

St.James College of Pharmaceutical Sciences St.James medical Academy River Bank, Chalakudy			
Programme:	Pharm D	Sem.:	IV Year
Name of Course: (Subject)	Pharmacotherapeutics -III	Course Code:	PD
Teaching faculty of the course	Lincy George		

Summary of the Lecture Plan

Topic	Lectures	Hours
Gastro Intestinal System	Peptic Ulcer Disease	4 hrs
	Gastro Esophageal Reflux Disease	4 Hrs
	Inflammatory Bowel Disease	5 Hrs
	Alcoholic Liver Disease	3 Hrs
	Hepatitis	5 Hrs
	Jaundice	4 Hrs
	Drug Induced Liver Disease	3 Hrs
Hematological System	Anaemia	6 Hrs
	Venous Thrombo Embolism	4 Hrs
	Drug Induced Blood Disorders	3 Hrs
Nervous system	Epilepsy	3 Hrs
	Parkinsonism	4 Hrs
	Stroke	4 Hrs
	Alzhiemers Disease	2 Hrs
Psychiatry Disorders	Schizophrenia	4 Hrs
	Affective Disorder	4 Hrs
	Anxiety Disorders	4 Hrs
	Sleep Disorders	4 Hrs
	Obsessive Compulsive Disorders	4 Hrs
Pain	Pain Pathways	2 Hrs
	Pain Management	3 Hrs
	Neuralgia	4 Hrs
	Head ache	3 Hrs
EBM	Advantages and Disadvantages,Methods	4 Hrs

Major issues or Core aspects to be addressed/ covered:

Topic Title : Gastro Intestinal System
Etiology, Pathogenesis, Clinical Features and management of Peptic Ulcer Disease
Etiology, Pathogenesis, Clinical Features and management of Gastro Esophageal Reflux Disease

Types of Inflammatory Bowel Disease, Etiology, clinical Features and management of Crohn's Disease and Ulcerative Colitis
Etiology, Pathogenesis and management of Alcoholic Liver Diseases
Etiology, Mode of Transmission, Clinical Features, Prevention and Management of HepA,B,C,D,and Hep E
Different types of Jaundice, etiology and management of Jaundice
Different drug induced Liver Diseases with examples of drugs and management
Topic Title: Hematological System
Classification of Anemia, Etiology, pathogenesis, clinical features and management of different types of Anemia
Etiology, pathogenesis, clinical features and management of Deep Vein Thrombosis and Pulmonary Embolism
Different drug induced Blood Disorders with examples of drugs and management
Topic Title: Nervous System
Types of Epilepsy, pathogenesis and management of Epilepsy
Etiology, clinical features, diagnosis and management of Parkinsonism
Types of Stroke, etiology pathogenesis, clinical features, complications and management of Stroke.
Etiology. Clinical features and management of Alzhiemers Disease
Topic Title: Psychiatry Disorders
Etiology, pathogenesis and management of Schizophrenia
Etiology, pathogenesis and management of Depression and Mania
Etiology, pathogenesis and management of Anxiety Disorders
Clinical features and management of different types of Sleep Disorders
Clinical features and management of Obsessive Compulsive Disorders
Topic Title: Pain
Ascending and descending pathways of Pain Pathways
Different categories of drugs used for the management of Pain.
Different types of Neuralgia and its management
Different types of Head ache and management
Topic Title: EBM
Importance of Evidence based Medicine, its advantages and disadvantages and steps involved in it.
Applications of EBM

Sample Questions

Topic Title : Gastro intestinal system
Explain the etiology and pathogenesis and management of PUD.
Write a note on Etiology, Pathogenesis, Clinical Features and management of Gastro Esophageal Reflux Disease.

Write the aetiology, clinical features and management of Crohn's disease.
Differentiate Ulcerative colitis and Crohn's disease.
Explain Etiology, Pathogenesis and management of Alcoholic Liver Diseases.
Explain the mode of transmission and management of Hep B
Write about the mode of transmission and management of Hep C
Compare the mode of transmission, causative organism ,prevention and management of different types of Hepatitis
Explain the etiology and management of Jaundice
Write a note on drug Induced Liver <u>D</u> isease
Topic Title : Hematological system
Define and classify Anaemia
Explain the etiology, clinical features and management of Megaloblastic anemia.
Explain etiology, pathogenesis, clinical features and management of Deep Vein Thrombosis
Explain Drug Induced Blood Disorders
Topic Title : Nervous System
Explain the types ,etiology and management of Epilepsy
Write the Etiology, clinical features, diagnosis and management of Parkinsonism
Write the etiology and management of Ischemic stroke.
Explain the Clinical features and management of Alzheimer's Disease.
Topic Title : Psychiatry Disorders
Explain the Etiology, pathogenesis and management of Schizophrenia
Briefly explain the Etiology, clinical features, diagnosis and management of Parkinsonism
Write the Etiology, pathogenesis and management of Anxiety Disorders
Write the Clinical features and management of different types of Sleep Disorders
Topic Title : Pain
Briefly explain the pain pathways and management of pain
Explain the types of neuralgia and its management
What are different types of head ache and their management.
Topic Title : EBM
What is EBM. Explain the advantages and disadvantages of EBM
What are the methods involved in the EBM and explain the methods of data collection.