Anesthetic Nurse Specialist, LAB University of Applied Sciences

3. EDUCATION CONTENT AND COMPETENCE

The studies include five modules that examine key themes in anesthetic nursing: patient safety, clinical decision-making skills, consultative competence, teamwork, and emergency management skills. The studies include a practical training module worth five ECTS units, which must be performed in a separately defined work unit other than the student's original work community. For instance, the practical training can be arranged as a rotating job according to the demand for expertise and the employment situation of the organisation and the student. Students are responsible for acquiring practical training positions at an appropriate time. All the modules included in the studies aim to strengthen and expand previous expertise and to develop advanced professional capabilities that allow the students to act in multidisciplinary anesthetic nursing environments.

Anesthetic nurse specialist 30 ECTS
Clinical expertise in anesthetic nursing 10 ECTS
Cooperative skills and occupational competence 5 ECTS
Emergency nursing 5 ECTS
Development and consultation skills 5 ECTS
Practical training in anesthetic nursing 5 ECTS

3.1. Clinical expertise in anesthetic nursing 10 ECTS

Objectives

- Knows how to perform, document and develop clinical anesthetic nursing competence in a responsible manner and according to national and international competence standards.
- Takes professional and ethical responsibility regarding decision-making in the different phases of a patient's treatment process.

- Knows how to perform client-oriented, safe and evidence-based anesthetic nursing in various operating environments.
- Expands and knows how to apply their pharmacological and clinical physiology competence in anesthetic nursing to safeguard the patient's vital functions.
- Knows the principles of pain management in all age groups and takes the needs of special groups into account.
- Recognises and meets the special needs of patients with demanding treatment.

Contents

- Anesthesiology and intensive care in anesthetic nursing
- Patient safety and risk management
- Technological skills and equipment safety in anesthetic nursing
- Monitoring and treatment of the patient's vital functions
- Pharmacology and clinical physiology
- Body fluid balance, fluid therapy and blood products
- Acute pain management
- Demanding anesthesia

3.2 Cooperative skills and occupational competence 5 ECTS

Objectives

- Identifies the boundaries of their professional competence and area of responsibility in anesthetic nursing.
- Recognises strengths and development areas in their own expertise in multiprofessional interaction and cooperation.
- Promotes collegial approach to anesthetic nursing and acts accordingly.
- Develops personal capabilities to function in different networks.
- Knows the basic principles of emergency communication and management, manages situational awareness and understands their role in crisis situations.

Contents

- Self-management and multiprofessional cooperation
- CRM in crisis communications
- Expert communication
- Networking skills

3.3 Emergency nursing 5 ECTS

Objectives

- Develops personal capabilities to identify and prevent deviations in a patient's vital functions.
- Is capable of making quick decisions as a member of a multidisciplinary team in an emergency.
- Knows how to react and function in different phases of anesthetic nursing in various emergency situations and how to evaluate the impact of treatment.
- Knows how to use the ABCDE protocol to initiate the treatment of a critically ill patient. Manages the ISBAR reporting model and is able to effectively communicate information about the patient they are treating to other healthcare professionals.
- Develops personal capabilities to overcome mentally stressful situations.

Contents

- Reading an ECG and hazardous arrhythmias
- Urgency evaluation / The ABCDE Method
- Advanced life support
- Massive haemorrhage
- Management of difficult intubation procedures
- Trauma patients
- Pediatric emergencies
- Professional well-being and debriefing

3.4 Development and consultation skills 5 ECTS

Objectives

- Knows how to act flexibly in organisational changes.
- Knows how to analyze, develop and evaluate the needs for change in their operating environment.
- Has the capability to perform consultation and education tasks in the expert area of anesthetic nursing.
- Exerts influence as an anesthesia nurse and strengthens a positive professional identity through multiple channels.
- Client orientation and quality in anesthesia services.
- Knows how to evaluate and apply evidence-based data in anesthetic nursing.

Contents

- Evidence-based practises
- Project and process management
- Carrying out a development project and publishing the results

3.5 Practical training in anesthetic nursing 5 ECTS

Objectives

- Strengthens and expands professional expertise and clinical decision-making skills using the know-how developed through education and previous work experience.
- Develops capabilities for working in anesthetic nursing in a new operating environment based on the principles of continuous learning.
- Makes use of well-being technology in anesthetic nursing.

Contents

- According to the students' personal goal plan, 135 hours of practical training in a new operating environment for anesthesia or intensive care.