



JINNAH SINDH MEDICAL UNIVERSITY

General Medicine Curriculum

Ref# CURRICULUM MEETING/JSMU/2016-17/ 01

Dated: 22-06-17

COURSE TOPIC: INTRODUCTION TO GENERAL MEDICINE & PRINCIPLES OF HISTORY, INVESTIGATIONS AND DIAGNOSIS

S. No	Lecture Topic	Topic Objectives
1	Introduction to general medicine	What is general medicine Goals of studying general medicine Doctor & patient relation Ethics

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2	Clinical teachings: History, examination, investigations and diagnosis	History taking in general General physical examination: <ul style="list-style-type: none">• Pallor• Cyanosis• Jaundice• Clubbing• Thyroid• Lymph nodes• Dehydration• Edema• Pulse, B.P Temp, R/R (Interpretation of various signs and their clinical correlation.)
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COURSE TOPIC: GI / LIVER DISEASES

Total Topics: 10

S. No	Lecture Topic	Topic Objectives
1	1. GERD 2. Gastritis / Peptic Ulcer 3. Gastroenteritis 4. Mal Absorption 5. IBS / IBD 6. Hepatitis (Acute / Chronic) 7. CLD & Hepatocellular Ca.	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications
		(2,3: definition and causes)
2	Clinical teachings: History of GIT Liver Disease	Presenting problems in GI Liver disease(vomiting, Diarrhea, pain abdomen, constipation, distention, dyspepsia etc)

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Examination of GIT	Inspection, Palpation, Percussion, Auscultation (correct methodology)
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COURSE TOPIC: CARDIOVASCULAR SYSTEM

Total Topics: 6

S. No	Lecture Topic	Topic Objectives
	<ol style="list-style-type: none">1. Ischemic Heart Disease (Angina / MI)2. CHF3. Rheumatic Fever / Infective Endocarditis4. Hypertension5. Valvular Heart Diseases (MS / MR / AS / AR)6. Congenital Heart Diseases (VSD / TOF)	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications (IHD/CHF: definition and clinical presentation)
	<p>Clinical Teachings</p> <p>History taking in CVS</p> <p>Examinations</p>	<p>Presenting problems in CVS disease (chest pain, dyspnea, syncope etc)</p> <p>GPE in CVS:</p> <ul style="list-style-type: none">• Clubbing• Cyanosis• Pulse, BP & JVP <p>Inspection, palpation, percussion, auscultation:</p> <ul style="list-style-type: none">• Pericardium <p>Pulmonary areas (correct methodology)</p>

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COURSE TOPIC: RESPIRATORY SYSTEM

Total Topics: 7

S. No	Lecture Topic	Topic Objectives
1	Diseases of Respiratory System <ol style="list-style-type: none">1. TB2. COPD3. Pneumonia4. Asthma5. Bronchogenic Ca6. Bronchiectasis7. Pneumothorax / Pleural effusion	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications (1.asthma: general outline 2.Pneumothorax/ pleural effusion: x-ray interpretation, causes)
2	Clinical Teaching History Examination	Presenting problems in respiratory disease(cough, chest pain, wheezing, haemoptysisetc) Inspection, Palpation, Percussion & Auscultation: <ul style="list-style-type: none">• Front of chest Back of chest (correct methodology)

COURSE TOPIC: NERVOUS SYSTEM

Total Topics: 6

S. No	Lecture Topic	Topic Objectives
1	Neurological disease <ol style="list-style-type: none">1. Facial Pain / Palsy2. Headache3. Stroke	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis

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11. Electrolytes Imbalances

COURSE TOPIC: ENDOCRINE SYSTEM & NUTRITIONALS FACTORS

Total Topics: 6

S. No	Lecture Topic	Topic Objectives
1	Diseases of endocrine 1. Pituitary Diseases 2. Thyroid Disorders 3. Para thyroid Disorders 4. Adrenal Disorders 5. Diabetes Mellitus 6. Vitamin Deficiencies (Vit. B, C, D & etc)	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications

COURSE TOPIC: INFECTIOUS DISEASES

Total Topics: 9

S. No	Lecture Topic	Topic Objectives
1	Infectious diseases 1. Tetanus 2. Malaria 3. Viral Fevers (Dengue, Chikungynea etc) 4. HIV / Mumps 5. Sepsis 6. Diphtheria 7. Hospital Acquired Infections(hepatitis, pneumonia, candidiasis)	<ul style="list-style-type: none">• Sources& causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications

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COURSE TOPIC: BLOOD

Total Topics: 6

S. No	Lecture Topic	Topic Objectives
1	Disease of blood 1. Anemia's 2. Leukemia 3. Lymphoma 4. Thrombocytopenia 5. Bleeding disorders / Anti coagulants 6. Blood products & transfusions 7. Shock (anaphylactic, cardiogenic, hypovolumic)	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications• Blood products and transfusion• Anticoagulant and antithrombotic therapy• Haematopoietic stem cell transplant

COURSE TOPIC: RHEUMATOLOGY AND BONE DISEASE

Total Topics: 4

S. No	Lecture Topic	Topic Objectives
1	Diseases of Joints & Bones 1. SLE 2. RA 3. Sero negative Arthropathies 4. Osteoporosis / Osteomalacia 5. Sjogren's syndrome	<ul style="list-style-type: none">• Etiology & causes• Clinical features• Types• Differential diagnosis• Investigation & diagnosis• Management• Complications

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