



**Karolinska  
Institutet**

Course syllabus for

## **Symptoms, diagnosis and treatment - endocrine diseases, 7.5 credits**

Från symptom till diagnos och behandling - sjukdomar i hormonproducerande organ, 7.5 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:

Autumn2010 , Autumn2013

Course code	2LK042
Course name	Symptoms, diagnosis and treatment - endocrine diseases
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Medicine
Level	AV - Second cycle
Grading scale	Pass, Fail
Department	Department of Molecular Medicine and Surgery
Participating institutions	<ul style="list-style-type: none"><li>• Department of Laboratory Medicine</li></ul>
Decided by	Programnämnd 2
Decision date	2010-05-11
Revised by	Programnämnd 2
Last revision	2013-04-23
Course syllabus valid from	Autumn 2013

## **Objectives**

The general aim is that the student should have received advanced knowledge of hormonal control systems and effects to understand and be able to derive symptoms on hormonal disease to confirm diagnosis and treatment. This is of importance since the diseases, including several common "national diseases", are treatable and often affects young patients.

The knowledge is listed according to the SOLO taxonomy (S1-S4) and the skills according to Miller's pyramid (M1-M4) \*.

Knowledge and understanding:

- The student should have knowledge about the most important hormonal control systems, (hypothalamus pituitary gland, thyroid gland, parathyroid gland, pancreas, adrenal glands, gonads and intestine) hormonal effects and signs on hormonal hyper - and hypo- secretion (S4).
- The student should understand the relationship between the clinical symptoms and the hormonal

diagnoses (S3).

- The student should know the most important the treatment strategies particularly at critical, treatable hormonal diseases (S2).
- The student should have knowledge on background and reason for diseases in hormone-producing organs to be able to seek additional information and follow the development in the area of (S1).

Skills:

- The student should be able to correctly analyze medical history that contains adequate, necessary and important information for different diagnoses and possible complications (M2). The student should be able to make precise status with a focus on specific studies (M4).
- The student should be able to suggest investigation programs at suspected diagnosis (M3).
- The student should be able to interpret and discuss results of investigation suggest possibly supplementary qualifications and also suggest treatment (M3).

Approach:

- The student should have ability to create good contact such as trust and listening with the patient to be able to process investigation, diagnosis, treatment and follow up in the best possible way (M3).
- The student should have ability to analyze and meet the patient's need of information (M3).
- The student should have ability to correctly prioritize investigation in a time perspective related to suspected diagnosis and be able to describe this (M3).
- The student should be able to discuss ethical considerations in chronic disease (M2).

## Transitional provisions

If a course has been closed down or undergone major changes, at least two additional examinations (excluding regular examinations) in the previous contents are provided during a period of a year from the date of the change.

## Literature and other teaching aids

### Diabetes

*Agardh, Carl-David; Berne, Christian*

4.[rev] uppl. : Stockholm : Liber, 2010 - 502 s.

ISBN:9789147093311 LIBRIS-ID:11617792

[Library search](#)

### Greenspan's basic & clinical endocrinology

*Gardner, David G.; Shoback, Dolores M.*

New York : McGraw-Hill Medical, 2007 - xiv, 1010 s.

ISBN:0-07-144011-9 (ISBN 10) LIBRIS-ID:10577774

[Library search](#)

*Werner (red.), Sigbritt*

### Endokrinologi

2. uppl. : Liber, 2007 - 456 s.

ISBN:91-47-08428-6 (inb.) LIBRIS-ID:10521230

[Library search](#)