

السيرة الذاتية

الاسم :	هدى بنت محمد الكواري
الوظيفة :	استاذ مساعد و إستشاريه تقويم اسنان
العنوان :	قسم وقاية الاسنان – جامعة الملك سعود – كلية طب الأسنان ص.ب. 60169 ، الرياض 11545 المملكة العربية السعودية.
مكان الميلاد :	البحرين
الجنسية :	سعودية
الحالة الإجتماعية :	متزوجه
عنوان الإتصال :	مكتب : 351\4784524 فاكس :
العنوان البريدي :	halkawari@ksu.edu.sa

الشهادات العلمية:

- 1992م شهادة تدريبيه في علوم تقويم الأسنان – جامعة برستول - كلية طب الأسنان، بريطانيا
- 1991 ماجستير في علوم طب الأسنان (تخصص تقويم اسنان) – جامعة برستول – كلية طب الأسنان-بريطانيا
- 1984م بكالوريوس في علوم جراحة الأسنان – جامعة القاهرة - مصر

الخبرات العلمية :

- 1984- 1985 شهادة تدريب الإمتياز – مستشفى السلمايه الطبي – البحرين
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البحوث العلمية:

- الطباق الاسنان العميق والصحة حول السنه مقارنة بين طلاب طب الاسنان المستجدين والقدامى
- بروز الفكين والصحة حول السنه مقارنة بين طلاب طب الاسنان المستجدين والقدامى .
- تكرار انفكاك الحواصر السنه بين مرضى تقويم الاسنان

- تشوهات الاسنان و علاجها بين المرضى السعوديين في عيادات تقويم السنان التابعة لكلية طب الاسنان جامعة الملك سعود
 - العمر عند تسارع النمو في طول الجسم لدى الاطفال السعوديين من عمر 9-18 سنة
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- يناير 2006م الندوة السعودية العالمية السابعة عشر (21 ساعة)
- نوفمبر 2006م المؤتمر السعودي الأول للجمعية السعودية لتقويم الأسنان (9 ساعات)
- يناير 2007م الندوة السعودية العالمية الثامنة عشر (24 ساعة)

المنشورات والأبحاث العلمية

الملخصات العلمية:

- الطباق الاسنان العميق والصحة حول السنوية مقارنة بين طلاب طب الاسنان المستجدين والقدامى
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العمر عند تسارع النمو في طول الجسم لدى الاطفال السعوديين من عمر 9-18

-

الخبرات العلمية:

- 1996- الى الوقت الحالي تدريس مقدمة في تقويم الأسنان (نظري وعملي) لطالبات طب الأسنان (431واس)
- تدريس التقويم السريري نظري وعملي (واس432)
-
- 2008- الأشراف على طبيبات الامتياز بالأبحاث العلمية-

KING SAUD UNIVERSITY
College of Dentistry
Department of Preventive Dental Sciences
DIVISION OF ORTHODONTICS

PDS 432
Clinical Orthodontics
Academic Year 1428-1429H [2007-2008G]

Course Director : **DR. HUDA AL-KAWARI**
Contributors : **Dr. Laila Baidas**
Dr. Hana Al-Balbeesi

COURSE DESCRIPTION

Course Name : Clinical Orthodontics
Course Number : 432 PDS
Credit Hours : One (1) Credit Hour
Pre-requisite Course : 431 PDS (Introduction to Orthodontics)

The course is given over a period of 15 weeks divided into seminar and clinical orthodontics. In the seminar, three or four students will search extensively for selected orthodontic topic and will submit a report and give presentation on it followed by a group discussion on the topic with contribution of all students. The clinical session will cover 6 clinical orthodontic cases. The student will be divided into three groups and they will participate in problem-based session to analyze the presented cases.

The course has the following objectives:

1. To increase the knowledge of the students in theoretical background of the selected orthodontic topics.
2. To familiarize the students with the appropriate procedure of orthodontic diagnosis and treatment planning.
3. To expose the students to the orthodontic management of malocclusions.

At the end of the course the students should be able to recognize and classify the different types of malocclusions and define the cases suitable for treatment.

