

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 :

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

Description :

Innate immunity, Acquired immunity ,T-cells, B-cells and complement
Allergy TYPE I ,II , III and IV .
Adverse drug reactions

Course outcomes :

a.Knowledge and Understanding: :

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|-----|---|
| 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. |

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|--|---|---|
| 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. Intellectual Skills: : | | |
| 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 | options and possible answers patient questions and encourages discussion. |
| c. Professional and Practical Skills: : | | |
| 1 - | Apply the brief concise case history in an informed consent. | |
| 2 - | Use different instruments and techniques of clinical examination and and hazards. | understand their limitations |
| 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 and soft tissues and properly obtain vital signs. | head and neck, oral hard |
| 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 presented chief complaint/s. | and final diagnosis of each |
| 15 - | Demonstrate appropriate professional attitudes and behavior in dealing helping personnel. | with staff members and |
| 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 the scope of their knowledge and skills. | situations that are beyond |
| 19 - | Recognize infection control policies. | |
| d. General and Transferable Skills: : | | |
| 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 consultation. | referral and |
| 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 :

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| 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 :

- 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