

5- الخطة الدراسية:

5.1 مواضيع وعدد المحاضرات ومواضيع وعدد ساعات التدريب العملي

No.	Topics	Hours
1	Introduction to radiology	1
2	Radiation physics	1
3	Radiation production	1
4	Radiation biology	1
5	Radiation safety and protection	1
6	Dental films	1
7	dental film processing	1
8	Intraoral radiographic technique	3
9	Radiographic image characteristic	1
10	Radiographic errors	1
11	Normal radiographic anatomy	1
12	Dental caries	1
13	Periodontal diseases	1
14	Periapical & inflammatory lesions of jaws	1
15	Digital radiology	1
	Total	18

1.1.5 المحاضرات وعدد الساعات لشعبة الاشعة السنة الثالثة:

2.1.5 المواضيع وعدد الساعات العملي لشعبة الاشعة السنة الثالثة:

No.	Topic	Clinical applications	
1	Infection control	Clinical demonstration	2
2	. x-ray machine: parts & procedure	Introducing the intraoral x-ray machine	2
3	Radiation Protection	Clinical demonstration	2
4	Dental Films	Clinical demonstration	2
5	Dental film Processing (Manual & Automatic processing)	Clinical demonstration & training	2
6	Intraoral Radiographic Technique	Clinical demonstration & training	2
7	Film mounting & viewing	Clinical demonstration & training	2
8	Radiographic Errors	Radiographic interpretation	2
9	Normal Radiographic anatomy	Radiographic interpretation	2
10	Dental Caries	Radiographic interpretation	2
11	Periapical and inflammatory lesions	Radiographic interpretation	2
12	Periodontal Diseases	Radiographic interpretation	2
13	Developmental dental anomalies	Radiographic interpretation	2
	Total hours		26

3.1.5 المحاضرات وعدد الساعات لشعبة طب الفم والتشخيص السنة الثالثة:

No.	Topics	Hours
1	Introduction to the course	1
2	Principles of history taking	2
3	Importance of medical, dental history & systemic review	2
4	Methods and types of clinical examination	3
5	The concept of differential diagnosis & establishment of definitive diagnosis	2
6	Laboratory investigations & their importance in dental practice	3
7	Principles of formulating treatment plane	2
8	Diagnosis of dental caries	1
9	Diagnosis of periodontal diseases	1
	Total number of hours/year	17

4.1.5 المواضيع وعدد الساعات العملي لشعبة طب الفم والتشخيص السنة الثالثة:

<u>Topics</u>	<u>Objectives</u>
<u>Case history</u>	<ul style="list-style-type: none"> • <u>General information</u> • <u>Chief complain and presenting illness</u>
<u>Medical and dental history</u>	<ul style="list-style-type: none"> • <u>Serious or significant illnesses</u> • <u>Systemic review</u> • <u>Drug history</u> • <u>Dental history</u> • <u>Family history</u> • <u>Social history</u>

<u>Extraoral examination</u>	<p><u>Student must be guided to see how to examine a patient clinically. Including:</u></p> <ul style="list-style-type: none"> • <u>General examination</u> • <u>Examination of head and orofacial region</u> • <u>Examination of TMJ and occlusion</u>
<u>Orofacial, head and neck examination</u>	<ul style="list-style-type: none"> • <u>Examination of salivary glands</u> • <u>Examination of neck</u> • <u>Examination of cranial nerves</u> •
<u>Intraoral examination</u>	<ul style="list-style-type: none"> • <u>Oral hygiene</u> • <u>Examination of occlusion</u> • <u>Examination of soft tissues</u> • <u>Examination of tongue</u>
<u>Diagnosis of dental caries and periodontal disease</u>	<ul style="list-style-type: none"> • <u>Examination of teeth</u> • <u>Examination of periodontium</u>
<u>Diagnosis and management</u>	<ul style="list-style-type: none"> • <u>Provisional diagnosis</u> • <u>Differential diagnosis</u> • <u>Radiological findings</u> • <u>Final diagnosis</u> • <u>Prognosis</u> • <u>Investigation</u> • <u>Treatment plan</u>

5.1.5 المحاضرات وعدد الساعات لشعبة أمراض الفم السنة الثالثة:

