

Course title: ANAESTHESIOLOGY AND NURSING IN LIFE-THREATENING DISORDERS

ECTS credit allocation (and other scores): 5 and additional 3 ECTS professional practice (with placement tutor)

Semester: spring

Level of study: ISCED-6 - first-cycle programmes (EQF-6)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 75

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Type of classes: classes and lectures

Substantive content

CLASSES: Standards of handling emergencies and life-saving procedures (hospital ALS). Nursing procedures when caring for critically ill patients (nutrition support, management of central venous access and arterial lines, tracheal suctioning, prevention of complications related to prolonged bed rest). Diagnostic and therapeutic procedures in anaesthesiology and in life-threatening disorders (oxygen therapy, intubation, care for tracheostomy tube, VAP prevention, blood diagnostic tests). Assessment, nursing diagnosis, goals and plan of care in anaesthesiology and life-threatening disorders.

LECTURES: Organization of anaesthesiology and intensive therapy system in Poland. Prevention of infection at intensive care units and at the operating theatre. Etiopathogenesis, pathophysiology, clinical symptoms, treatment, prognosis and nursing care in acute respiratory failure, cardiogenic shock, neurologic dysfunctions, sepsis. Caring for the critically ill patients with life-threatening disorders and their families. Managing pain in the critically ill patients with life-threatening disorders. Basic and advanced monitoring of the patients during anesthesia and in life-threatening disorder. General and regional anesthesia. Post-anesthesia care - prevention of complications.

Learning purpose: prepare students to recognize life-threatening situations and provide nursing care during anesthesia and in life-threatening disorders.

On completion of the study programme the graduate will gain:

Knowledge: the standards and procedures of handling emergencies and life-saving procedures, the rules of preparing an operating room for a surgery with general and regional anaesthesia, the directions of patient monitoring in intensive care unit and during and after the anesthesia to prevent early and late complications;

Skills: to make assessments of a patient's general health condition, recognise threats to life, document a patient's health condition, its changes and nursing care provided; assist a physician during diagnostic and therapeutic procedures; document the nursing care provided to the critically ill patients with life-threatening disorders.

Social Competencies: respects the dignity, autonomy and patient's rights, shows moral responsibility for a person, cooperates within an interdisciplinary team in solving ethical dilemmas, maintains principles of the code of professional ethics

Basic literature: 1. The European Resuscitation Council Guidelines for Resuscitation, <https://cprguidelines.eu/> the latest version. 2. Anaesthesia for Medical Students. Pat Sullivan M.D. 1999 Edition. Department of Anaesthesia, Ottawa Civic Hospital <https://www.si.mahidol.ac.th/Th/department/anaesthesiology/rd/sullivan.pdf>



Supplementary literature: the papers published in professional journals related to nursing in critical care

The allocated number of ECTS points consists of: Lectures and classes 2 ECTS, practical skills 3 ECTS, professional practice 3 ECTS (with placement tutor)

Student's independent work: 0,5 ECTS

Contact hours with an academic teacher: 75 (Lectures and classes) and 80 (practice training)

Professional practice (with placement tutor): 80 hours