

## Faculty of Oral & Dental Medicine

### Periodontology

#### Information :

**Course Code :** MPD 522

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

#### Instructor Information :

| Title              | Name                                 | Office hours |
|--------------------|--------------------------------------|--------------|
| Lecturer           | Ramy Mubarak Mohamed Hussein         |              |
| 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) expand students analytical skills to distinguish between various periodontal diseases.
- b) relate periodontal diseases to various systemic modifying factors.
- c) formulate proper diagnosis and treatment plan for periodontal diseases.
- d) provide opportunities for review and analysis of a wide range of non surgical and surgical periodontal therapy.
- e) introduce the recent techniques and materials related to periodontal regeneration.

#### Description :

Systemic modifying factors, Aggressive periodontitis, Acute gingival and periodontal conditions, New classification of periodontal diseases, Diagnosis, Prognosis and risk assessment of periodontal diseases, Surgical periodontal therapy, Regenerative periodontal surgery

#### Course outcomes :

##### **a.Knowledge and Understanding: :**

|     |                                                                                                                                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1 - | Identify the different systemic modifying factors affecting the periodontium.                                                           |
| 2 - | Describe the etiology, clinical and radiographic features and management of aggressive periodontitis..                                  |
| 3 - | State the etiology, clinical and radiographic features and management of acute gingival and periodontal conditions.                     |
| 4 - | Recall the diagnosis of periodontal diseases according to the new classification.                                                       |
| 5 - | Enumerate the factors that affect risk assessment of periodontal disease.                                                               |
| 6 - | Identify factors affecting prognosis of different periodontal diseases.                                                                 |
| 7 - | Describe different modalities of non-surgical periodontal therapy, surgical periodontal therapy and regenerative periodontal surgeries. |

##### **b.Intellectual Skills: :**

|     |                                                           |
|-----|-----------------------------------------------------------|
| 1 - | Classify the systemic predisposing factors                |
| 2 - | Distinguish between chronic and aggressive periodontitis. |

|                                                |                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 -                                            | Interpret different signs and symptoms and relate them to various gingival and periodontal diseases.                                                               |
| 4 -                                            | Propose the proper treatment plan for different gingival and periodontal conditions.                                                                               |
| 5 -                                            | Assess the risk assessment elements of periodontal disease.                                                                                                        |
| <b>c. Professional and Practical Skills: :</b> |                                                                                                                                                                    |
| 1 -                                            | Perform periodontal examination                                                                                                                                    |
| 2 -                                            | Diagnose different types of periodontal diseases                                                                                                                   |
| 3 -                                            | Formulate a treatment plan for different periodontal conditions                                                                                                    |
| 4 -                                            | Perform nonsurgical periodontal therapy                                                                                                                            |
| 5 -                                            | Refere patients with periodontal diseases to surgical periodontal therapy when indicated                                                                           |
| <b>d. General and Transferable Skills: :</b>   |                                                                                                                                                                    |
| 1 -                                            | Exercise effective communication methods with other health care professionals and auxiliary personals to maximize patient benefits and minimize the risk of errors |
| 2 -                                            | Practice team work and leadership activities                                                                                                                       |
| 3 -                                            | Manage Time and stress with the capability to prioritize work load for better performance and management.                                                          |

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

| Topic                                                            | No. of hours | Lecture | Tutorial / Practical |
|------------------------------------------------------------------|--------------|---------|----------------------|
| Systemic modifying factors                                       |              |         |                      |
| Aggressive periodontitis                                         |              |         |                      |
| Acute gingival and periodontal conditions                        |              |         |                      |
| New classification of periodontal diseases                       |              |         |                      |
| Diagnosis, Prognosis and risk assessment of periodontal diseases |              |         |                      |
| Surgical periodontal therapy                                     |              |         |                      |
| Regenerative periodontal surgery                                 |              |         |                      |

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

|                                      |
|--------------------------------------|
| Lectures.                            |
| Small group discussion.              |
| Demonstration.                       |
| Practical Training and Requirements. |
| Case presentations.                  |
| PBL.                                 |
| E-Learning.                          |

#### **Course Assessment :**

| Methods of assessment | Relative weight % | Week No | Assess What |
|-----------------------|-------------------|---------|-------------|
| Classwork             | 25.00             |         |             |
| Midterms              | 25.00             |         |             |
| Oral exam             | 10.00             |         |             |

|                |       |  |  |
|----------------|-------|--|--|
| Practical exam | 15.00 |  |  |
| Written exam   | 25.00 |  |  |

**Recommended books :**

• Carranza's Clinical Periodontology, Newman MG, Takei HH, Klokkevold PR, Carranza FA, 13th Edition, 2019.  
• Atlas of Cosmetic and Reconstructive Periodontal Surgery, Cohen ES, 3rd Edition, 2013.