No.	Topics	Hours
1-	Introduction to the course of oral pathology	1
2-	Dental caries: <ul style="list-style-type: none"> • Etiology of dental caries • Classification of dental caries • Pathology of dental caries 	3
	Acquired Non-carious lesions of the teeth: <ul style="list-style-type: none"> • Regressive and reparative process. • Abrasion, Erosion, Attrition. • Resorption of teeth, Hypercementosis. 	2
3-	Developmental disturbances of oral and para-oral tissues: Teeth, jaws, palate, lips, tongue, gingiva, oral mucosa and salivary glands.	3
4-	Disease of pulp and periapical tissue: <ul style="list-style-type: none"> • Pulpitis: classification, causes (etiology), clinical features, histopathology and sequela. • Periapical periodontitis: classification, causes, clinical features, histopathology and complication. 	3
5-	spread of dental infection: <ul style="list-style-type: none"> • Cellulitis • Osteomyelitis • Dry socket • Healing of extraction socket 	2
6-	Cysts of jaws and oral soft tissues: <ul style="list-style-type: none"> • Definition, formation, expansion, and classification. • Odontogenic cysts and Non-odontogenic cyst. <ul style="list-style-type: none"> • Cysts of the soft tissues 	4
7-	Oral ulcerative & vesiculoboullous lesions: <ul style="list-style-type: none"> • Definition, classification, histopathology and etiology. <ul style="list-style-type: none"> • Traumatic ulceration. • Recurrent aphthous stomatitis. • Vesiculoboullous diseases 	4
8-	Oral white and red lesions: <ul style="list-style-type: none"> • Definitions, causes, and classification. <ul style="list-style-type: none"> • Histopathology features. • Hereditary conditions. • Traumatic keratosis 	3
	<ul style="list-style-type: none"> • Dermatological. 	

9-	Pre-cancerous lesions and conditions: <ul style="list-style-type: none"> • Leukoplakia and erythroplakia. • Carcinoma in situ. • Oral epithelial atrophy. • Chronic hyperplastic candidiasis 	2
10-	Hamartomatous (Tumor-like) lesions and Common benign, malignant non-odontogenic tumors (including pigmented lesions)	7
11-	Odontogenic tumors: <ul style="list-style-type: none"> • Classification • Odontomes • Benign and malignant odontogenic tumors 	4
12-	Diseases of Salivary glands: <ul style="list-style-type: none"> • Developmental anomalies. • Sialadenitis. • Obstructive and traumatic lesions • Sjogren's syndrome 	3
13-	Tumors of salivary glands: <ul style="list-style-type: none"> • Classification • Adenomas • Carcinomas 	3
14-	Infections of Oral and Paraoral Tissues: <ol style="list-style-type: none"> 1. Bacteria 2. Fungal 3. Viral 4. Human immunodeficiency virus (HIV) 	4
15	Diseases of Bone (oral Aspects): <ul style="list-style-type: none"> • Osteogenesis imperfecta, osteoporosis, osteopetrosis, Cleidocranial dysplasia, Rickets and osteomalacia. • Paget's disease • Fibrous dysplasia and cherubism 	3
16-	Oral aspects of metabolic diseases:	2
	Total number of hours/year	51

6.1.5 المواضيع وعدد الساعات العملي لشعبة أمراض الفم السنة الثالثة:

No.	Topics	Hours
1-	Basic immunological and oral diseases	1
2-	Oral manifestation of immunologically mediated disorders	1
3-	Immune deficiency disorders and other allergic immune disorders	1
4-	Autoimmunity and other non-allergic immune disorders	1
5-	White lesions of oral mucosa	3
6-	Ulcerative and vesiculo-bullous lesions	3
7-	Orofacial pain	3
	Dental management of medically compromised patients Oral manifestations of systemic diseases	
8-	Cardiovascular disorders	3
9-	Endocrine disorders	2

	Topics	Hours
1	Dental caries, diseases of the pulp and diseases of the periapical area	2
2	Cysts of the oral region	2
3	Odontogenic tumors	2
4	Reactive and hyperplastic oral lesions Benign tumors of the oral tissues	2
5	White lesions and premalignant lesions	2
6	Malignant neoplasms	2
7	Salivary gland diseases and neoplasms	2
8	Diseases of bone and infection of oral mucosa	2

10-	Renal disease	2
11-	Respiratory disorders	2
12-	Gastrointestinal disorders	2
13-	Neurological diseases	2
14-	White blood cell disorders	2
15-	Red blood cell disorders	2
16-	Platelets & other bleeding disorders	2
17-	Liver diseases	1
18-	Viral infection of orofacial region	1
19-	Viral hepatitis & HIV infection	3
20-	Bacteria infection	1
21-	Candidial infection	1
22-	Oral pigmentation	1
23-	Premalignant lesions, conditions & oral cancer	2
24-	Tongue and lip disorders	1
25-	Cervical lymphadenopathy	1
26-	Diseases of salivary glands	2
27-	Drug induced lesions of oral mucosa	1
28-	Dental implication of pregnancy	1
29-	Drugs used in oral medicine	1
30-	Medical emergencies in dentistry	1
31-	Cross infection control	1
	Total number of hours/year	52

