



**Karolinska
Institutet**

Course syllabus for

Physiotherapy 5 - Clinical Physiotherapy, 15 credits

Fysioterapi 5 - Tema klinisk fysioterapi, 15 hp

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

Course code	1FY012
Course name	Physiotherapy 5 - Clinical Physiotherapy
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Physiotherapy
Level	G1 - First cycle 1
Grading scale	Pass, Fail
Department	Department of Neurobiology, Care Sciences and Society
Decided by	Programme Committee 3
Decision date	2015-05-04
Course syllabus valid from	Autumn 2015

Specific entry requirements

To may start the course Physiotherapy 5- Clinical Physiotherapy semester 3, should all courses from semester 1 and 2 be approved.

Students who fail a clinical placement (or equivalent) as a result of demonstrating such a serious lack of knowledge, skills or attitude that patient safety or the patients' confidence in medical care is at risk, will only be qualified for a new clinical placement once the individual action plan has been carried out.

Objectives

The course should place the basis to professional identity and professional attitude in a clinical context by the student integrating basic subject knowledge with newly acquired physiotherapy knowledge, skills and attitudes.

Learning outcomes

On completion of the course, the student should be able to

- account for the physiotherapy process and the different components included in ICF's (International Classification of Functioning, Disability and Health) model for classification of

functioning, disability and health as well as with support, apply the physiotherapy process and ICF in documentation of findings, practically problems, aims, treatment/training and results in medical record

- describe and apply standardized examination, treatment and evaluation methods as well as based on the physiotherapy the assessment of clinical findings with support, be able to suggest, adapt and evaluate aim, training, treatment e.g. respect respiration and circulation, pain, strength, range of motion, balance, transfer and time
- collect, evaluate and use information about the patient from different sources and show problem-solving ability as well as be responsible for the own learning and his professional development by search and exchange knowledge and experiences actively based on an evidence-based working method
- apply strategies for treatment and cooperation so that the relation with the patient, the family and the team are characterized by good contact, trust, respect and with support, adaptation to the situation
- reflect on own values and reactions in the meeting with the patient i.e. the ethical attitude as well as be able to reflect on own effort in a patient meeting
- act based on current laws, regulations, hygiene and safety aspects and be able to carry out cardiopulmonary resuscitation at a basic level

Content

The course contains clinical physiotherapy at first cycle level. Theory, methodology and clinic will be integrated.

Earlier and newly acquired practical and theoretical knowledge come to be applied in clinical context (mainly in out-patient care) with patients.

Application of knowledge in physical therapy from the semesters 1 and 2 as well as acquiring of new knowledge in clinical context (hospital).

Introduction basic part, 4 hp Earlier and newly acquired practical and theoretical knowledge come to be applied in clinical context with patients. It includes:

- Theoretical and applied knowledge in medical history taking
- Application of theoretical and practical knowledge concerning examination of a patient (e.g. range of motion, strength, transfer, gait, balance, pain and sensory functions)
- Proposals for aims, training and treatment of the examined patient
- Theoretical and practical knowledge in patient transfer techniques
- Group assignment and follow-up of legal theory (or PingPong)
- Theoretical and applied knowledge in medical records does

Continuing basic part, 11 hp Application of knowledge in physical therapy from the semesters 1 and 2. part 1 as well as acquiring of new knowledge in clinical context:

- Theoretical and practical knowledge of an examination and training/treatment of patients with diseases and injuries in the respiratory and circulatory organs.
- Theoretical and practical knowledge of examination and treatment/training of patients in the pre- and post-operative process in various acute diseases and injuries.
- Group assignment and follow-up of legal theory (or PingPong)
- Theoretical and applied knowledge in medical records does

Teaching methods

The education during the course in clinical physical therapy is located to a clinical context with patients/clients and/or with other physiotherapy activities in open and closed care. The student may by means of supervision preconditions to deepen his knowledge by integrating theoretical knowledge with clinical knowledge. The student may also train on professional attitude. In parallel with the clinical

placement with own patients learning activities as lectures, demonstrations, methodology practice with and without patients as well as peer-learning occur. Assignments related to clinical work with patients is carry out individual, in groups as well as with peer-review. Reflection and clinically/theoretical argument include in the learning activities. Compulsory parts that are not examined occur. The student is also given space to carry out individual studies during the clinical course.

