



ROYAL COLLEGE OF PHARMACY
WAZIRPUR
DEPARTMENT OF PHARMACOLOGY
Course: Diploma in Pharmacy
LESSON PLAN

Faculty Name: Mr.

Subject: PHARMACOTHERAPEUTICS

Class: D. Pharmacy – 2nd Year

Subject Code: ER20-24T

Scope:

This course is designed to impart basic knowledge on etiopathogenesis of common diseases and their management along with quality use of medicines.

Course Objectives:

This course will discuss about

1. Etiopathogenesis of selected common diseases and evidence-based medicine therapy
2. Importance of individualized therapeutic plans based on diagnosis
3. Basic methods for assessing the clinical outcomes of drug therapy

Course Outcomes:

Upon successful completion of this course, the students will be able to

1. Help assessing the subjective and objective parameters of patients in common disease conditions
2. Assist other healthcare providers to analyse drug related problems and provide therapeutic interventions
3. Participate in planning the rational medicine therapy for common diseases
4. Design and deliver discharge counselling for patients

Lecture No.	Particular	Remarks /date
1.	Pharmacotherapeutics	
2.	Disease related with Cardiovascular System	
3.	Hypertension	
4.	Hyperlipidaemia	
5.	Angina and Myocardial infarction	

6.	Congestive Heart Failure	
7.	Disease related with Respiratory System	
8.	COPD	
9.	Tutorial (Problem solving session/ class test)	
10.	Asthma	
11.	Disease related with Endocrine System	
12.	Thyroid disorders	
13.	Diabetes	
14.	Disease related with Central Nervous System	
15.	Epilepsy	
16.	Parkinson's disease	
17.	Alzheimer's disease	
18.	Tutorial (Problem solving session/ class test)	
19.	Stroke	
20.	Migraine	
21.	Gastro-Intestinal Disorders	
22.	Gastro-oesophageal reflux disease	
23.	REVISION	
24.	Alcoholic liver disease	
25.	Peptic Ulcer Disease	
26.	Inflammatory Bowel Diseases (Crohn's Disease and Ulcerative Colitis)	
27.	Haematological Disorders	
28.	Tutorial (Problem solving session/ class test)	
29.	Megaloblastic anaemia	
30.	Iron deficiency anaemia	
31.	Infectious Diseases	
32.	Tuberculosis	
33.	REVISION	
34.	Urinary tract infections	
35.	Gonorrhoea and Syphilis	
36.	HIV and Opportunistic infections	
37.	Pneumonia	
38.	Tutorial (Problem solving session/ class test)	
39.	Hepatitis	
40.	Malaria	
41.	Viral Infections (SARS, CoV2)	
42.	Musculoskeletal Disorders	
43.	REVISION	
44.	Osteoarthritis	
45.	Rheumatoid Arthritis	
46.	Dermatology	
47.	Psoriasis	
48.	Tutorial (Problem solving session/ class test)	
49.	Eczema	
50.	Scabies	
51.	Psychiatric Disorders	
52.	Depression	
53.	REVISION	
54.	Psychosis	

55.	Anxiety	
56.	Ophthalmology	
57.	Glaucoma	
58.	Tutorial (Problem solving session/ class test)	
59.	Conjunctivitis (bacterial)	
60.	Conjunctivitis (viral)	
61.	Antimicrobial Resistance- Antibiotic	
62.	Antimicrobial Resistance - Antifungal	
63.	REVISION	
64.	Antimicrobial Resistance - antiviral	
65.	Antimicrobial Resistance - Amoebiasis	
66.	Antimicrobial Resistance - Protozoal	
67.	Antimicrobial Resistance - Hay bacillus	
68.	Tutorial (Problem solving session/ class test)	
69.	Antimicrobial Resistance - Tuberculosis	
70.	Women's Health	
71.	Polycystic Ovary Syndrome	
72.	Dysmenorrhea	
73.	REVISION	
74.	Premenstrual Syndrome	
75.	REVISION	
76.	REVISION	
77.	REVISION	
78.	Tutorial (Problem solving session/ class test)	

Scope: This course is designed to train the students in the basic skills required to support the pharmaceutical care services for selected common disease conditions.

Objectives: This course will train the students on

1. How to prepare a SOAP (Subjective, Objective, Assessment and Plan) note for clinical cases of selected common diseases
2. Patient counseling techniques/methods for common disease conditions

Outcomes: Upon successful completion of this course, the students will be able to

1. Write SOAP (Subjective, Objective, Assessment and Plan) notes for the given clinical cases of selected common diseases
2. Counsel the patients about the disease conditions, uses of drugs, methods of handling and administration of drugs, life-style modifications, and monitoring parameters.

PRACTICALS

Sr. no.	PRACTICAL LIST	Remarks /date
1	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Hypertension.	
2	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Angina Pectoris.	
3	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Myocardial Infraction.	
4	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Hyperlipidemia.	
5	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Rheumatoid Arthritis.	
6	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Asthma.	
7	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for COPD.	
8	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Diabetes.	
9	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Epilepsy.	
10	To study the preparation and Discussion of Subjective, Objective, Assessment Plan (SOAP) Notes for Stroke.	
11	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Depression	
12	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Tuberculosis.	
13	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Anemia.	
14	To study the preparation and Discussion of Subjective, (SOAP) Notes for (viral Objective, Assessment, and Plan Conjunctivitis Infection).	
15	To study the preparation and Discussion of Subjective, Objective, Assessment, Plan (SOAP) Notes for Psoriasis.	
16	To perform the study of disease condition. medication, life style modification, monitoring parameters and maintaining documentation of patient counselling on Rheumatoid Arthritis.	
17	To perform the study of disease condition. medication, life style modification, monitoring parameters and maintaining documentation of patient counselling on Hypertension.	
18	To perform the study of disease condition. medication, life style modification, monitoring parameters and maintaining documentation of patient counselling on	

	Asthma.	
19	To perform the study of disease condition. medication, life style modification, monitoring parameters and maintaining documentation of patient counselling on Stroke.	
20	To perform the study of disease condition. medication, life style modification, monitoring parameters and maintaining documentation of patient counselling on Tuberculosis.	
21	To perform the Dose calculation for the paediatrics and Geriatric Patient.	