

**Faculty of Oral & Dental Medicine**

**Oral Medicine & Periodontology**

**Information :**

**Course Code :** MPDR 514

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

**Instructor Information :**

| Title               | Name                                    | Office hours |
|---------------------|---|--------------|
| Associate Professor | WALEED MOHAMED ABBAS ABDELAZIZ NADA     | 1            |
| Lecturer            | Noha Ahmed Nagy Mohamed Nagy Dawoud     |              |
| Assistant Lecturer  | Sara Abd El Halim Hassan Ibrahim Galala |              |
| Assistant Lecturer  | NEVEN MOHAMED OSAMA IBRAHIM ALGAMMAL    |              |
| Assistant Lecturer  | Kholoud Sobhy Ibrahim Farag EIDeeb      |              |
| Teaching Assistant  | Mohamed Gamal Mohamed Omran Mekkawi     |              |

**Area Of Study :**

- To foster knowledge that governs the principle of diseases that affects the oral cavity and adjacent structures..
- To provide opportunities for review and analysis of a wide range of oral diseases.
- To expand students analytical skills relative to clinical signs and symptoms and adjunctive special investigations of oral diseases
- To apply and predict the knowledge obtained for the appropriate diagnosis, prognosis and treatment of oral diseases.
- To apply and predict the knowledge obtained for the appropriate diagnosis of oro-dental diseases.

**Description :**

Blood disease: RBCs disorders, WBCs disorders, platelets disorders, clotting disorders, management of systemic diseases (Cardiovascular diseases, endocrine disorders), tongue and tongue diseases

**Course outcomes :**

**a.Knowledge and Understanding: :**

|     |  |
|-----|--|
| 1 - | Define different types of hypersensitivity reactions   |
| 2 - | Recognize the different mechanisms of the human immunological system   |
| 3 - | State etiology, clinical picture, histopathology   |
| 4 - | Prognosis, treatment and dental implications of White lesions affecting oral tissues.  |
| 5 - | Describe etiology, clinical picture, histopathology, prognosis, treatment and dental implications of oral ulcers affecting oral tissues. |
| 6 - | Review different types of blood diseases having  |
| 7 - | Dental implications  |
| 8 - | Describe dental management of patients suffering from systemic diseases  |

|      |   |                              |
|------|---|------------------------------|
| 9 -  | Recognize different types of oro-facial pain and their management   |                              |
| 10 - | Describe information about the . Etiology, epidemiology, pathogenesis, differential diagnosis, prevention and prognosis of oral and facial hyper pigmentation |                              |
| 11 - | Recall different diseases affecting the salivary glands, their etiology   | pathogenesis and treatment.  |
| 12 - | Memorize infection diseases endangering the dentist and methods of  | infection control            |
| 13 - | 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 socioeconomic  | 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 options and possible |

**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 data collected from the different signs and symptoms revealed examination  | during the patient  |
| 4 -  | Differentiate between different types of oral diseases.  |   |
| 5 -  | Relate information obtained from the patient examination to its oral and   | systemic condition  |
| 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 of the patient.  | reported by the condition   |
| 8 -  | Distinguish between the range of normal clinical findings and abnormal   | deviations present.   |
| 9 -  | Interpret signs and symptoms and physical findings in terms of their functional.   | anatomic, pathologic, and   |
| 10 - | Diagnostic significance  |   |
| 11 - | To amalgamate the obtained clinical and investigational data base with knowledge and skill of deductive reasoning to be reaching a proper treatment to | the evidence-based proficient in clinical problem solving. thus the patient condition |
| 12 - | Compose a prioritized list of tentative diagnosis, differential diagnosis treatment plan of each presented chief                                       | and final diagnosis and complaint/s.  |

**d.General and Transferable Skills: :**

|     |   |  |
|-----|---|--|
| 1 - | Demonstrate respect to all patients irrespective of their socioeconomic   | 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 a way that s easily understood, | answers patient questions and encourages discussion options and possible |

**Course Topic And Contents :**

| Topic                           | No. of hours | Lecture | Tutorial / Practical |
|---------------------------------|--------------|---------|----------------------|
| Diseases of the salivary glands | 5            |         |                      |

### **Course Topic And Contents :**

| <b>Topic</b>                              | <b>No. of hours</b> | <b>Lecture</b> | <b>Tutorial / Practical</b> |
|---|---------------------|----------------|-----------------------------|
| Oral and facial hyper pigmentation        | 5                   |                |                             |
| Granulomatous diseases                    | 5                   |                |                             |
| Hepatitis                                 | 5                   |                |                             |
| Aids                                      | 5                   |                |                             |
| Infection control                         | 5                   |                |                             |
| Oral manifestations of vitamin deficiency | 5                   |                |                             |
| Halitosis                                 | 5                   |                |                             |
| Occupational diseases of the dentist      | 5                   |                |                             |
| Focal infection                           | 5                   |                |                             |

### **Teaching And Learning Methodologies :**

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

### **Course Assessment :**

| <b>Methods of assessment</b> | <b>Relative weight %</b> | <b>Week No</b> | <b>Assess What</b>   |
|------------------------------|--------------------------|----------------|--|
| 1st Mid-term Examination     | 15.00                    | 6              | assess knowledge and understanding & general intellectual skills                       |
| 2nd Mid-term Examination     | 15.00                    | 11             | assess knowledge and understanding & general intellectual skills                       |
| Class work                   | 20.00                    |                | assess knowledge & understanding & Professional skills & general intellectual skills   |
| Final term Examination       | 25.00                    |                |  |
| Oral Examination             | 10.00                    |                | assess knowledge and understanding & professional skills & general intellectual skills |
| Practical Examination        | 15.00                    |                | assess knowledge and understanding & professional skills & general intellectual skills |

### **Course Notes :**

The department book available for students from the department

### **Recommended books :**

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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.
  - Burket Oral Medicine, Greenberg and Glick, 10th Edition, 2003