Course Learning Outcomes of PEDODONTICS

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<tr>
<th>Course Code and Title</th>
<th>Pedodontics</th>
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<tr>
<td>Hours</td>
<td>25</td>
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<tr>
<th>Department / Programme</th>
<th>Faculty of Dentistry</th>
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<tr>
<th>Language of Education</th>
<th>Turkish</th>
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<tr>
<th>Course Type</th>
<th>compulsory-yes</th>
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| Lecturer(s) | AssistantProfessor Dr. Aslı Patır Münevveroğlu  
AssistantProfessor Dr. Beyza Ballı Akgöl |
|-------------|-----------------------------------------------|

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<tr>
<th>Office Hours</th>
<th>Between 16:00-18:00 every wednesday</th>
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**Course Objective**
The aim of this course is to realize the methods used in the pediatric dentistry, to identify the behavioral management techniques for treating child patients and to distinguish the dental materials used for dental treatments.

**Learning Outcomes and Subordinate Skills**

1. The students will be able to discuss the psychological development of child patients.
   1.1. Interprets the behaviour management technique used during the treatment of child patient.
   1.2. Assess the general anesthesia and sedation needs of child patients.

2. The students will be able to realize aesthetic restoratil dental treatments on deciduous and permanent teeth.
   2.1. Applicates rubber dam and matrix systems successfully.
   2.2. Choose the proper dental treatment material.

3. The students will be able to categorize the pulpal diseases of deciduous and permanent teeth.
   3.1. Identifies the pulp capping, pulpotomy, pulpectomy and root canal treatment indications.
   3.2. Makes clinical and radiographic examination and diagnosis.
   3.3. Applies apexogenesis and apexitification treatments.
   3.4. Makes up proper prescriptions to child patients.

4. Debates the orthodontic maintenance treatment methods by identifying the orthodontic problems of children.
   4.1. Distinguish the correct orthodontic development.

**Generic Competences**
Productive, Questioning, Critical Thinking

**Outline**

1. Pedodontic examination
2. The importance of radiographic examination in pedodontics
3. The importance of deciduous teeth and the definition of pediatric dentistry.
5. Behaviour manegement techniques in child patients.
6. Sedation and general anesthesia applications in pediatric dentistry.
7. Dental materials in pediatric dentistry.
8. Cavity preparation principles and treatment of deciduous teeth I.
9. Caries in primary teeth and their properties
10. Aesthetic restorative dentistry
11. Pulp therapy for the primary dentition I.
   -The pulp-dentin complex.
   -Clinical and radiographic examination
12. Pulp therapy for the primary dentition II.
   -Pulp treatment procedures I (Indirect pulp capping, direct pulp capping, pulpotomy).
13. Pulp therapy for the primary dentition III.
   -Pulp treatment procedures II (Pulpectomy and root canal treatment)
14. Pulp therapy for the young permanent dentition I.
   -The pulp-dentin complex.
   -Clinical and radiographic examination
15. Pulp therapy for the young permanent dentition II.
   -Pulp treatment procedures I (Indirect pulp capping, direct pulp capping, pulpotomy).
16. Pulp therapy for the young permanent dentition III.
   -Apexification
17. Pulp therapy for the young permanent dentition III.
   -Apexogenesis
18. Gingivitis and periodontal diseases in children
19. Space maintenance in the primary dentition.
20. Oral infections and treatment approaches of child patients.
21. Drugs used in pediatric dentistry

**Instructional Methods and Techniques**
Lecture, Demonstration, Drill and Practice

**Course Requirements**
The students must attend the lectures regularly, prepare works and deliver this works on time.

**Textbook**
Lecture notes will be given to the students

**References**
1. Altan G. Pedodonti. Istanbul; 1994
2. Casamassimo PS, Fields HW, Mc Tigue DJ, Nowak AJ. Pediatric dentisrty Infancy Through Adolescence.
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<tr>
<th>References</th>
<th>Suggested Sources</th>
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<td>Elsevier Inc; 2013.</td>
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<td>4.</td>
<td>Mc Donald RE, Avery DR, Dean JA. Dentistry for the Child and Adolescent. St. Louis, Mo: Mosby Inc; 2004</td>
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