

Pondicherry Institute of Medical Sciences
(A Unit of The Madras Medical Mission)

Office of the Vice Principal UG

Department of Pathology MBBS (2024 Batch) Schedule - November 2025

Competency No	Date	Timings	Competency	Teaching Learning Methods	Hours taken	Faculty 1	Faculty 2	Faculty 3	Faculty 4
PA1.1,1.2,1.3	12.11.25	8-9 am	Introduction to Pathology – History & Evolution, Role of a Pathologist, Common definitions and terms used & Cell proliferation and cell cycle and concept of regenerative medicine along with role of stem cells.	Lecture	1	Dr. Moses			
PA1.1,1.2,1.3	12.11.25	2-4 pm	Introduction to Pathology-Lab visit	SGD DOAP	2	Dr. Kiran	Dr. Prabhavati	Dr. Gayathri	Dr. Bharathi
PA2.6	14.11.25	9-10 am	Overview of Cellular Responses to Stress and Noxious Stimuli & Adaptations of cellular growth and differentiation including dysplasia	Lecture	1	Dr. Kiran			
PA2.1, PA2.2	17.11.25	3-4 pm	Cell Injury- Causes, mechanisms and clinico-pathological correlation of cell injury and death. Distinguish between reversible-irreversible injury	Lecture	1	Dr. Kiran			
PA2.6,PA2.8	18.11.25	2-4 pm	Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens. Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia Gross-Hypertrophy heart, pregnant uterus & atrophic uterus	SGD DOAP	2	Dr. Moses	Dr. Kevin	Dr. Kumuthini	Dr. Soundarya
PA2.4,PA2.5	19.11.25	8-9 am	Describe and explain Cell death- types, mechanisms, necrosis, Gangrene & autolysis	Lecture	1	Dr. Kumuthini			
PA2.6,PA2.8	19.11.25	2-4 pm	Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens. Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia Gross-Hypertrophy heart, pregnant uterus & atrophic uterus	SGD DOAP		Dr. Kiran	Dr. Prabhavati	Dr. Gayathri	Dr. Bharathi
PA2.4,PA2.7	21.11.25	9-10 am	Describe and explain Cell death- types, mechanisms, apoptosis(basic as contrasted with necrosis), Cellular aging	Lecture	1	Dr. Kevin			
PA11.3	22.11.25	10.15 am - 11.15 pm	Describe the pathogenesis of common storage disorders in infancy and childhood-Mendelian Disorders (Marfan's, Ehler- Danlos, Lysosomal Storage Disorders, Glycogen storage disorders)	Lecture	1	Dr. Bharathi			
PA11.1	22.11.25	11.15 am - 1.15 pm	Mutations and Cytogenetic Disorders (Down's, Turner's, Klinefelter) and diagnosis of genetic disorders (Integrated teaching with Anatomy-Genetics & Pathology)	Lecture	1	Dr. Kiran Dr. Soundarya devi			
	24.11.25	8-10 am	Internal Assessment - Cell Injury except intracellular accumulation and genetics	Formative assessment	2	All faculty			
PA2.3, 2.5	24.11.25	3-4 pm	Intracellular accumulations of fats, proteins, carbohydrates and pigments. Pathological calcification	Lecture	1	Dr. Oshan			

PA2.4, PA2.8	25.11.25	2-4 pm	Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens Describe and discuss Cell death- types, mechanisms, necrosis and apoptosis Gross-Myocardial infarct, splenic infarct, Gangrene intestine, Fat necrosis (pancreas), brain abscess, Caseous necrosis lymphnode Slides- Myocardial infarct, Caseous necrosis lymphnode Demonstration-Apoptosis	SGD DOAP	2	Dr. Moses	Dr. Kevin	Dr. Kumuthini	Dr. Soundarya
PA 3.1	26.11.25	8-9 am	Gross-Myocardial infarct, splenic infarct, Gangrene intestine, Fat necrosis (pancreas), brain abscess, Caseous necrosis lymphnode Slides- Myocardial infarct, Caseous necrosis lymphnode Demonstration-Apoptosis	Lecture	1	Dr. Prabhavati			
PA2.4, PA2.8	26.11.25	2-4 pm	Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens Describe and discuss Cell death- types, mechanisms, necrosis and apoptosis Gross-Myocardial infarct, splenic infarct, Gangrene intestine, Fat necrosis (pancreas), brain abscess, Caseous necrosis lymphnode Slides- Myocardial infarct, Caseous necrosis lymphnode Demonstration-Apoptosis	SGD DOAP	2	Dr. Kiran	Dr. Prabhavati	Dr. Gayathri	Dr. Bharathi
PA 3.1	28.11.25	9-10 am	Acute inflammation - Cellular events, Killing and phagocytosis. Outcomes and morphological patterns of acute inflammation	Lecture	1	Dr. Prabhavati			



