



INSTITUTE OF NEUROSCIENCE AND PHYSIOLOGY

MNV249 Nordic Advanced Spinal Cord Injury Rehabilitation, 7.5 credits

Nordisk avancerad ryggmärgsskaderehabilitering, 7,5 högskolepoäng
Second Cycle

Confirmation

This course syllabus was confirmed by Institute of Neuroscience and Physiology on 2020-03-12 and was last revised on 2021-09-27 to be valid from 2022-01-17, spring semester of 2022.

Field of education: Nursing Science 100%

Department: Institute of Neuroscience and Physiology

Position in the educational system

The course is offered as a contract education.

The course is to be given as contract education at second cycle level.

Main field of studies

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Specialization

A1N, Second cycle, has only first-cycle course/s as entry requirements

Entry requirements

Knowledge corresponding to Swedish 2 and English A as well as qualification at university level of at least 180 credits in some of health sciences' main field of study or the equivalent.

Learning outcomes

On successful completion of the course the student should be able to:

Knowledge and understanding

- Describe how symptoms, prognosis, complications and comorbidity can be explained by functional neuroanatomy and pathophysiological mechanisms for persons with spinal cord injury
- In a Nordic perspective, give an overview of the epidemiology, organisation, and process for rehabilitation of persons with spinal cord injury

Competence and skills

- Identify and discuss possibilities and impediments regarding function, activity and participation for persons with spinal cord injury,
- Critically review and discuss spinal cord injury rehabilitation in their own as well as others', clinical department and within the own profession,
- Evaluate the need for and suggest specific team based rehabilitation interventions in spinal cord injury rehabilitation, from a person-centered perspective and health promotion approaches.

Judgement and approach

- Reflect on equal care, cultural aspects and ethical dilemmas in rehabilitation of persons with spinal cord injuries,
- Reflect on and discuss the need of sustainable rehabilitation, lifelong learning and improvement within spinal cord rehabilitation,
- Evaluate, search, and reflect on scientific literature and evidence based knowledge in spinal cord injury rehabilitation,
- Reflect on and argue for the importance of different professions in the for interprofessional teamwork in the rehabilitation process.

Course content

- This course content comprises anatomy and physiology related to symptoms and regarding level of function, activity and participation and medical and rehabilitation oriented interventions in the acute and rehabilitation stage of spinal cord injuries in a Nordic context. The course also comprises prevention, mechanisms and treatment of complications in spinal cord injury. Furthermore, theoretical frames for, and application of, interprofessional teamwork, team communication and leadership and profound knowledge of improvement is included. The course involves ethical aspects of spinal cord injury. The course gives aspects of health promotion and person-centred care in a Nordic perspective.

Form of teaching

Lectures and seminars, problem-/case based learning (with and without support from supervisor), intra- and interprofessional group assignments with practical

assignments and individual portfolio. The course is a web-based distance learning with two campus occasions (start-up days and close days). Individual studies and in team take place between the campus events.

Language of instruction: English

Course participant's first language can occur in supervision as well as during group assignments and discussions.

Assessment

Assessment takes place one individual portfolio, one presentation of realistic improvement work in team as and one presentation of teams' work according to case methodology. For the grade Pass, passed oral and written presentation of improvement work as well as active participation in compulsory course components such as interprofessional group assignments (80% attendance), seminars and examination is required. Active participation corresponds to critically review and reflect at the time for examination. Absence from an examination will be complimented with a written examination.

If a student, who has failed the same examined component twice, wishes to change examiner before the next examination, a written application shall be sent to the department responsible for the course and shall be granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

In case a course is discontinued or has undergone major changes the student should normally be guaranteed access to at least three examination sessions (including regular examination session) during a period of at least one year based on the earlier set-up of the course.

Grades

The grading scale comprises: Pass (G) and Fail (U).

Course evaluation

On completion of the course, an anonymous, digital course evaluation is carried out. The result and any changes to the course setup will be communicated to the students who carried out the evaluation and to the students who are to start the course.