

St.James College of Pharmaceutical Sciences St.James medical Academy River Bank, Chalakudy			
Programme:	M.Pharm	Sem.:	II SEM
Name of Course: (Subject)	Pharmacotherapeutics -II	Course Code:	MP
Teaching faculty of the course	Lincy George		

Summary of the Lecture Plan

Topic	Lectures	Hours
Nervous system:	Epilepsy,	2 hrs
	Parkinson's disease	1 Hrs
	Stroke	3 Hrs
	Headache	1 Hrs
	Alzheimer's disease	1 Hrs
	Neuralgias	1 Hrs
	Pain pathways and Pain management	3 Hrs
Psychiatric disorders:	Schizophrenia	1 Hrs
	Depression	1 Hrs
	Anxiety disorders	1 Hrs
	Sleep disorders	1 Hrs
	Drug induced psychiatric disorders	2 Hrs
Renal system:	Acute renal failure	1 Hrs
	Chronic renal failure	2 Hrs
	Renal dialysis	2 Hrs
	Drug Induced renal disease	1 Hrs
Infectious disease	General guidelines for the rational use of antibiotics and surgical prophylaxis	2 Hrs
	Urinary tract infections	1Hrs
	Respiratory tract infections	1 Hr
	Gastroenteritis	1 Hr
	Tuberculosis	3 Hr
	Malaria	2 Hr
	Bacterial endocarditis	1 Hr
	Septicemia	1 Hr
	Meningitis	2 Hrs
	HIV and opportunistic infections	2 Hrs
	Rheumatic fever	1 Hr
	Dengue fever	1 Hr
H1N1	1 Hr	

	Helmenthiasis	1 Hr
	Fungal infections	1 Hr
Gynecological disorders:	Dysmenorrhea,	1 Hr
	Hormone replacement therapy	2Hrs
Oncology :	General principles of cancer chemotherapy	3 Hr
	pharmacotherapy of breast cancer	2 Hr
	lung cancer	2 Hr
	hematological malignancies	3 Hr
	Management of nausea and vomiting, Palliative care	2 Hrs

Major issues or Core aspects to be addressed/ covered:

Topic Title : Nervous system:
Types, pathogenesis, clinical features and management of Epilepsy,
Aetiology, pathogenesis and management of Parkinson's disease
Type, pathogenesis, clinical features and management of Stroke
Types and management of Headache
Etiology, pathogenesis and management of Alzheimer's disease
Different types and management of Neuralgias
Different Pain pathways and Pain management methods
Topic Title: Psychiatric disorders
Clinical features, diagnosis and management of Schizophrenia
Aetiology, clinical features and management of Depression
Clinical features and management of Anxiety disorders
Types and management of Sleep disorders
Different Drug induced psychiatric disorders and management
Topic Title: Renal system
Aetiology, clinical features and management of Acute renal failure
Aetiology, clinical features and management Chronic renal failure
Methods , conditions and precautions of Renal dialysis
Drug Induced renal disease and management
Topic Title: Infectious diseases
General guidelines for the rational use of antibiotics and surgical prophylaxis
Aetiology , pathogenesis and management of Urinary tract infections
Aetiology, pathogenesis and management of Respiratory tract infections
Aetiology, pathogenesis and management of Gastroenteritis
Aetiology, pathogenesis , mode of transmission and management of Tuberculosis
Aetiology, pathogenesis , mode of transmission and management of Malaria
Aetiology, pathogenesis , mode of transmission and management of Bacterial endocarditis
Aetiology , pathogenesis , and management of Septicemia

Aetiology ,pathogenesis and management of Meningitis
Aetiology ,pathogenesis and management of HIV and oppportunistic infections
Aetiology ,pathogenesis and management Rheumatic fever
Aetiology ,pathogenesis and management Dengue fever
Aetiology ,pathogenesis and management H1N1
Aetiology ,pathogenesis and management Helmenthiasis
Aetiology ,pathogenesis and management Fungal infections
Topic Title: Gynaecological Disorders
Etiology, Pathogenesis, Clinical Features and management Dysmenorrhea,
Different Hormone replacement therapy
Topic Title : Oncology
General principles of cancer chemotherapy
Pharmacotherapy of breast cancer
Aetiology and management of Lung cancer
Hematological malignancies and its management
Management of nausea and vomiting, Palliative care

Sample Questions

Topic Title : Nervous system
Explain the Types, pathogenesis,clinical features and management of Epilepsy,
Write about Aetiology,pathogenesis and management of Parkinson's disease
Briefly write about Type,pathogenesis,clinicalfeatures and management of Stroke
What are different Types and of Headache and explain its management
Write the Etiology,pathogenesis and management of Alzheimer's disease
Write a note on Different types of Neuralgias withn their management
Explain Different Pain pathways and Pain management methods
Topic Title : Psychiatric Disorders
Explain the Clinical features,diagnosis and management of Schizophrenia
Write the Aetiology,clinical features and management of Depression
Explain the Clinical features and management of Anxiety disorders
Write the Types and management of Sleep disorders
Explain Different Drug induced psychiatric disorders and management
Topic Title : Renal system
Write Aetiology,clinical features and management of Acute renal failure
Explain Aetiology,clinical features and management Chronic renal failure
Write a note on Renal dialysis
Write about Drug Induced renal disease and management
Topic Title : Infectious diseases

Explain the General guidelines for the rational use of antibiotics
Write the Aetiology ,pathogenesis and management of Urinary tract infections
Explain Aetiology, pathogenesis and management of Respiratory tract infections
Write Aetiology, pathogenesis and management of Gastroenteritis
Explain Aetiology, pathogenesis ,mode of transmission and management of Tuberculosis
Write a note on antimalarial drug.
Write Aetiology, pathogenesis ,mode of transmission and management of Bacterial endocarditis
Explain the management of Septicemia
Write the Aetiology ,pathogenesis and management of Meningitis
Write Aetiology ,pathogenesis and management of HIV and opportunistic infections
Explain the Aetiology ,pathogenesis and management Rheumatic fever
Explain the management Dengue fever
Write a note on H1N1
Write the Aetiology ,pathogenesis and management Helmenthiasis
Explain the Aetiology ,pathogenesis and management Fungal infections
Topic Title : Gynaecological diseases
Explain Etiology, Pathogenesis, Clinical Features and management Dysmenorrhoea,
Write a note on Hormone replacement therapy
Topic Title : Oncology
Write the General principles of cancer chemotherapy
Explain the Pharmacotherapy of breast cancer
Briefly explain the Aetiology and management of Lung cancer
Write Hematological malignancies and its management