Dr. Moses Ambrose
Professor and Head
Department of Pathology


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PA 4.3, PA5.1	01.12.25	3-4 pm	Acute inflammation – Chemical mediators. Systemic effects of inflammation Intracellular accumulation of fats, proteins, carbohydrates, pigments. Describe and discuss pathologic calcifications (Gross-Anthracosis lung, Fatty liver ; Slide-Fatty liver, Dystrophic calcification, Anthracotic pigment & Hemosiderin pigment)	Lecture	1	Dr. Bharathi			
PA 2.3, PA 2.5	02.12.25	2-4 pm	Chronic inflammation – Chronic inflammatory cells, causes, types – non specific and granulomatous inflammation	SGD DOAP	2	Dr. Moses	Dr. Kevin	Dr. Kumuthini	Dr. Soundarya
PA4.3	03.12.25	8-8 am	Intracellular accumulation of fats, proteins, carbohydrates, pigments, Describe and discuss pathologic calcifications (Gross-Anthracosis lung, Fatty liver ; Slide-Fatty liver, Dystrophic calcification, Anthracotic pigment & Hemosiderin pigment)	Lecture	1	Dr. Moses			
PA 2.3, PA 2.5	03.1.25	2-4 pm	Cell regeneration & repair by fibrosis. Wound healing and fracture healing (Vertical integration with Surgery)	SGD DOAP	2	Dr. Kiran	Dr. Prabhavati	Dr. Gayathri	Dr. Bharathi
PA5.1	05.12.25	9-10 am	Edema - Definition, types, pathogenesis and clinical correlations. Hyperemia & congestion	Lecture	1	Dr. Kumuthini			
PA6.3	08.12.25	3-4 pm	Identify and describe acute inflammation in gross and microscopic specimens (Gross-Acute appendicitis, Fibrous pericarditis and Brain abscess. Slides-Acute appendicitis, Nasal polyp – Eosinophils and Assignment)	Lecture	1	Dr. Fareeda			
PA 4.4 PA 6.4, PA 6.6	09.12.25	2-4 pm	Normal haemostasis and aetopathogenesis and consequences of thrombosis.	SGD DOAP	2	Dr. Moses	Dr. Kevin	Dr. Kumuthini	Dr. Soundarya
	10.12.25	8-9 am	Identify and describe acute inflammation in gross and microscopic specimens (Gross-Acute appendicitis, Fibrous pericarditis and Brain abscess. Slides-Acute appendicitis, Nasal polyp – Eosinophils and Assignment)	Lecture	1	Dr. Gayathri			
PA 4.4 PA 6.5, PA 6.6	10.12.25	2-4 pm	Define and describe embolism, infarction and its causes and common types, etiology, morphological changes and clinical effects	SGD DOAP	2	Dr. Kiran	Dr. Prabhavati	Dr. Gayathri	Dr. Bharathi
	12.12.25	9-10 am		Lecture	1	Dr. Gayathri			
PA 6.3	15.12.25	3-4 pm	Define and describe shock, its pathogenesis and its stages (Vertical and horizontal integration with General medicine, General surgery, Microbiology)	Lecture	1	Dr. Kevin			

PA 4.4	16.12.25	2-4 pm	Identify and describe chronic inflammation in gross and microscopic specimens (Gross-Chronic cholecystitis, TB lymphadenitis, Slides-Chronic cholecystitis, TB lymphadenitis, Foreign body granuloma, Granulation tissue)	SGD DOAP	2	Dr. Moses	Dr. Kevin	Dr. Kumuthini	Dr. Soundarya
PA 11.2	17.12.25	8-9 am	Cystic fibrosis, Hyaline membrane disease, Fetal hydrops	Lecture	1	Dr. Soundarya			
PA 4.4	17.12.25	2-4 pm	Identify and describe chronic inflammation in gross and microscopic specimens (Gross-Chronic cholecystitis, TB lymphadenitis, Slides-Chronic cholecystitis, TB lymphadenitis, Foreign body granuloma, Granulation tissue)	SGD DOAP	2	Dr. Kiran	Dr. Prabhavati	Dr. Gayathri	Dr. Bharathi
PA 3.1, PA 3.2	19.12.25	9-10 am	Amyloidosis	Lecture	1	Dr. Oshin			
22.12.25 to 31.12.25									
WINTER VACATION									


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