

**Faculty of Oral & Dental Medicine**

**Oral Medicine & Periodontology**

**Information :**

**Course Code :** MPDR 412

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Oral & Dental Medicine

**Instructor Information :**

Title	Name	Office hours
Lecturer	Ramy Mubarak Mohamed Hussein	1
Assistant Lecturer	NEVEN MOHAMED OSAMA IBRAHIM ALGAMMAL	
Teaching Assistant	KHOLOUD GAMAL SAAD ELSAYED	
Teaching Assistant	Nourhan Hatem Amin Mohamed Elkady	
Teaching Assistant	Ali Mohamed Ali Abdelsalam Mokhles	

**Area Of Study :**

- To foster knowledge that governs the principle of Immunity .
- To provide opportunities for review and analysis of a wide range of patients chief complaints.
- To expand students analytical skills relative to clinical signs and symptoms and adjunctive special investigations of oro-dental diseases
- To apply and predict the knowledge obtained for the appropriate diagnosis of oro-dental diseases.

**Description :**

Local predisposing factors, Influence of systemic diseases and disorders on periodontium, Aggressive periodontitis, Periodontal abscess, Acute gingival infections, Diagnosis of periodontal disease, Prognosis of periodontal disease, Mechanical plaque control, Scaling and root planing, Chemical plaque control, Surgical periodontal therapy, Gingivectomy and Gingivoplasty, Tissue attachment procedures, Periodontal flap, Osseous surgery, Regenerative periodontal therapy , Mucogingival (plastic) surgery.

**Course outcomes :**

**a.Knowledge and Understanding: :**

1 -	Define different types of Immunity .
2 -	Recognize the different instruments, devices and methods used in the field of oral diagnosis.
3 -	State scientific rules for obtaining patient history.
4 -	Describe different types of questions asked to the patient according to the relevant psychological and scientific background.
5 -	Review different types of chief complaints
6 -	Explain different techniques of oral examination.
7 -	Recognize normal landmarks both extra-oral and intra-oral.
8 -	Describe information about the etiology, epidemiology, pathogenesis, differential diagnosis, prevention and prognosis of oral and oral-related disorders.

9 -	Recall different laboratory tests which aid the dentist in diagnosis of	different oral lesions.
10 -	Memorize rules of referral and consultations.	
11 -	List general aspects of dental practice including esthetics, medico-legal management and maintenance of a safe working environment.	considerations,
<b>b.Intellectual Skills: :</b>		
1 -	Demonstrate respect to all patients irrespective of their socioeconomics	level and cultural beliefs.
2 -	Converse with patients in an attentive manner that conveys concern, encouragement to patients or their families.	compassion and
3 -	Point out to the patient the nature of his/her condition, different treatment complications in such away that is easily understood	answers patient questions and encourages discussion.
<b>c.Professional and Practical Skills: :</b>		
1 -	Apply the brief concise case history in an informed consent.	
2 -	Use different instruments and techniques of clinical examination and	understand their limitations and hazards.
3 -	Analyze answers to the different types of questions asked to the patient.	
4 -	Differentiate between different types of chief complaints.	
5 -	Relate information obtained from the patient history to its chief	complaints.
6 -	Practice a comprehensive extra oral and intra oral examination including	head and neck, oral hard and soft tissues and properly obtain vital signs.
7 -	Select the medical and dental history items relevant to chief complaint/s	reported by the patient.
8 -	Distinguish between the range of normal clinic	
9 -	Finding and abnormal deviations present.	
10 -	Interpret signs and symptoms and physical findings	
11 -	in terms of their anatomic, pathologic, and functional.	
12 -	Diagnostic significance.	
13 -	To amalgamate the obtained clinical and investigational data base with knowledge and skill of deductive reasoning to be	the evidence-based proficient in clinical problem solving.
14 -	Compose a prioritized list of tentative diagnosis, differential diagnosis	and final diagnosis of each presented chief complaint/s.
15 -	Demonstrate appropriate professional attitudes and behavior in dealing	with staff members and helping personnel.
16 -	Choose the effective communication means with other health care	professionals
17 -	to maximize patient benefits and minimize the risk of errors.	
18 -	Use an appropriate formal and informal consultation with specialists in	situations that are beyond the scope of their knowledge and skills.
19 -	Recognize infection control policies.	
<b>d.General and Transferable Skills: :</b>		
1 -	Propose an individualized treatment plan for different chief complaints	
2 -	Assess treatment options to be done by the general dentist and those that need	referral and consultation.
3 -	Recommend the need of initial medical emergencies management as basic life	support.
4 -	Appraise his/her duty to manage oral health of the patient with special needs.	
5 -	Apply the health and safety regulations as	

6 - They affect dental practice and environment.

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Basic immunology	4		
Drugs used for treatment of allergy	4		
Introduction to hypersensitivity reactions	4		
Type I hypersensitivity reactions	4		
Type II hypersensitivity reactions	4		
Type III hypersensitivity reactions	4		
Type IV hypersensitivity reactions	4		
Focal infection	4		
Occupational diseases of dentists	4		

**Teaching And Learning Methodologies :**

Lectures With Discussions
Small group sessions
Tutorial classes :- . a. Small group teaching    b. Computer projection    c. role playing
Case Study :-    a. Demonstration using computer projection    b. Demonstrate with a patient    c. Discussion and practice of the diagnostic skills
Guest speaker
Panel of experts

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Final written Examination	25.00		
Mid-term Examination	30.00		assess knowledge and understanding & general intellectual skills.
Mid-term Practical Examination	20.00		to assess knowledge and understanding & professional skills & general intellectual skills
Oral Examination	10.00		to assess knowledge and understanding & professional skills & general intellectual skills
Practical Examination	15.00		

**Course Notes :**

The department book available for students from the department

**Periodicals :**

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- Cawson Essentials of Oral Pathology and Oral Medicine . Cawson and Odell, 7th Edition, 2002.
  - Color Atlas of Oral Pathology, Cawson and Odell, 2nd Edition, 1999
  - Clinical problem solving in dentistry. 1st Edition, 2002