King Saud University, College of Dentistry

Department of Pediatric Dentistry and Orthodontics

Graduate Program in Orthodontics

***“Challenge serves beautifully to introduce you to your best”***

Diagnosis & treatment planning in Orthodontics First semester, Academic Year 2015/2016 G [1436-1437 H]

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| **Course Code and** **Number:** |  PDS 540 (Orthodontic Seminar III) |
| **Course Name:** |  Diagnosis & Treatment Planning in Orthodontics |
| **Pre-Requisites:** |  Orthodontic seminar I & !! |
| **Course Level:** |  Offered in the 21st Semester of the 3rd Year to the Graduate Students |
| **Room:** |  Orthodontic Seminar room, New building 8th floor (BUC) |
| **Time:** |  Sunday 10:00-12:00 am |
| **Dates:** |  August 23 – December 13 2015  |
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| **Course Director:** | Professor Eman A. AlKofideMobile # 0505240108email:ealkofide@hotmail.com |  |  |  |
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***COURSE DESCRIPTION***

 This course will be given during the first semester of the academic year. It is intended for 3rd year postgraduate residents of the Orthodontic graduate program. It will be given once a week for a period of two hours. Various orthodontic cases will be presented by the course director in a power-point presentation. All the required records will be provided such as photographs and radiographs of before and after orthodontic treatment. The residents will be asked to analyze and diagnose the given cases and then setup a comprehensive orthodontic treatment plan for the specific case shown. Thereafter, the supervisor and the residents will review the original diagnosis and treatment plan that was given and performed on the patient, showing the progress and final outcome of the case. Various orthodontic problems will be covered ranging from interceptive treatment in the primary/mixed dentition, to treatment utilizing Orthognathic surgery for patients with Dentofacial deformities.

***INTENDED LEARNING OUTCOME:***

 At the end of this course, the residents should be able to properly assess an orthodontic case, diagnose and recognize the different types of malocclusal problems, discuss and criticize the given diagnosis and treatment of the case, and provide various treatment protocols and options in any given Orthodontic case.

***CREDIT/CONTACT HOURS:***

This course is offered as part of the “PDS 540-Orthodontic Seminar III” course which has 5 credit hours. The course “Diagnosis & Treatment planning in Orthodontics” is given over 2 contact hours per week.

***STUDY PLAN/AND REQUIREMENTS:***

To receive the maximum benefit from this course, the student must attend all seminars. A large emphasis of this course is placed on the discussion of the selected cases, proper diagnosis, and critique of the treatment planning.

***CATEGORIES OF CASES TO BE DISCUSSED:***

* Interceptive treatment in the primary/mixed dentition
* Growth modification
* Class I malocclusion
* Class II malocclusion
* Class III malocclusion
* Malocclusions with transverse discrepancies
* Malocclusions with an interdisciplinary approach requiring periodontal, prosthetic, endodontic, restorative or any other dental, medical or related treatment
* Treatment utilizing Orthognathic surgery for Orthodontic patients & those with Dentofacial deformities

***COURSE FORMAT:***

* Power Point presentations
* Group discussion

***METHODS OF ASSESSMENT:***

Weekly evaluation of each student will be based on the discussion of each presented case. A final examination will be conducted by presenting a case in front of the resident in which the resident must diagnose and present various treatment modalities for that specific case.

***COURSE SCHEDULE:***

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| **Week** | **Date** | **Content** |
| 1 | 23 AUG 2015 | Introduction to the course, Case presentation & Discussion |
| 2 | 30 SEPT 2015 | Case presentation & Discussion  |
| 3 | 06 SEPT 2015 | Case presentation & Discussion |
| 4 | 13 SEPT 2015 | Case presentation & Discussion |
| 5 | 20 SEPT 2015 | Case presentation & Discussion |
| **HAJJ HOLIDAY (18 – 28 SEPT 2015)** |
| 6 | 04 OCT 2015 | Case presentation & Discussion |
| 7 | 11 OCT 2015 | Case presentation & Discussion |
| 8 | 18 OCT 2015 | Case presentation & Discussion |
| 9 | 25 OCT 2015 | Case presentation & Discussion |
| 10 | 01 NOV 2015 | Case presentation & Discussion |
| 11 | 08 NOV 2015 | Case presentation & Discussion |
| 12 | 15 NOV 2015 | Case presentation & Discussion |
| 13 | 22 NOV 2015 | Case presentation & Discussion |
| 14 | 29 NOV 2015 | Case presentation & Discussion |
| 15 | 06 DEC 2015 | Case presentation & Discussion |
| 16 | 13 DEC 2015 | Final Examination |