EVALUATION

The student will be evaluated by their performance during the course. The total grade is 100% and distributed as follows:

Continuous Assessment (60 marks)				Final	TOTAL
Evaluation	Report	Cases	Midterm		
15	5	10	30	40	100

432 PDS Clinical Orthodontics

SEMINAR & CLINICAL SCHEDULE

WEEK	DATE	SEMINAR	CLINICAL
1	12 September	Introduction	Introduction
2	19 September		Clinical Cases (1 & 2) Group A (Dr. Kawari) Group B (Dr. Balbeesi) Group C (Dr. Baidas)
3	26 September	CPR	CPR
4	3 October		Clinical Cases (1 & 2) Group A (Dr. Kawari) Group B (Dr. Balbeesi) Group C (Dr. Baidas)
4 – 19 October		RAMADAN HOLIDAY	
5	24 October	The Timing of Early Treatment: An Overview (Student 1, 2 & 3)	
		Orthodontic Diagnosis and Treatment Planning in the Primary Dentition (Student 4, 5, 6 & 7)	
6	31 October	The Benefit of Early Orthodontic Treatment (Student 8, 9, & 10)	
		Management of Space Problems in the Primary and Mixed Dentition (Student 11, 12, 13 & 14)	
7	7 November		Clinical Cases (3 & 4) Group A (Dr. Baidas) Group B (Dr. Kawari) Group C (Dr. Balbeesi)
8	14 November		Clinical Cases (3 & 4) Group A (Dr. Baidas) Group B (Dr. Kawari)

			Group C (Dr. Balbeesi)
9	21 November	MIDTERM EXAMINATION	
10	28 November	Orthodontic Diagnosis in Young Children: Beyond Dental Malocclusion (Student 15, 16 & 17)	
		Orthodontic Diagnosis and Treatment Planning (Student 18, 19, 20 & 21)	

11	5 December	Managing the Developing Class III Malocclusion with Palatal Expansion and Face Mask Therapy (Student 22, 23 & 24)	
		Treatment of Class III Problems Begins with Differential Diagnosis of Anterior Crossbites (Student 25, 26, 27 & 28)	
12	12 December		Clinical Cases (5 & 6) Group A (Dr. Balbeesi) Group B (Dr. Baidas) Group C (Dr. Kawari)
13	2 January '08		Clinical Cases (5 & 6) Group A (Dr. Balbeesi) Group B (Dr. Baidas) Group C (Dr. Kawari)
14	9 January	Clinical Management of Impacted Canine (Student 29, 30 & 31)	
		Special Consideration in Treatment of Adults (Student 32, 33, 34 & 35)	
15	16 January	Orthodontic Treatment for the Cleft Palate Patient (Student 36, 37 & 38)	
		Assessment of Patients for Orthodontic Surgery (Student 39, 40, 41 & 42)	
16	23 January	FINAL ASSESSMENT EXAMINATION	

REFERENCES:

Reference Books:

1. An Introduction to Orthodontics
Mitchell L.
Oxford University Press 1996
2. Contemporary Orthodontics
Proffit W.
Mosby, Inc. 2000

Reference Articles (Provided to the Students):

1. The Timing of Early Treatment: An Overview. Proffit WR. American Journal of Orthodontics and Dentofacial Orthopedics, 129(4 Supplement 1): S47-S49, 2006.
2. Orthodontic Diagnosis and Treatment Planning in the Primary Dentition. Ngan P, Fields H. ASDC Journal of Dentistry for Children, 62(1): 25-33, 1995.
3. The Benefits of Early Orthodontic Treatment. Rondeau B. General Dentistry. 51(2): 114-119, 2003.
4. Management of Space Problems in the Primary and Mixed Dentition. Ngan P, Alkire RG, Fields H. Journal of American Dental Association, 130(9): 1330-1339, 1999.
5. Orthodontic Diagnosis in Young Children: Beyond Dental Malocclusion. Jefferson Y. General Dentistry: 51(2): 104-111, 2003.
6. Orthodontic Diagnosis and Treatment Planning. Bishara SE. Textbook of Orthodontics. 1st edition Philadelphia: Saunders; 98-112, 2001.
7. Managing the Developing Class III Malocclusion with Palatal Expansion and Facemask Therapy. Turley P. American Journal of Orthodontics and Dentofacial Orthopedics, 122(4): 349-352, 2002.
8. Treatment of Class III Problem begins with Differential Diagnosis of Anterior Crossbite. Ngan P, Fields H. American Academy of Pediatric Dentistry no. 19. 6 pages 386-395, 1997.
9. Clinical Management of Impacted Maxillary Canines. Bishara SE. Seminar in Orthodontics. 4(2): 87-98, 1998.
10. Special Consideration in Treatment of Adults. Proffit WR. Contemporary Orthodontics, 6(3): 183-194, 2000.

11. Orthodontic Treatment for the Cleft Palate Patient. Vlachos CC. *Seminars in Orthodontics*, 2(3): 197-204, 1996.
12. Assessment of Patients for Orthognathic Surgery. Bailey LJ, Proffit WR, White R Jr. *Seminars in Orthodontics*, 5(4): 209-222, 1999.

