

Faculty of Oral & Dental Medicine

Pharmacology

Information :

Course Code : SGS 301

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Oral & Dental Medicine

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

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