

3.0 credits

30.0 h

2q

Teacher(s) :	Delatte Myriam ;
Language :	Français
Place of the course	Bruxelles Woluwe
Prerequisites :	Knowledge required : dental anatomy, anatomy of head and neck, histology of the periodontal ligament, histology of bone and cartilage.
Main themes :	<ul style="list-style-type: none"> - Clinical examination, study of the dental casts and radiological examination. - Diagnosis and treatment of muscular dysfunctions. - Cranio facial growth, the development of the face, the centres of growth and the growth theories. - How to modify cranio facial growth: treatment modalities. - The development of the deciduous dentition and preventive and interceptive treatment. - The orthodontic treatment: basic principles, the decision of extractions and the results of treatment with and without extractions. - The treatment of the adult patient and preprosthetic treatment. - Stability and relapse of orthodontic treatment, the causes, prevention and interception, the different appliances for retention.
Aims :	<p>At the end of the course the student should be able to:</p> <ul style="list-style-type: none"> - Analyse the cranio facial growth in 3 dimensions: determine the type of growth based on a cephalometric analysis and clinical examination. - Recognise muscular dysfunction in the oral and facial region, the consequences for the occlusion and the cranio facial growth and how to treat them. - To know the basic principles of orthopaedic treatment. - To know the possibilities and the limits of adult orthodontic treatment, orthodontic treatment combined with orthognatic surgery included. - Prevention and interception in the deciduous dentition of the young patient. - The causes of relapse in orthodontics and how to prevent it. - The basic principles of treatment with removable and fixed appliances. <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods :	written examination at the end of the course.
Content :	<ul style="list-style-type: none"> - Clinical examination, study of the dental casts and radiological examination. - Diagnosis and treatment of muscular dysfunctions. - Cranio facial growth, the development of the face, the centres of growth and the growth theories. - How to modify cranio facial growth: treatment modalities. - The development of the deciduous dentition and preventive and interceptive treatment. - The orthodontic treatment: basic principles, the decision of extractions and the results of treatment with and without extractions. - The treatment of the adult patient and preprosthetic treatment. - Stability and relapse of orthodontic treatment, the causes, prevention and interception, the different appliances for retention.
Bibliography :	Support: PowerPoint presentation, multi media
Other infos :	Staff: 2 teachers
Cycle and year of study :	> Master [120] in Dentistry
Faculty or entity in charge:	MDEN