

**MD**

DENT2241 Médecine dentaire pédiatrique

[30h] 3 credits

This course is taught in the 2nd semester

Teacher(s): Christiane Demars-Fremault, Charles Pilipili
Language: french
Level: 2nd cycle course

Aims

1. Teaching of dental pathologies and treatments specifically related to children.
2. Diagnosis and preventive, interceptive and curing treatment
3. Being able to :
 - a) diagnosis dental problems among children and teenagers and treat them
 - b) Apply prevention programs of the caries disease depending on the child age. Support him and his parents to apply them.
 - c) Apply new methods to control pain during dental surgery (caries, extractions#)
 - d) Avoid tooth loss (primary or permanent) Evaluate and prevent its consequences in the jaws growth and harmony.
 - e) To ensure a dental follow up if dental trauma occurs among children and teenagers. Being able to predicts its consequences in the short, mid and long terms.

Main themes

1. Managing dental treatment in dental paediatrics
2. Clinical evidence
3. X-rays : essentials to accurate diagnosis
4. Drugs for children
5. Local anesthetic
6. The operating field : how to isolate a tooth
7. Physio-pathology in temporary teeth
8. Caries in temporary teeth
9. Pulp and periodontic pathologies in temporary teeth
10. Pathologies and treatment for young permanent teeth
11. Operative dentistry
12. Dental traumatology
13. Periodontic problems
14. Dental anomalies
15. Caries prevention
16. Intercepting dental ectopies
17. Saving spaces between teeth in order to manage the jaws harmony
18. Small surgery among children
19. Managing pain among young children

Content and teaching methods

1. Content :

The program analyses all aspects related to a global child and teenager dental follow up from bowth physical and psychological points of view

Prevention, interception and early treatments must be part of the general development of the child

Dental traumatology, rehabilitation of young children without teeth, fighting polycaries among young children, specifics of temporary dentition and immature permanent dentition aiming to justify the treatment and differentiate it from an adult treatment

2. Methodology

Lecture with students active participation during presentation of study cases

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

1. Prerequisites : General dentistry knowledge allows students to identify the specifics in dental paediatrics

- dental anatomy
- neck and head anatomy
- skull and face development
- pharmacology

2. Evaluating criteria : oral or written test

3. Teaching support : * Abregé de pédodontie Fortier-Demars (text-book)

* Teacher's notes

* Slides - CD Rom

Other credits in programs

DENT22	Deuxième licence en science dentaire	(3 credits)	Mandatory
---------------	--------------------------------------	-------------	-----------