This survey aims to answer the following two research questions:

- (1) How are the sedation and sleeping practices organized in adult ICUs across different countries?
- (2) What is the responsibility of the ICU staff for key sleep and sedation decisions in adult ICUs across different countries?

Methods: A multi-centre, self-administered survey of adult ICUs across different countries. This survey will identify current sleep and sedation practices on the ICU as reported by nurse managers or a senior critical care nurse.

Progress: 10 countries participated in the study (UK; Denmark; Norway; Canada; Italy; Germany; Greece; Poland; Sweden; Cyprus).

Data collection is complete and the findings have been analysed.

The paper is presently undergoing review by the co-authors with a view to publication shortly.

### **Study of Variability of Care Provided during Non-invasive Mechanical Ventilation**

**PI: Marta Raurell**

Research questions: This study has two principal aims:

- 1) To assess health care professionals' knowledge about NIV, in a cross-cutting descriptive study using a validated survey of physiotherapists; nurses in intensive and emergency care units, intermediate care, and hospital floors; and doctors and residents in anaesthesiology, emergency care, intensive care, internal medicine;
- 2) To identify predictors (patient characteristics, unit where NIV was administered, NIV procedures) of NIV success, failure and complications in a prospective cohort study in four public hospitals in Spain.

Progress: The study is completed and an aspect of it was presented in Valencia at the Congress in 2015.