**King Saud University**

**College of Applied Medical Sciences**

**Dental Health Department**

**Dental Hygiene Program**

**COURSE SYLLABUS**

**Course Title :** ORAL HYGIENE AND YOUNG PATIENTS

**Course Number :**  DEH 472

**Credit Hours :** 1 + 1 = 2

**Pre-Requisite :** DEH 344, DEH 348

**Course Description:**

Lecture and clinical instruction in the special requirements of oral hygiene procedures related to fixed and removable functional and non- functional orthodontic appliances as well as general preventive dental care for the child patient covering behavior management.

**Objectives:**

1. Student should understand to be behavior management when treating child patient
2. Be familiar child with the preventive procedures applied to child patient
3. Be able to recognize different carious lesion affecting child patient and who to preventive
4. Promote oral health care among parents and children of different age

**Course Outline:**

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| Overview of course content, methodology, evaluation system and reference books | **Week 1** |
| Pregnancy; factors harm the fetus, treatment consideration, mother's diet, dental caries control | **Week 2** |
| Infant and toddler oral health, prenatal anticipatory guidance, first dental hygiene visit, examination of child mouth, objectives | **Week 3** |
| psychological management of children's behaviors, physical development, social development, variables influence child dental behaviors, behaviors rating scale, parents of pediatric patient | **Week 4** |
| Psychological management; strategies of the dental team, fundamental of behavior management, behavior shaping model | **Week 5** |
| Midterm exam 1 | **Week 6** |
| Dental caries in the child and adolescent, caries prevalence in preschool children, in school children, caries in primary dentition, in mixed dentition, in young permanent dentition, prevalence of caries in children in Saudi Arabia | **Week 7** |
| Control of dental caries in children, use of fluoride, good oral hygiene, restorative dentistry, pit and fissure sealant | **Week 8** |
| Mechanical home oral hygiene, preventive dentistry, plaque control methods, brushing, flossing | **Week 9** |
| Dentifrices; function, quantity of tooth past, disclosing agent, other adjacent for plaque control, method of tooth brushing | **Week 10** |
| Chemotherapeutic plaque control, antiseptic agent, use of chlorohexidine in children | **Week 11** |
| Age-specific home oral hygiene instruction, prenatal counseling, infants, toddlers, preschool, school age, adolescent, in-office oral hygiene program | **Week 12** |
| Pit and fissure sealant's, the national survey of dental caries in school children, clinical trials, potential problems, rationale for utilization of sealants | **Week 13** |
| Midterm exam 2 | **Week 14** |
| Community oral health among school children | **Week 15** |
| Revision | **Week 16** |
| Final exam | **Week 17** |

**Teaching Method:**

* Classroom lectures
* Clinical session in College of Dentistry.

**Evaluation:**

2 Midterm exams 40%

Clinic 20%

Final exam 40%

Total 100%

**References:**

1. Dentistry for the child and adolescent, 6th edition 1994 Mosby. By Ralph E. Mc Donald and David R. Avery

2. Wilkins, E.M.: Clinical practice of the dental hygienists, 8th edition,

1999, Philadelphia. Lippincott Williams and Wilkins