Course syllabus for

**Operating Room Nursing - Perioperative Nursing Care 1, 15 credits**
Operationssjukvård - perioperativ omvårdnad 1, 15 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:
- Autumn2011
- Autumn2012

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<th>2OT005</th>
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<td>Credits</td>
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<td>Form of Education</td>
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<td>Main field of study</td>
<td>Nursing</td>
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<td>Level</td>
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<td>Grading scale</td>
<td>Fail (U), pass (G) or pass with distinction (VG)</td>
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<tr>
<td>Department</td>
<td>Department of Neurobiology, Care Sciences and Society</td>
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<td>Decided by</td>
<td>Programnämnd 9</td>
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<td>Education committee NVS</td>
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<td>Last revision</td>
<td>2017-03-13</td>
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**Specific entry requirements**

Qualification as a nurse certified by the National Board of Health and Welfare

**Objectives**

The aims of the course are that based on the central concepts of the nursing; man, nursing act/relation, health and environment be able to carry out a person-oriented perioperative nursing at a basic level. In addition to it is it aims of the course to deepen knowledge and skills within nursing and surgical treatment for patients that are nursed within perioperative care and facilitate an evidence-based attitude as nurse practitioner.

Learning outcomes
Part 1. Perioperative nursing within surgery health care
- Be able to account for person-oriented safe perioperative nursing from ethical and socio-cultural principles.
- Be able to describe relationship between evidence-based aseptic and hygienic principles to prevent disease transmission and post-operative wound infections in the care.
- Be able to explain relationship between topographic anatomy, operation methods and technologies within different surgical specialities related to the patient's nursing needs.
- Be able to explain relationships between the knowledge of medical engineering products and operating methodology of the operating room nurse related to person-oriented and safe perioperative nursing.
- Be able to account for instrumental care - and sterilisation processes for safe care.
- Be able to account for correct and safe treatment of tissue samples in connection with surgical encroachments.
- Be able to account for anaesthesiological methods and the importance of these for the patient at the surgical encroachment.
- Be able to evaluate own learning needs and take responsibility for own self-governing learning.

Part 2. Placement at the Operating Room Unit

- By supervision apply person-oriented nursing with a socio-cultural and ethical perspective according to a perioperative nursing process.
- By supervision be able to passing instrument i.e. apply operating methodology with knowledge, ability and methodological technical skills respect the basic medical engineering products that are included at surgical treatment.
- By supervision be able to apply perioperative safety controls; concerning patients' identity, medical engineering products, positioning, unintentional left material and that tissue samples are taken care of correctly.
- By supervision be able to apply evidence-based hygienic and aseptic principles at surgical treatment in the perioperative care.
- Be able to count, give and administrate drug correct and in relation to current laws and regulations.
- Independently be able to communicate and cooperate with the associates in the team with a professional attitude.

Content

Evidence-based care
Hygiene and aseptic
passing instruments
Instrumental care - and Sterilisation processes
Laws and regulations
Handling of drugs
Medical technique
Operation methods and technologies
Perioperative nursing
Person-oriented nursing
The cooperation in team
Safe care
Topographic anatomy

Operating Room Nursing - Perioperative Nursing, 9 hp

Clinical education, 6 hp
Teaching methods

The working methods aim to train a scientific approach through active knowledge acquisition, problem-solving, critical analysis and reflection. In this course, assignments in the form of lectures occur, seminars, group assignments, individual study assignments, literature studies, proficiency training/simulation and placement. Participation in assignments as individual study assignments, seminars, proficiency training/simulation and placement is compulsory. Then the course is web-based can seminars and group assignments also be carried out virtual in real time or asynchronous (the discussion goes on over a long period of time). In case of absence from compulsory parts, compensation in consultation with course coordinator takes place.

