

## Faculty of Oral & Dental Medicine

### Periodontology

#### Information :

**Course Code :** MPD 522

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

#### Area Of Study :

- expand students analytical skills to distinguish between various periodontal diseases.
- relate periodontal diseases to various systemic modifying factors.
- formulate proper diagnosis and treatment plan for periodontal diseases.
- provide opportunities for review and analysis of a wide range of non surgical and surgical periodontal therapy.
- 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.
6 -	Explain indications, advantages, and mode of action of different modalities of chemical plaque control
7 -	Compare between different types of grafts and different types of membranes.

##### **c.Professional and Practical Skills: :**

1 -	Perform periodontal examination
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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

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

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		

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**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.