**PDS 432
Clinical Orthodontics**

Academic Year 1427-1428H [2006-2007G]

EVALUATION SHEET FOR ORTHODONTIC SEMINAR

Topic :

Date :

Name of Students :

Introduction/conclusion to the subject	:	(2)	_____	_____	_____
Organization and fluency of information given	:	(4)	_____	_____	_____
Sufficient information	:	(4)	_____	_____	_____
Illustrative diagrams and photographs	:	(2)	_____	_____	_____
Extra information taken from articles and books	:	(3)	_____	_____	_____
TOTAL	:	(15)	_____	_____	_____

***Note: The evaluation should be according to the performance of the student.
Two instructors should evaluate each student and the average mark is recorded.***

KING SAUD UNIVERSITY
 College of Dentistry
 Department of Preventive Dental Sciences
 DIVISION OF ORTHODONTICS

431 PDS

COURSE OUTLINE

Course Director : DR. LAILA BAIDAS [MUC]

Contributors : DR. HUDA AL-KAWARI
 DR. SAHAR BARAKATI
 DR.HANA BALBEESI

Course Description:

Knowledge of the basic of orthodontics is essential for the dental student. This course will provide the undergraduate student with the background of the normal occlusion, malocclusion, growth and development of dento-facial structures, etiology and diagnosis of malocclusion, and the treatment of discrepancies.

The course is an introductory course and consists of lectures and practical parts. The course is conducted through the whole academic year in two semesters.

First and Second Semester:

Will consist of two parts:

One Hour - lecture
 Three Hour - Practical

Evaluation:

Student shall be evaluated by their performance during the course by continuous assessment and final examination. The total mark 100% and distributed as follows: 60% for the continuous assessment and 40% for the final examination. The detail of the distribution is described in the following table.

Continuous Assessment						Final Examination	TOTAL
First Semester - 30%			Second semester – 30%				
QZ	PE1	WE1	QZ	PE2	WE2		
5	10	15	5	10	15	40%	100%

QZ – quizzes **PE** – Practical Examination **WE** – Written Examination

INSTRUCTION TO STUDENT

1. Student should expect the quiz at any lecture day without previous announcement.
2. Attendance is a **MUST**; each is counted as 0.5 point out of the total mark. Any student who does not attend the lecture or the laboratory session **MUST** submit to the course director the reason(s) of her absence.
3. Examination dates will not be changed. Any student who does not attend the examination **MUST** submit a letter to the course director.
4. Examination will include any type of questions. Students **are not allowed** to ask about the type of the examination or the type of questions.
5. During the laboratory session, students should maintain their cubicle clean. In addition, the unit's light **MUST** be turned-off before leaving.
6. All laboratory assignments **MUST** be submitted in the same session. Any delay will not be accepted.
7. Students **MUST** bring their instruments during every laboratory session expect for ortho study cast. **NO EXCUSE IS ALLOWED**. (Please review the course outline before the session and bring the instruments required)

Textbooks:

Every student must purchase the following textbook:

1. Introduction to Orthodontics
By: Laura Mitchell, 1996
2. Contemporary Orthodontics (Chapter for the textbook)
By: William Profitt
3. Introduction to Orthodontics (Chapter for the textbook)
By : Thailander et al.
4. Textbook of Orthodontics (Chapter for the textbook)
(Chapter for the textbook)
By : Samir E. Bishara

Department of Preventive Dental Sciences
DIVISION OF ORTHODONTICS
431 PDS [F]
Introduction to Orthodontics
LECTURE & PRACTICAL OUTLINE
First Semester
Tuesday, 8:00 AM-12:00 NN

