

## Faculty of Oral & Dental Medicine

### Pharmacology

**Information :**

**Course Code :** SGS 301

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

**Instructor Information :**

Title	Name	Office hours
Associate Professor	Yosra Mohamed Magdy Lotfy	1
Associate Professor	Amina Ahmed Sedky Abdelrahman Sedky Ibrahim	
Lecturer	Sara Adel Ahmed Khedr	1
Teaching Assistant	Aya Mahmoud Nasr Hanafi	

**Area Of Study :**

“To provide the basic knowledge about commonly used groups of drugs in dental practice.  
 “To enable students to understand the safe use of drugs as regards adverse effects, contraindications and drug interactions

**Description :**

Understanding pharmacology of central nervous system, chemotherapy, local antiseptics and disinfection. Drugs like antimicrobial, antifungal, antiviral hormones and corticosteroides. drugs affecting calcium hemostasis and emergencies.

**Course outcomes :**

**a. Knowledge and Understanding: :**

1 -	Discuss the pharmacokinetic, pharmacodynamic and pharmacotherapeutic
2 -	Discuss the adverse and toxic effects , and their management of commonly
3 -	Given an account on limitations to the use of drugs such as
4 -	Define clinically relevant age , sex , and genetic related variations that
5 -	Discuss the pathophysiology of diseases and explain the rational basis for
6 -	- Discuss the impact of preventive pharmacology in promoting health and
7 -	Define the principles , the indications , the relative advantages and
8 -	Discuss the use of life saving drugs
9 -	Recognize the rational and general guidelines of the use of drugs in the

**b. Intellectual Skills: :**

1 -	Intellectual Skills & Data Acquisition:
2 -	Document drug adverse reactions

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

1 -	Respect Patient's beliefs, values and privacy.
2 -	Respect ethics related to drug prescription and use especially to drugs
3 -	Recognize and effectively deal with unethical behavior of other members of healthcare team

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
General pharmacology	4		
General pharmacology	4		
Autonomic nervous sytem	4		
Autonomic nervous sytem	4		
Blood	4		
Blood	4		
Psycho-neuro-pharmacology	4		
Psycho-neuro-pharmacology	4		
Hormones and their antagonists	4		
Hormones and their antagonists	4		
Chemotherapy	4		
Chemotherapy	4		
Revision	4		

**Teaching And Learning Methodologies :**

Lectures
Tutorials ( Small group teaching )
Practical Modules

**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
Mid Term Practical Examination	20.00		assess practical skills & intellectual skills & general skills
Oral Examination	10.00		assess knowledge and understanding
Practical Examination	15.00		

**Course Notes :**

Dental pharmacology, principles and concepts

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**Recommended books :**

"Dental pharmacology, principles and concepts

**Periodicals :**

"Computer aided learning materials e.g. CDs.

"Internet e.g. online pharmacological data base such as micromedix.com

**Web Sites :**

online pharmacological data base such as micromedix.com