

**\*493 POS**

Clinical Pediatric Dentistry II

Course Director: Dr. Majda Al Humaidi

Tuesday 2p-5pm (MUC)

2013-2014

**Course Description:**

This is final clinical course in pediatric dentistry. The course consists of one clinical training session of 3 hours per week for the whole academic year. The students are required to provide comprehensive dental treatment for children age 3 to 8 years presenting with a wide range of dental problems. Emphasis of the course will be on patient education and management, treatment planning, prevention of dental disease, restorative procedures, pulp therapy, and space management.

**Course Objectives:**

After completing the clinical training, the students should be able to:

1. Evaluate the patient's need for behavior modification.
2. Apply different behavior modification techniques learned.
3. Formulate a treatment plan for this age group.
4. Discuss with parents different approaches for the prevention of dental disease.
5. Teach and motivate parents in proper brushing technique according to their children age.
6. Administer local anesthesia.
7. Use rubber dam properly.
8. Restore primary teeth using different materials available.
9. Use several clinical procedures available for pulp therapy.
10. Effectively manage cases of premature primary tooth/teeth loss.
11. Manage dental trauma in children.
12. Recognize and manage/refer disabled individuals.

**Clinical Course Outline:**

1. Guidance of the child behavior (Psychological).
2. Guidance of the child behavior (Pharmacological).
3. Pulp Therapy
4. Stainless Steel Crown Restorations.
5. Treatment strategies of caries in children.
6. Space management
7. Management of patients with:
  - a. Traumatized primary teeth and immature permanent anterior teeth.
  - b. Oral and skin manifestations of infectious diseases.
  - c. Periodontal diseases.
  - d. Systemic diseases.
  - e. Disabled conditions.

**Required Text Books:**

- Fundamental of Pediatric Dentistry

By: Mathewson, R.J. and Primosch, R.E. 3<sup>rd</sup> Edition 1995

- Pediatric Dentistry: Infancy through Adolescence

By: Jimmy Pinkham, 4<sup>th</sup> Edition, 2005

- Dentistry for the Child and Adolescent

By: McDonald, R.E. and Avery, D.R. 7<sup>th</sup> Edition, 2000; Mosby Co., Inc.

