



**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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