



**Karolinska
Institutet**

Course syllabus for

Medical Acupuncture, 15 credits

Medicinsk akupunktur, 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](#) , [Autumn2013](#) , [Spring2014](#) , [Autumn2014](#) , [Spring2015](#) , [Autumn2016](#) , [Spring2017](#) , [Spring2018](#)

Course code	2QA177
Course name	Medical Acupuncture
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Clinical Medical Science
Level	Second cycle, has only first-cycle course/s as entry requirements
Grading scale	Pass, Fail
Department	Department of Neurobiology, Care Sciences and Society
Decided by	Styrelsen för utbildning
Decision date	2011-03-21
Revised by	Board of Higher Education
Last revision	2014-12-18
Course syllabus valid from	Spring 2015

Specific entry requirements

A minimum of 120 credits and a licence to practise issued by Socialstyrelsen as a physiotherapist, nurse, occupational therapist, doctor of medicine or dentist. Or a licence to practise issued by Socialstyrelsen as a naprapath or chiropractor. And proficiency in Swedish and English equivalent to Swedish B/Swedish 3 and English A/English 6.

Objectives

The course in medical acupuncture aims at achieving skills in integrating medical acupuncture as a treatment method for pain in clinical practice.

Knowledge and understanding

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

- explain origin and modulation of pain from a physiological perspective.
- describe how medical acupuncture modulates the nervous system and influences physiological

processes.

- describe, explain and motivate dosage, indications and contraindications, risks, legal aspects and keeping medical records as well as
- critically describe and review treatment principles from a physiological perspective.

Skills and abilities

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

- classify a given pain condition and explain the choice based on knowledge in pain physiology and known clinical findings and be able to apply principles of pain measurement and pain rating.
- independently plan, carry out and evaluate treatment with manual acupuncture/electroacupuncture in different pain conditions.

Judgement and approach

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

- reflect on individual variations that can influence the pain experience, the planning and the implementation of the acupuncture treatment such as the effect of sex, age, physiological and psychological factors.
- reflect and evaluate design and performance analysis in scientific articles in the area of acupuncture.

Content

The course is divided into four parts.

Pain physiology, 3 hp Part 1 contains:

Self-studies in pain physiology, pain classification, endogenous pain controlling systems, placebo as well as pain analysis and pain rating. **Medical acupuncture - physiology and treatment), 4 hp** Part 2 contains:

Lectures and seminars in for example acupuncture physiology, treatment principles, dosage, risks, adverse reactions and sham - and placebo acupuncture and electroacupuncture. **Practical applications and case seminars, 5 hp** Part 3 contains:

Practical application (needling) with localisation of needle points and practical training as well as patient case seminars. **Extended essay, 3 hp** Part 4 contains a written advanced assignment, that is examined in writing and being presented orally.

Teaching methods

All in the course included parts start from a problem-oriented and collaborative view on learning where the working methods give precondition because the student takes responsibility for his learning actively. Central is to take responsibility for the learning and to search and evaluate new knowledge.

The course contains lectures, seminars and practical application. In addition, self studies. The students will also write and present an advanced assignment orally.

Practical application (needling practise) takes place in pairs during the entire course why you as a participant need to feel comfortable being needled during the course. For security reasons, the compulsory sessions of acupuncture treatment has to be attended before the students are allowed to begin the practical application (needling).

Compulsory parts in the course are seminars and practical applied parts which are marked in the timetable. Attendance at other elements in the course are not compulsory, but are strongly recommended.

Examination

Part 1. Pain physiology

Is examined in writing at the first course date.

Part 2. Medical acupuncture; physiology and treatment

Is examined via compulsory seminars and workshops* and in a written exam at the end of the course.

Part 3. Practical application and patient case seminars

Is examined using compulsory practical exercises and seminars*.

Part 4. Written advanced assignment

Is examined through a written advanced assignment that also should be presented orally.

* Attendance during the initial mandatory sessions is required for safety reasons for continued participation in the course. Possibility to supplement certain absence from compulsory parts can be offered at assembly time. On absences more than a day, there will be an opportunity at the next course, provided that there is a decided course. This cannot be guaranteed and are subject to availability.

Students who have not passed the regular examination are entitled to participate in five examinations. If the student has failed six examinations, no additional examination will be offered. Every time the student participates in the same test counts as an examination session. Submission of blank exam is counted as examination session. Examination for which the student registered but not participated in does not count as an examination.

Transitional provisions

Examination kommer att tillhandahållas under en tid av två år efter en eventuell nedläggning av kursen. Examination kan ske enligt tidigare litteraturlista under en tid av ett år efter den tidpunkt då en förnyelse av litteraturlistan görs.

Other directives

Language of instruction: Swedish.

Literature and other teaching aids

Om smärta : ett fysiologiskt perspektiv

Norrbrink, Cecilia; Lundeberg, Thomas

2. uppl. : Lund : Studentlitteratur, 2014 - 184 s.

ISBN:9789144089706 LIBRIS-ID:16592713

[Library search](#)

Akupunktur : punkthandbok

Andersson, Sven; Ottosson, David; Lundeberg, Thomas

2. uppl. : Kungälv : AKAB utbildning, 1999 - 166 s.

ISBN:91-971037-4-8 (spirallh.) LIBRIS-ID:7793255

[Library search](#)

White, Adrian.; Cummings, T. M.; Filshie, Jacqueline.

An introduction to Western medical acupuncture

Edinburgh : Churchill Livingstone/Elsevier, 2008. - xviii, 240 p.

ISBN:978-0-443-07177-5 (pbk.) LIBRIS-ID:12157001

[Library search](#)

Fysiologi

Lännergren, Jan; Westerblad, Håkan; Ulfendahl, Mats; Lundeberg, Thomas

5., [rev.] uppl. : Lund : Studentlitteratur, 2012 - 354 s.

ISBN:978-91-44-07747-5 LIBRIS-ID:13508738

[Library search](#)

Sluka, Kathleen A.

Mechanisms and management of pain for the physical therapist

Seattle : IASP Press, 2009 - xiii, 411 s.

ISBN:978-0-931092-77-0 (softcover : alk. paper) LIBRIS-ID:11677166

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