WEEK	DATE	LECTURE	PRACTICAL
1	12 Sept.2006	Introduction to the Course □ Dr. Baidas	Introduction to the Laboratory Study Models – I - Impression of students, and pouring
2	19 Sept. 2006	Facial growth (Chap. 4, L.M.) □ Dr. Baidas	Study Models – I - Impression of students, and pouring
3	26 Sept.2006	Developing Dentition (Chap. 3, L.M) □ Dr. Baidas	Study Models – II - Demonstration of model trimming & Finishing
4	3 Oct. 2006	Developing Dentition (Chap. 3, L.M.) □ Dr. Baidas	Class I, II div 1 Malocclusion - Description of using models - Definition, types, managements, etc.
5	10 Oct 2006	Etiology of Malocclusion (Chap. 5, Proffit) □ Dr. Balbeesi	Class II div 2, III Malocclusion - Description of using models - Definition, types, managements, etc.
6	17 Oct.2006	Orthodontic Diagnosis I (Chap. 6 Pg. 123-138 Proffit) □ Dr. Kawari	Radiographs (OPJ, Occlusal, Posterior-anterior Radiographs)/ Wire Bending
RAMADAN / EID VACATION			
7	31 Oct. 2006	Orthodontic Diagnosis II (Chap. 6 Pg. 160-185 Proffit) □ Dr. Barakati	Hand and Wrist Radiograph Description Of the method and application of analysis using hand & wrist x-ray
8	7 Nov. 2006	Cephalometrics (Chap. 6, L.M.) □ Dr. Barakati	Cephalometric I - Tracing using student's own cephalogram
9	14 Nov. 2006	Cephalometrics (Chap. 6, L.M.) □ Dr. Barakati	Cephalometric II - Landmarks identification
10	21 Nov. 2006	Class I (Chap. 8, L.M.) □ Dr. Kawari	Cephalometric III - Measurements & interpretation
11	28 Nov. 2006	Class II div I (Chap. 9, L.M.) □ Dr. Kawari	Model Analysis - Permanent model analysis - Moyers' model analysis
12	5Dec 2006	Class II div II (Chap. 10, L.M.) □ Dr. Barakati	Cases presentations by the students
13	12 Dec. 2006	Class III (Chap. 11, L.M.) □ Dr. Kawari	Cases presentations by the students
14	19 Dec.2006	Canines (Chap.14, L.M.) □ Dr.Kawari	Cases presentations by the students
15	9 Jan. 2007	Malocclusal Problems (Chap.12,13 L.M.)□ Dr. Baidas	Cases presentations by the students
16	16 Jan 2007	WRITTEN EXAMINATION 1	PRACTICAL EXAMINATION 1

**Department of Preventive Dental Sciences
DIVISION OF ORTHODONTICS**

**431 PDS [F]
Introduction to Orthodontics**

**LECTURE & PRACTICAL OUTLINE
Second Semester
Tuesday, 8:00 AM-12:00 NN**

WEEK	DATE	LECTURE	PRACTICAL
1	17 Feb. 2007	Treatment Planning (Chap. 7, L.M.) □ Dr. Baidas	Introduction Instrumentation description
2	24 Feb. 2007	Interceptive Orthodontics (Chap. VI , Thailander) □ Dr. Baidas	Holding arch - Demonstration Nance arch, Transpalatal arch
3	3 March. 2007	Interceptive Orthodontics (Chap. VI , Thailander) □ Dr. Baidas	Holding arch Demonstration on Lingual arch
4	10 March. 2007	Removable appliances (Chap. 16, L.M.) □ Dr. Baidas	Labial Bow - Demonstration on Dental Model
5	17 March. 2007	Functional Appliances (Chap. 18, L.M.) □ Dr. Barakati	Functional Orthodontic Appliances and Removable Orthodontic Appliances - Description of the appliances using Samples -definition, Types, Component, etc.
6	24 March. 2007	Fixed Appliances (Chap.17,L.M.)□ Dr. Balbeesi	Z Spring & Finger Spring - Demonstration on Dental Model
7	31 March. 2007	Orthodontic Treatment Timing (Chap.7, Proffit) □ Dr. Barakati	Retentive components: Adams Clasp - Demonstration on Dental Model
8	7 April. 2007	Orthodontic Forces and Tissue Reaction (Chap. 9, Proffit)□ Dr. Kawari	Retentive components: Adams Clasp - Demonstration on Dental Model
9	14 April. 2007	WRITTEN EXAMINATION 1	Construction Of Hawley Retainer-Adams Clasp on tooth # 16 of the student model
10	21 April. 2007	Adverse Effect of Orthodontics (Chap. IX, Thilander)□ Dr. Kawari	Construction Of Hawley Retainer -Adams Clasp on tooth # 26 of the student model
11	28 April. 2007	Adult Orthodontics (Chap.19,L.M.) □ Dr. Kawari	Construction Of Hawley Retainer - Labial bow on the student model
12	5 May. 2007	Orthognathic Surgery (Chap. 20, L.M.) □ Dr. Barakati	Construction Of Hawley Retainer - Acrylization
13	12 May. 2007	Cleft Lip and Palate (Chap. 21, L.M.) □ Dr. Barakati	Construction Of Hawley Retainer -Finishing ,Polishing and Delivery
14	19 May. 2007	Stability and retention (chap. 18 Proffit) □ Dr. Baidas	Review
15	26 May.2007	Review	PRACTICAL EXAMINATION 2

