



Faculty of Health, Science and Technology  
Nursing Science

## Syllabus

### Theory and practice in specialised theatre care in perioperative care with a focus on teamwork and leadership

**Course Code:** KMA612

**Course Title:** Theory and practice in specialised theatre care in perioperative care with a focus on teamwork and leadership  
*Teori och praktik i specialiserad operationssjukvård inom perioperativ vård med inriktning mot teamarbete och ledarskap*

**Credits:** 22.5

**Degree Level:** Master's level

**Progressive** Second cycle, has second-cycle course/s as entry

**Specialisation:** requirements (A1F)

**Major Field of Study:**

#### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2023-05-26, and is valid from the Spring semester 2024 at Karlstad University.

#### Prerequisites

Admission to the Specialist Nursing programme with a specialisation in theater care, The responsibility and competence of the operating theatre nurse in perioperative care (15 ECTS credits), and 6 ECTS credits of clinical placement (VFU) in the course The theory and practice of basic theatre care in perioperative care, plus upper secondary level Swedish 3 or Swedish as a second language 3 and English 6 or A, or equivalent

## **Learning Outcomes**

Upon completion of the course, students should be able to:

### Knowledge and understanding

1. explain and give an account of how the perioperative care of a patient is to be planned, carried out, assessed, and documented in order not to risk patient safety,
2. give an account of the responsibility and competence of the theatre nurse in relation to cooperation in the surgical team and other professions in perioperative care,
3. give an account of preparedness and organisation in connection with disasters and trauma and related to the operating theatre nurse's participation in the trauma team,
4. give an account of operating theatre nurse's leadership in relation to different organisational theories and the importance of budget work for the operations of theatre care, and
5. identify possibilities for implementing research and development efforts in nursing,

### Competence and skills

6. independently carry out, plan, assess, and document the patient's perioperative care based on evidence-based knowledge,
7. demonstrate and reflect on a professional approach based on a diversity and equal treatment perspective in perioperative care,
8. independently communicate and collaborate with other professions in the surgical team and consult with other professions to ensure and streamline the perioperative care work,
9. identify the patients' needs of care in relation to topographical anatomy and surgical methodology in general and special surgery,
10. be independently responsible for material and equipment being handled with maintained aseptic conditions and consider infection and complication prevention measures based on evidence and proven experience,
11. be independently responsible for ensuring that safety is maintained in the handling of medical/technical equipment related to current laws and guidelines,
12. be independently responsible for the handling and documentation of biological samples,
13. apply preparedness in complex situations and reflect upon and assess the care of seriously ill patients,
14. reflect upon and give an account of systematic quality development and patient safety work in perioperative care, and
15. use various teaching aids to develop care-related pedagogical skills,

### Judgement and approach

16. reflect upon their own learning and needs for further knowledge to develop clinical competence,
17. reflect upon their own professional approach in relation to collaboration in perioperative care, and
18. demonstrate self-knowledge and empathy.

## **Content**

Nursing (5 ECTS cr) and Medical Science (17.5 ECTS cr) are integrated in the course.

Instruction is in the form of lectures, literature study, group work, seminars and 10 weeks of clinical placement (VFU). This is a full-time distance course.

The course includes different components that combine theory and practice. The course studies the operating room nurse's responsibilities and competence in surgery. Furthermore, the perioperative care process is developed during clinical practice as the student completes various study tasks and uses the ideal model "the perioperative dialogue". This is done in order to be able to plan person-centred care based on the patient's story, medical record, and surgery notification. The student plans, implements and evaluates, and documents the patient's perioperative care in collaboration with the patient, the surgical team, and possibly next-of-kin. Students practice communicating and collaborating in the surgical team and with other professions, which is important for ensuring the patient's perioperative care. Based on a professional and ethical approach, students also reflect upon methods and specialist competence in terms of how the patient's dignity can be preserved and diversity respected.

Students practice skills that belong to the professional function of the operating theatre nurse in surgical specialties, together with a main supervisor/supervising operating theatre nurse in clinical practice. During the clinical placement, students acquire in-depth knowledge of topographical anatomy, surgery methodology, aseptics and hygiene, medical technology, and handling biological specimen in order to ensure the patient's care. The theatre nurse is responsible for medical/technical equipment, and students are given the opportunity to learn about the technology, both in theory and in practice, under supervision and throughout the clinical placement period. To deepen understanding of other professional groups in the surgical team, the placement period includes targeted studies within anesthesia care. Leadership is studied in relation to the operating theatre nurse's responsibility and role in relation to cost awareness and participation in the handling of disasters and trauma. Throughout the course, there are continuous discussions online, in group meetings on campus, and during the clinical placement about evidence-based care. Discussions are held about how to provide the patient with the best possible care and opportunities and obstacles for implementation in clinical practice as well as suggestions for various quality and improvement efforts.

One of the grades Pass (G) or Fail (U) is awarded in the examination of the clinical placement.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on:

- Three individual take-home exams, discussed in a follow-up seminar
- One individual online exam
- Seminars
- Examination of performance during the clinical placement (VFU), after 50% and after 100%

Supplementary examination is permitted if 1) material for the assessment of a learning outcome is lacking, 2) if the result is close to the requirements for a Pass grade. Additional material must be submitted within six days of notification.

The number of examination opportunities for the clinical placement (VFU) is limited to two.

If students have a decision from Karlstad University entitling them to Targeted Study

Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

### **Grades**

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

### **Quality Assurance**

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

### **Course Certificate**

A course certificate will be provided upon request.

### **Additional information**

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.

The course is an mandatory course in the Specialist Nursing - Theatre Care programme.

The clinical placement may incur extra costs.

A student who, in the examiner's judgement, will fail to obtain a Pass grade for the practical placement component on the grounds of grave and unprofessional skills and conduct that may cause injury may be required to immediately discontinue the practical training. A student who suffers from mental disorder, abuses alcohol or drugs, or has been guilty of a serious offence endangering others or valuable property can be expelled until further notice. In such a case, the Rector files a complaint to the Expulsion Board of higher education, which investigates the matter and makes a decision. A decision of expulsion shall always entail that the student must discontinue the education until further notice. The Expulsion Board of Higher Education is responsible for all Swedish higher education institutions (the Higher Education Act Ch. 4, sect. 6, SFS 1992: 1434, and Regulations of Student Expulsion from Higher Education SFS 2007: 989).