Examination

The course is examined according to the following:

Part 1

- Seminar takes place with a case study of one of the patients in the primary care. The description should be in accordance with the physiotherapy process and ICF. Compulsory attendance is required. The patient case descriptions are also presented in a written assignment. Grading scale: Pass/Fail

Part 2

- An oral examination as seminars based on patient case descriptions where the theoretical basis to physical therapy at basic level is presented. The patient case descriptions are also presented in a written assignment. Grading scale: Pass/Fail
- Integrated knowledge, skills and attitudes are assessed in a clinical oral examination by study and training/treatment of a known patient are carried out. Grading scale: Pass/Fail
- An assessment of the student's knowledge, skills and attitudes in the clinical work with patients are carried out. Grading scale: Pass/Fail

Compulsory attendance at the placement and the clinically related teaching on clinical the centre of training (CTC) as well as implementing of group seminars, CPR, reflective assignments and one day in the daily care of the patients in a ward is required.

If the aims of the placement are not achieved, this must be compensated for at the regular clinical course of the following semester. Examination with patient cases and examination of skills and attitudes (clinical oral examination) are offered once more during an on-going course. Supplementations of assignments may take place during an on-going course. The student may take the clinical course twice and be examined six times.

Take-home examination or the equivalent should be submitted according to on the course web stated date to become assessed.

To achieve a pass grade in the whole course, a pass grade on all modules is required. For part 2 applies; in all parts of the component, Pass must be achieved to receive G.

The examiner may, with immediate effect, interrupt a student's clinical placement (or equivalent) if the student demonstrates such serious deficiencies in knowledge, skills or attitude that patient safety or patient confidence in healthcare is at risk. If a clinical placement is interrupted in this way the student is deemed to have failed that element and to have used up one clinical placement opportunity.

In such cases, an individual action plan should be set up stating which activities and tests are required before the student is qualified for a new clinical placement on the course.

Transitional provisions

Examination will be provided during a year after possible close-down of the course or a new syllabus.

Other directives

Course evaluation will be carried out according to the guidelines established by the Board of Education and based on established evaluation routines in the program.

Literature and other teaching aids

Everett, Tony; Kell, Clare.

Human movement : an introductory text.

6th ed. : Edinburgh : Churchill Livingstone/Elsevier, 2010. - xi, 268 p.

ISBN:978-0-7020-3134-2 LIBRIS-ID:12031188

[Library search](#)

FYSS 2008 : fysisk aktivitet i sjukdomsprevention och sjukdomsbehandling

Stockholm : Statens folkhälsoinstitut, 2008 - 613 s.

ISBN:978-91-7257-543-1 LIBRIS-ID:10734161

URL: <http://www.fyss.se/>

[Library search](#)

Hough, Alexandra

Physiotherapy in respiratory and cardiac care : an evidence-based approach

Fourth edition : Andover : Cengage Learning Ltd, 2014 - xiv, 570 s.

ISBN:9781408074824 LIBRIS-ID:16598847

[Library search](#)

Magee, David J.

Orthopedic physical assessment

Sixth edition. : St. Louis, Missouri : Elsevier Saunders, [2014] - x, 1173 pages

ISBN:9781455709779 LIBRIS-ID:15158838

[Library search](#)

Pryor, Jennifer A.; Ammani Prasad, S.

Physiotherapy for respiratory and cardiac problems : adults and paediatrics

4th ed. : Edinburgh ; a New York : Elsevier/Churchill Livingstone, 2008. - xiv, 632 p.

ISBN:978-0-08-044985-2 LIBRIS-ID:10724930

URL: <http://www.loc.gov/catdir/toc/ecip0720/2007024438.html>

[Library search](#)

Rörelseorganens funktionsstörningar : klinik och sjukgymnastik

Holmström, Eva; Moritz, Ulrich; Lyons, Lena

3., [omarb. och utök.] uppl. / b [illustrationer: Lena Lyons] : Lund b Studentlitteratur, c 2007 e (Polen) : Studentlitteratur, 2007 - 424 s. Kap 1-2,10,12

ISBN:978-91-44-03954-1 LIBRIS-ID:10275620

[Library search](#)

Sjukgymnastik vid nedsatt lungfunktion

Olséni, Lone; Wollmer, Per

2., [utök. och uppdaterade] uppl. : Lund : Studentlitteratur, 2011 - 172 s.

ISBN:978-91-44-06874-9 LIBRIS-ID:12309134

[Library search](#)

Swain, David P.

ACSM's resource manual for Guidelines for exercise testing and prescription

7th ed. : Philadelphia : Wolters Kluwer Health/Lippincott Williams & Wilkins, c2014. - xv, 862 p.

ISBN:9781609139568 LIBRIS-ID:16251144

[Library search](#)