السيرة الذاتية

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العنوان :	قسم وقاية الاسنان – جامعة الملك سعود – كلية طب الأسنان ص.ب. 60169 ، الرياض 11545 المملكة العربية السعودية.
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الجنسية :	سعودية
الحالة الإجتماعية :	متزوجه
عنوان الإتصال :	مكتب : 351\4784524 فاكس :
العنوان البريدي :	halkawari@ksu.edu.sa

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- يناير 1994م تأثير القوى التقويمية في تغير الوجه والأسنان
- إبريل 1994م التأثيرات الحيوية لعلاج التقويم وطرقه
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- مارس 2000م الندوة السعودية الحادية عشر
- إبريل 2001م الندوة الخاصة بعلاج الفم وجراحة الفكين (27 ساعة)
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- فبراير 2002م مؤتمر الجمعية السعودية لطب الأسنان (10 ساعات)
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- 2004م مؤتمر الجمعية السعودية لطب الأسنان (30 ساعة)
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- ديسمبر 2004م دورة تدريبية لعلاج التقويم الداخلي (6ساعات)
- إبريل 2005م دورة تدريبية في طرق علاج تقويم الأسنان جراحياً (2 ساعة))
- يناير 2006م الندوة السعودية العالمية السابعة عشر (21 ساعة)
- نوفمبر 2006م المؤتمر السعودي الأول للجمعية السعودية لتقويم الأسنان (9 ساعات)
- يناير 2007م الندوة السعودية العالمية الثامنة عشر (24 ساعة)

المنشورات والأبحاث العلمية

الملخصات العلمية:

- الطباق الاسنان العميق والصحة حول السنوية مقارنة بين طلاب طب الاسنان المستجدين والقدامى
- بروز الفكين والصحة حول السنوية مقارنة بين طلاب طب الاسنان المستجدين والقدامى .
- تكرار انفكالك الحواصر السنوية بين مرضى تقويم الاسنان
- تشوهات الاسنان وعلاجها بين المرضى السعوديين في عيادات تقويم السنان التابعة لكلية طب الاسنان جامعة الملك سعود

العمر عند تسارع النمو في طول الجسم لدى الاطفال السعوديين من عمر 9-18

-

الخبرات العلمية:

- 1996- الى الوقت الحالي تدريس مقدمة في تقويم الأسنان (نظري وعملي) لطالبات طب الأسنان (431واس)
- تدريس التقويم السريري نظري وعملي (واس432)
-
- 2008- الأشراف على طبيبات الامتياز بالأبحاث العلمية-

KING SAUD UNIVERSITY
College of Dentistry
Department of Preventive Dental Sciences
DIVISION OF ORTHODONTICS

PDS 432
Clinical Orthodontics
Academic Year 1428-1429H [2007-2008G]

Course Director : **DR. HUDA AL-KAWARI**
Contributors : **Dr. Laila Baidas**
Dr. Hana Al-Balbeesi

COURSE DESCRIPTION

Course Name : Clinical Orthodontics
Course Number : 432 PDS
Credit Hours : One (1) Credit Hour
Pre-requisite Course : 431 PDS (Introduction to Orthodontics)

The course is given over a period of 15 weeks divided into seminar and clinical orthodontics. In the seminar, three or four students will search extensively for selected orthodontic topic and will submit a report and give presentation on it followed by a group discussion on the topic with contribution of all students. The clinical session will cover 6 clinical orthodontic cases. The student will be divided into three groups and they will participate in problem-based session to analyze the presented cases.

The course has the following objectives:

1. To increase the knowledge of the students in theoretical background of the selected orthodontic topics.
2. To familiarize the students with the appropriate procedure of orthodontic diagnosis and treatment planning.
3. To expose the students to the orthodontic management of malocclusions.

At the end of the course the students should be able to recognize and classify the different types of malocclusions and define the cases suitable for treatment.