The education is web-based and is carried out full-time equivalent 40 hours a week. In each module about 7.5 HE credits, approximately 3-4 compulsory meetings are included on KI Campus Huddinge. Other time is carry out the studies via a digital learning management system with written assignments, examinations, virtual discussions etc

The placement on 4 weeks is located within county council of Stockholm's counties. It can by agreement between involved parties be carried out outside Stockholm's counties. The placement includes 40 hours/week (full-time studies) of which about 32 hours/week is located to nursing. Day -, evening - and night shifts occur. Student not has straight to compress the placement or be located to other time than the one that is timetabled.

Examination

Part 1

Part 1 is examined individually with written examinations. An examination in medical technology and an examination in perioperative nursing, operating methodology and operating technique.

Part 2

Half-time - and final assessment is carry out. Professional supervisor and/or adjunct clinical lecturer give bases of assessment according to established evaluation form for placement. At risk for failure should, latest at the mid-way assessment, responsible university teacher in cooperation with professional supervisors and student establish a written planning for the continued the placement. Drug dosage is examined through a written examination that requires 100% right to pass.

The examiner may with immediate effect interrupt a student's clinical rotation (VFU), or the equivalent, if the student demonstrates such serious deficiencies in knowledge, skills or attitudes that patient safety or patient confidence in healthcare is at risk. When clinical rotation is interrupted according to this, it implies that the student fails in the current part, and that one clinical rotation opportunity is used up.

In such cases, an individual action plan should be set up for required activities and examinations, before the student is given a possibility for a new clinical rotation in the course.

For a Pass grade in the course, it is required that all expected learning outcomes are satisfied which implies passed results in part 1 and 2 and active participation in compulsory parts. To pass with distinction course is required that at least one of the graded parts in part 1 is pass with credit and that part 2 is pass with credit. Grades are assigned by examiner.

Limitation of the number of examination occasions: For all examinations it is the case that the student is entitled to participate in a total of sex examination sessions. Students without approved results after three completed examinations may be offered to retake parts or a course once more. Failed clinical education may be done once more.
Times for examinations are announced at the beginning of the course.

Too late submitted examination assignments are not observed.

Students who not have handed in examination assignments in time, be referred then to the re-examination that should be given after two to six weeks according to KI's guidelines after the examination result on the first examination has been informed.

Transitional provisions

The course has been cancelled and was offered for the last time in the spring semester of 2012. The course has been replaced with another, and examination will be provided according to the guidelines in the syllabus for 2OT008.

Other directives

Course evaluation takes place in accordance with the guidelines established by the Board of Education.

Literature and other teaching aids

Att förebygga vårdrelaterade infektioner - En kunskapsöversikt
Socialstyrelsen, 2006
URL: Länk

Moore, Keith L.; Agur, A. M. R.; Dalley, Arthur F.
Essential clinical anatomy
Library search

Jacobson, Bertil; Öberg, P. Åke
Teknik i praktisk sjukvård
3., omarb. uppl. : Stockholm : Svenska fören. för medicinsk teknik och fysik ;a [Linköping :b P. Å.
Library search

Sarvimäki, Annelid 1947-; Stenbock-Hult, Bettina
Omvårdnadens etik : sjuksköterskan och det moraliska rummet
Library search

Willman, Ania; Stoltz, Peter; Bahtsevani, Christel
Evidensbaserad Omvårdnad
3. uppl. : Studentlitteratur AB, 2011 - 208 s.
Library search

Dåvoy, Grethe Myklestul; Eide, Petrin Hege; Hansen, Ingeborg
Operasjonssykepleie
ICN: etiska kod för sjuksköterskor
URL: http://www.swenurse.se/Documents/Publikation%20pdf-filer/ICNs%20etiska%20kod.pdf

Alexander, Edythe Louise; McEwen, Donna R.
Alexander’s care of the patient in surgery Care of the patient in surgery
Rothrock, Jane C.

Steriliseringsprocesser : validering och rutinkontroll inom svensk hälso-, sjuk- och tandvård