

## Faculty of Oral & Dental Medicine

### Oral Medicine

#### Information :

**Course Code :** MPD 532

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

#### Area Of Study :

- Foster knowledge of oral and general manifestations of different blood disorders.
- Provide opportunities for review and analysis of a wide range of cardiovascular and endocrine disorders.
- Perform dental management of medically compromised patients.
- Be aware of rules of referral and consultations.
- Have an overview of management of patients with kidney and liver diseases.

#### Description :

Red blood cell disorders, White blood cell disorders, Clotting and bleeding disorders, Dental management of cardiovascular diseases, Dental management of endocrine disorders, Dental management of kidney diseases

#### Course outcomes :

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

1 -	Understand the different types of red and white blood cell disorders and their general and oral manifestations
2 -	Identify different types of clotting and bleeding disorders with their general and oral manifestations oral manifestations
3 -	Recall the laboratory investigations needed for proper diagnosis of various blood disorders.
4 -	Review dental implications and management of blood disorders
5 -	Discuss the etiology, mechanism and clinical features of cardiovascular diseases.
6 -	Describe dental management and implications of patients with cardiovascular diseases.
7 -	Review extra- and intraoral manifestations and dental management of endocrine disorders.
8 -	Describe the oral manifestations and dental management of patients with kidney diseases

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

1 -	Classify different types of red and white blood cell disorders.
2 -	Differentiate between different types of blood disorders based on clinical manifestations and laboratory investigations.
3 -	Explain the dental implications and management of different blood disorders.
4 -	Compare between different types of anticoagulants
5 -	Propose the treatment plan for management of patients with different cardiovascular diseases.
6 -	Compare the systemic and oral manifestations of different endocrine disorders
7 -	Integrate the obtained clinical and investigational data base to be proficient in clinical problem solving.
8 -	Explain the treatment plan for patients with kidney diseases

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

1 -	Formulate an individualized treatment plan for patients with different systemic disorders.
2 -	Report treatment options to be done by the general dentist and those that need referral and consultation.
3 -	Recognize patients at risk for their dental implications and management
4 -	Apply the brief concise case history in an informed consent.

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

1 -	Converse with patients in an attentive manner that conveys concern, compassion and encouragement to patients or their families.
2 -	Choose the effective communication means with other health care professionals.
3 -	Perform the possible infection control as safety comes first
4 -	Develop rational thinking and prudent judgment.
5 -	Recognize the basic concepts of quality assurance and practice management.

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Red blood cell disorders			
White blood cell disorders			
Clotting and bleeding disorders			
Dental management of cardiovascular diseases			
Dental management of endocrine disorders			
Dental management of kidney diseases			

**Teaching And Learning Methodologies :**

Lectures.
Small group discussion.
Demonstration.
Case presentations.
PBL
E-learning

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Class Work	25.00		
Midterms	25.00		
Oral exam	10.00		
Practical exam	15.00		
Written exam	25.00		

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**Recommended books :**

- "Dental Management of the Medically Compromised Patients, James W. Little, Mosby: 9th Edition, 2017.
- "Scully`s Medical Problems in Dentistry, Crispian Scully, Churchill Livingstone: 7th Edition, 2014.

**Periodicals :**

- "Journal of Oral surgery, Oral Medicine, Oral pathology, Oral Radiology