EVALUATION

The student will be evaluated by their performance during the course. The total grade is 100% and distributed as follows:

Continuous Assessment (60 marks)				Final	TOTAL
Evaluation	Report	Cases	Midterm		
15	5	10	30	40	100

432 PDS Clinical Orthodontics

SEMINAR & CLINICAL SCHEDULE

WEEK	DATE	SEMINAR	CLINICAL
1	12 September	Introduction	Introduction
2	19 September		Clinical Cases (1 & 2) Group A (Dr. Kawari) Group B (Dr. Balbeesi) Group C (Dr. Baidas)
3	26 September	CPR	CPR
4	3 October		Clinical Cases (1 & 2) Group A (Dr. Kawari) Group B (Dr. Balbeesi) Group C (Dr. Baidas)
4 – 19 October		RAMADAN HOLIDAY	
5	24 October	The Timing of Early Treatment: An Overview (Student 1, 2 & 3)	
		Orthodontic Diagnosis and Treatment Planning in the Primary Dentition (Student 4, 5, 6 & 7)	
6	31 October	The Benefit of Early Orthodontic Treatment (Student 8, 9, & 10)	
		Management of Space Problems in the Primary and Mixed Dentition (Student 11, 12, 13 & 14)	
7	7 November		Clinical Cases (3 & 4) Group A (Dr. Baidas) Group B (Dr. Kawari) Group C (Dr. Balbeesi)
8	14 November		Clinical Cases (3 & 4) Group A (Dr. Baidas) Group B (Dr. Kawari)

			Group C (Dr. Balbeesi)
9	21 November	MIDTERM EXAMINATION	
10	28 November	Orthodontic Diagnosis in Young Children: Beyond Dental Malocclusion (Student 15, 16 & 17)	
		Orthodontic Diagnosis and Treatment Planning (Student 18, 19, 20 & 21)	

11	5 December	Managing the Developing Class III Malocclusion with Palatal Expansion and Face Mask Therapy (Student 22, 23 & 24)	
		Treatment of Class III Problems Begins with Differential Diagnosis of Anterior Crossbites (Student 25, 26, 27 & 28)	
12	12 December		Clinical Cases (5 & 6) Group A (Dr. Balbeesi) Group B (Dr. Baidas) Group C (Dr. Kawari)
13	2 January '08		Clinical Cases (5 & 6) Group A (Dr. Balbeesi) Group B (Dr. Baidas) Group C (Dr. Kawari)
14	9 January	Clinical Management of Impacted Canine (Student 29, 30 & 31)	
		Special Consideration in Treatment of Adults (Student 32, 33, 34 & 35)	
15	16 January	Orthodontic Treatment for the Cleft Palate Patient (Student 36, 37 & 38)	
		Assessment of Patients for Orthodontic Surgery (Student 39, 40, 41 & 42)	
16	23 January	FINAL ASSESSMENT EXAMINATION	

REFERENCES:

Reference Books:

1. An Introduction to Orthodontics
Mitchell L.
Oxford University Press 1996
2. Contemporary Orthodontics
Proffit W.
Mosby, Inc. 2000

Reference Articles (Provided to the Students):

1. The Timing of Early Treatment: An Overview. Proffit WR. American Journal of Orthodontics and Dentofacial Orthopedics, 129(4 Supplement 1): S47-S49, 2006.
2. Orthodontic Diagnosis and Treatment Planning in the Primary Dentition. Ngan P, Fields H. ASDC Journal of Dentistry for Children, 62(1): 25-33, 1995.
3. The Benefits of Early Orthodontic Treatment. Rondeau B. General Dentistry. 51(2): 114-119, 2003.
4. Management of Space Problems in the Primary and Mixed Dentition. Ngan P, Alkire RG, Fields H. Journal of American Dental Association, 130(9): 1330-1339, 1999.
5. Orthodontic Diagnosis in Young Children: Beyond Dental Malocclusion. Jefferson Y. General Dentistry: 51(2): 104-111, 2003.
6. Orthodontic Diagnosis and Treatment Planning. Bishara SE. Textbook of Orthodontics. 1st edition Philadelphia: Saunders; 98-112, 2001.
7. Managing the Developing Class III Malocclusion with Palatal Expansion and Facemask Therapy. Turley P. American Journal of Orthodontics and Dentofacial Orthopedics, 122(4): 349-352, 2002.
8. Treatment of Class III Problem begins with Differential Diagnosis of Anterior Crossbite. Ngan P, Fields H. American Academy of Pediatric Dentistry no. 19. 6 pages 386-395, 1997.
9. Clinical Management of Impacted Maxillary Canines. Bishara SE. Seminar in Orthodontics. 4(2): 87-98, 1998.
10. Special Consideration in Treatment of Adults. Proffit WR. Contemporary Orthodontics, 6(3): 183-194, 2000.

11. Orthodontic Treatment for the Cleft Palate Patient. Vlachos CC. *Seminars in Orthodontics*, 2(3): 197-204, 1996.
12. Assessment of Patients for Orthognathic Surgery. Bailey LJ, Proffit WR, White R Jr. *Seminars in Orthodontics*, 5(4): 209-222, 1999.

