



MD

DENT2301 **Clinic of Orthodontics, 1ste Part.**

[15h] 1.5 credits

Teacher(s): Hugo De Clerck, Myriam DELATTE
Language: french
Level: 2nd cycle course

Aims

At the end of the course the student should be able to:

- Analyse the cranio facial growth and to make a cephalometric tracing.
- Make an orthodontic diagnosis based on a radiological analysis. (orthopantomogram and lateral cephalogram) and an analysis of the study casts.
- Understand the objectives of orthodontic treatment with removable and fixed appliances.
- Make a treatment plan of not complicated orthodontic cases.
- Adapt a place maintainer and to distinguish the indications.

Main themes

- Different cephalometric analysis
- Analysis of the dental casts
- Biomechanical principles of fixed appliances
- Description and the functioning of the different removable appliances
- Wire bending for removable appliances
- How to make a space maintainer

Content and teaching methods

The different subjects will be discussed in groups of 10 students.

These courses will be started with a theoretical introduction followed by practical demonstrations and explanations.

The student makes the study assisted by an assistant: analysis of radiographs and dental casts, he makes himself a removable appliance, personal evaluation of a treated case.

He learns individually and in small groups to make a treatment plan based on all the data gathered in the patients file.

At the end of the course summary and conclusion.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Knowledge required: other orthodontic courses, dental anatomy, anatomy of head and neck.

Evaluation: no examination but a general appreciation which will be part of the clinical evaluation.

Support: file of treated patients (including pictures, radiographs and study casts), orthodontic appliances and material.

Staff: members of the department of orthodontics