



**Karolinska  
Institutet**

Course syllabus for

# **Clinical course in orthodontics - Child psychology/psychiatry and orthodontic interception, 7.5 credits**

Klinisk kurs i ortodonti - Barnpsykologi/psykiatri och interceptiv ortodonti, 7.5 hp  
This course syllabus is valid from autumn 2011.

Course code	9OF004
Course name	Clinical course in orthodontics - Child psychology/psychiatry and orthodontic interception
Credits	7.5 credits
Form of Education	Contract education (credits)
Main field of study	Odontology
Level	AV - Second cycle
Grading scale	Pass, Fail
Department	Department of Dental Medicine
Decided by	Styrelsen för utbildning
Decision date	2011-10-18
Course syllabus valid from	Autumn 2011

## **Specific entry requirements**

Dental Degree of at least 180 credits. In addition, knowledge of English equivalent to English B is required.

## **Objectives**

On completion of the course, the participant should be able to: - demonstrate an integrated knowledge of children's mental development in relation to treatment motivation and co-operation - identify and distinguish children with psychosocial disability - have a good knowledge of how occlusal development can benefit from early interceptive treatment - have a good knowledge of and be able to independently carry out measures to control occlusal development - have a good knowledge of different appliance types and be able to independently use them in treatment - independently master repair of broken appliances - demonstrate a good ability to inform, motivate and instruct the patient receiving interceptive treatment - supervise and teach general dentists in the execution of interceptive treatment

## **Content**

Child and adolescent psychology/psychiatry. Theory of interceptive orthodontics. Clinical applications of: removable expansion plates, growth adaptive functional devices, and simple fixed appliance systems and their fabrication. Clinical practice in patient care where interceptive care should be performed.

## Teaching methods

Lectures in basic child and adolescent psychology/psychiatry, literature seminars, laboratory demonstrations on the manufacture of removable devices. Preparation and delivery of lectures for dental students. Clinical work with own patients.

## Examination

Written examination. Evaluation of lecture. Oral presentation of selected scientific article related to interceptive orthodontics. Present independently treated patient. Practical test of wire bending and repair of broken appliances.

## Other directives

Language of instruction: English.

## Literature and other teaching aids

*Graber, Thomas M.; Rakosi, Thomas; Petrovic, Alexandre G.*

### **Dentofacial orthopedics with functional appliances**

2. ed. : St. Louis : Mosby-Yearbook, cop. 1997 - 523 s.

ISBN:0-8151-3558-0 LIBRIS-ID:5750449

[Library search](#)

*Littlewood, S J; et al*

### **The role of removable appliances in contemporary orthodontics**

2001

URL: [British Dental Journal](#)

Ingår i:

### **British dental journal.**

London : British Dental Association, 1903-

ISSN:0007-0610 LIBRIS-ID:3406232

191 (2001) :6, s. 304-10

### **An introduction to orthodontics**

*Mitchell, Laura; Doubleday, Bridget; Littlewood, Simon J.; Nelson-Moon, Zararna L.*

3. ed. : Oxford : Oxford University Press, 2007 - x, 269 s.

ISBN:978-0-19-856812-4 LIBRIS-ID:10470670

[Library search](#)

*Patti, Antonio; D'Arc, Guy Perrier*

### **Clinical success in early orthodontic treatment**

Paris : Quintessence International, cop. 2005 - 124 p.

ISBN:2-912550-37-8 LIBRIS-ID:10063815

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