**PDS 432
Clinical Orthodontics**

Academic Year 1427-1428H [2006-2007G]

EVALUATION SHEET FOR ORTHODONTIC SEMINAR

Topic :

Date :

Name of Students :

Introduction/conclusion to the subject	:	(2)	_____	_____	_____
Organization and fluency of information given	:	(4)	_____	_____	_____
Sufficient information	:	(4)	_____	_____	_____
Illustrative diagrams and photographs	:	(2)	_____	_____	_____
Extra information taken from articles and books	:	(3)	_____	_____	_____
TOTAL	:	(15)	_____	_____	_____

***Note: The evaluation should be according to the performance of the student.
Two instructors should evaluate each student and the average mark is recorded.***

KING SAUD UNIVERSITY
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DIVISION OF ORTHODONTICS

431 PDS

COURSE OUTLINE

Course Director : DR. LAILA BAIDAS [MUC]

Contributors : DR. HUDA AL-KAWARI
DR. SAHAR BARAKATI
DR.HANA BALBEESI

Course Description:

Knowledge of the basic of orthodontics is essential for the dental student. This course will provide the undergraduate student with the background of the normal occlusion, malocclusion, growth and development of dento-facial structures, etiology and diagnosis of malocclusion, and the treatment of discrepancies.

The course is an introductory course and consists of lectures and practical parts. The course is conducted through the whole academic year in two semesters.

First and Second Semester:

Will consist of two parts:

One Hour - lecture
Three Hour - Practical

Evaluation:

Student shall be evaluated by their performance during the course by continuous assessment and final examination. The total mark 100% and distributed as follows: 60% for the continuous assessment and 40% for the final examination. The detail of the distribution is described in the following table.

Continuous Assessment						Final Examination	TOTAL
First Semester - 30%			Second semester – 30%				
QZ	PE1	WE1	QZ	PE2	WE2		
5	10	15	5	10	15	40%	100%

QZ – quizzes **PE** – Practical Examination **WE** – Written Examination

INSTRUCTION TO STUDENT

1. Student should expect the quiz at any lecture day without previous announcement.
2. Attendance is a **MUST**; each is counted as 0.5 point out of the total mark. Any student who does not attend the lecture or the laboratory session **MUST** submit to the course director the reason(s) of her absence.
3. Examination dates will not be changed. Any student who does not attend the examination **MUST** submit a letter to the course director.
4. Examination will include any type of questions. Students **are not allowed** to ask about the type of the examination or the type of questions.
5. During the laboratory session, students should maintain their cubicle clean. In addition, the unit's light **MUST** be turned-off before leaving.
6. All laboratory assignments **MUST** be submitted in the same session. Any delay will not be accepted.
7. Students **MUST** bring their instruments during every laboratory session expect for ortho study cast. **NO EXCUSE IS ALLOWED**. (Please review the course outline before the session and bring the instruments required)

Textbooks:

Every student must purchase the following textbook:

1. Introduction to Orthodontics
By: Laura Mitchell, 1996
2. Contemporary Orthodontics (Chapter for the textbook)
By: William Profitt
3. Introduction to Orthodontics (Chapter for the textbook)
By : Thailander et al.
4. Textbook of Orthodontics (Chapter for the textbook)
(Chapter for the textbook)
By : Samir E. Bishara

Department of Preventive Dental Sciences
DIVISION OF ORTHODONTICS
431 PDS [F]
Introduction to Orthodontics
LECTURE & PRACTICAL OUTLINE
First Semester
Tuesday, 8:00 AM-12:00 NN