7.1.5 المحاضرات وعدد الساعات لشعبة طب الفم والتشخيص السنة الرابعة:

8.1.5 المحاضرات وعدد الساعات لشعبة أشعة الفم السنة الرابعة:

No.	Topics	Hours
1	Panoramic radiography 8	1
2	Extra-oral radiography	1
3	Cone Beam Computed Tomography	2

4	General principle of radiographic interpretation	1
5	Radiographic Appearance of cysts	1
6	Radiographic Appearance of Benign Tumors	1
7	Radiographic Appearance of Malignant Tumors	1
8	Diseases of bone	1
9	Systemic diseases manifested in the jaws	1
10	Differential diagnosis of jaw lesions	2
11	Advanced imaging Modalities	1
12	Salivary gland radiology	1
	Total number of hours/year	14hrs

9.1.5 المواضيع وعدد الساعات العملي لشعبة أشعة الفم السنة الرابعة:

N o	Topics	Clinical application	Hours
1	Panoramic radiography	Introducing the panoramic machine -Radiographic interpretation of anatomical landmarks	2
2	Extra-oral radiography	-Identification of Extraoral radiographs	2
3	General principle of radiographic interpretation	How to take an Intraoral radiograph using the bisecting technique(training)	2
4	Radiographic Appearance of cysts	-Radiographic interpretation	2
5	Radiographic Appearance of Benign Tumors	-Radiographic interpretation	2
6	Radiographic Appearance of Malignant Tumors	-Radiographic interpretation	2
7	Diseases of bone	-Radiographic interpretation	2
8	Systemic diseases manifested in the jaws	-Radiographic interpretation	2
9	Differential diagnosis of jaw lesions	-Radiographic interpretation	2
10	Advanced radiographic imaging	-Introducing digital radiography	2
	Total number of hours/year		20hrs

2.5 الطرق التعليمية المتبعة:

- محاضرات منهجية نظرية باستخدام أجهزة العرض
- المعامل والمجاهر
- التدريب السريري
- Seminars

3.5 التدريب التكميلي (سنة الامتياز)

- يمارس طبيب الامتياز مهام عمله بإشراف رئيس القسم أو أعضاء هيئة التدريس أو المعيد
- يلزم طبيب الامتياز بالعمل حسب الجدول المعلن عنه في القسم
- مدة التدريب شهر واحد فقط وفي هذه المدة يُلزم الطالب باستيفاء المتطلبات التي قررها القسم requirement form

Requirement of internship students in Oral medicine, oral pathology, oral diagnosis and oral radiology department

Student name:

student number:

Requirement		Date	Significant clinical details	Supervisor (name & sign)
Comprehensive case presentation with significant medical history (proper management and treatment plan)				
Comprehensive case presentation with significant medical history (proper management and treatment plan)				
IOPA & OPG interpretation				
Toothache diagnosis & management	Case 1			
	Case 2			
	Case 3			
	Case 4			
	Case 5			
	Case 6			
	Case 7			
	Case 8			
	Case 9			
	Case 10			
Seminars				
Other activities				
Attendance	comment			

5.4 تقييم الطلاب:

يتم تقييم الطلاب بأساليب متعددة للتأكد من تحقيق الأهداف التعليمية، منها:

- Written exams (Midterm & Final)
- Practical exam (Final)
- Oral exam (final)
- seminars

ويتم توزيع درجات التقييم على الأساليب السابق ذكرها كالآتي:

- Midterm written (30% of total marks)
- Final exam (written, oral, practical) (70% of total marks)

ويعتبر الطالب ناجحاً في المقرر الدراسي إذا حصل على مجموع درجات 60% ستون بالمائة على الأقل في المقرر.

- **أمراض الفم** كونها من مقررات السنة الثالثة المنتهية يكون المجموع الكلي 100 درجة يخصص منها 30 درجة كأعمال سنة 70 درجة للامتحان النهائي.
- **طب الفم والتشخيص والأشعة** كونها من المواد المستمرة يكون المجموع الكلي 200 درجة يخصص منها 30 درجة كأعمال سنة في السنة الثالثة و30 درجة كأعمال في السنة الرابعة.

ويتم توزيع درجات التقييم كالآتي:

أمراض الفم:

- 30 درجة للامتحان الجزئي
- 40 درجة للامتحان النظري النهائي
- 30 درجة (الامتحان الشفهي والعملي)

طب الفم:

- 30 درجة الامتحان الجزئي Oral diagnosis في السنة الثالثة
- 30 درجة الامتحان الجزئي Oral medicine في السنة الرابعة
- 40 درجة امتحان نظري نهائي
- 60 درجة امتحان كلينيك
- 20 درجة امتحان شفهي
- 20 درجة objective exam