WEEK	DATE	LECTURE	PRACTICAL
1	12 Sept.2006	Introduction to the Course □ Dr. Baidas	Introduction to the Laboratory Study Models – I - Impression of students, and pouring
2	19 Sept. 2006	Facial growth (Chap. 4, L.M.) □ Dr. Baidas	Study Models – I - Impression of students, and pouring
3	26 Sept.2006	Developing Dentition (Chap. 3, L.M) □ Dr. Baidas	Study Models – II - Demonstration of model trimming & Finishing
4	3 Oct. 2006	Developing Dentition (Chap. 3, L.M.) □ Dr. Baidas	Class I, II div 1 Malocclusion - Description of using models - Definition, types, managements, etc.
5	10 Oct 2006	Etiology of Malocclusion (Chap. 5, Proffit) □ Dr. Balbeesi	Class II div 2, III Malocclusion - Description of using models - Definition, types, managements, etc.
6	17 Oct.2006	Orthodontic Diagnosis I (Chap. 6 Pg. 123-138 Proffit) □ Dr. Kawari	Radiographs (OPJ, Occlusal, Posterior-anterior Radiographs)/ Wire Bending
RAMADAN / EID VACATION			
7	31 Oct. 2006	Orthodontic Diagnosis II (Chap. 6 Pg. 160-185 Proffit) □ Dr. Barakati	Hand and Wrist Radiograph Description Of the method and application of analysis using hand & wrist x-ray
8	7 Nov. 2006	Cephalometrics (Chap. 6, L.M.) □ Dr. Barakati	Cephalometric I - Tracing using student's own cephalogram
9	14 Nov. 2006	Cephalometrics (Chap. 6, L.M.) □ Dr. Barakati	Cephalometric II - Landmarks identification
10	21 Nov. 2006	Class I (Chap. 8, L.M.) □ Dr. Kawari	Cephalometric III - Measurements & interpretation
11	28 Nov. 2006	Class II div I (Chap. 9, L.M.) □ Dr. Kawari	Model Analysis - Permanent model analysis - Moyer's model analysis
12	5Dec 2006	Class II div II (Chap. 10, L.M.) □ Dr. Barakati	Cases presentations by the students
13	12 Dec. 2006	Class III (Chap. 11, L.M.) □ Dr. Kawari	Cases presentations by the students
14	19 Dec.2006	Canines (Chap.14, L.M.) □ Dr.Kawari	Cases presentations by the students
15	9 Jan. 2007	Malocclusal Problems (Chap.12,13 L.M.)□ Dr. Baidas	Cases presentations by the students
16	16 Jan 2007	WRITTEN EXAMINATION 1	PRACTICAL EXAMINATION 1

**Department of Preventive Dental Sciences
DIVISION OF ORTHODONTICS**

**431 PDS [F]
Introduction to Orthodontics**

**LECTURE & PRACTICAL OUTLINE
Second Semester
Tuesday, 8:00 AM-12:00 NN**

WEEK	DATE	LECTURE	PRACTICAL
1	17 Feb. 2007	Treatment Planning (Chap. 7, L.M.) □ Dr. Baidas	Introduction Instrumentation description
2	24 Feb. 2007	Interceptive Orthodontics (Chap. VI , Thailander) □ Dr. Baidas	Holding arch - Demonstration Nance arch, Transpalatal arch
3	3 March. 2007	Interceptive Orthodontics (Chap. VI , Thailander) □ Dr. Baidas	Holding arch Demonstration on Lingual arch
4	10 March. 2007	Removable appliances (Chap. 16, L.M.) □ Dr. Baidas	Labial Bow - Demonstration on Dental Model
5	17 March. 2007	Functional Appliances (Chap. 18, L.M.) □ Dr. Barakati	Functional Orthodontic Appliances and Removable Orthodontic Appliances - Description of the appliances using Samples -definition, Types, Component, etc.
6	24 March. 2007	Fixed Appliances (Chap.17,L.M.)□ Dr. Balbeesi	Z Spring & Finger Spring - Demonstration on Dental Model
7	31 March. 2007	Orthodontic Treatment Timing (Chap.7, Proffit) □ Dr. Barakati	Retentive components: Adams Clasp - Demonstration on Dental Model
8	7 April. 2007	Orthodontic Forces and Tissue Reaction (Chap. 9, Proffit) □ Dr. Kawari	Retentive components: Adams Clasp - Demonstration on Dental Model
9	14 April. 2007	WRITTEN EXAMINATION 1	Construction Of Hawley Retainer-Adams Clasp on tooth # 16 of the student model
10	21 April. 2007	Adverse Effect of Orthodontics (Chap. IX, Thilander) □ Dr. Kawari	Construction Of Hawley Retainer -Adams Clasp on tooth # 26 of the student model
11	28 April. 2007	Adult Orthodontics (Chap.19,L.M.) □ Dr. Kawari	Construction Of Hawley Retainer - Labial bow on the student model
12	5 May. 2007	Orthognathic Surgery (Chap. 20, L.M.) □ Dr. Barakati	Construction Of Hawley Retainer - Acrylization
13	12 May. 2007	Cleft Lip and Palate (Chap. 21, L.M.) □ Dr. Barakati	Construction Of Hawley Retainer -Finishing ,Polishing and Delivery
14	19 May. 2007	Stability and retention (chap. 18 Proffit) □ Dr. Baidas	Review
15	26 May.2007	Review	PRACTICAL EXAMINATION 2

