

BATCH28-PATHOLOGYDEPARTMENTSMMIMERSURAT

DATE	Time12pm-1pm	Time2pm-3pm	Time3pm-5pm
	Competency&Teacher	Competency&Teacher	Competency&Teacher
9/10/2025	<p>PA:1.1(Dr.AshwiniShukla)</p> <p>Introductionoffaculties& Term used in pathology</p>	<p>Introductionof department of pathology</p>	<p>PA:3.1and3.2:(Dr.Smita)</p> <p>PA3.1: General features of acute and chronicinflammationincludingstimuli, vascular and cellular events</p> <p>PA3.2:Enumerateanddescribethe mediators of acute inflammation</p>
10/10/2025		<p>PA:2.1: (Dr.Smita)</p> <p>PA 2.1:Describe the causes, mechanism, typesandeffectsofcell injury and their clinical significance</p>	<p>PA3.2and3.3:(Dr.Smita)</p> <p>PA3.2:Enumerateanddescribethe mediators of acute inflammation</p> <p>PA:3.3:Defineanddescribethe chronic inflammationincludingcauses,types nonspecific and granulomatous and enumerateexampleofeach</p>

DATE	Time12pm-1pm	Time2pm-3pm	Time3pm-5pm
	Competency & Teacher	Competency & Teacher	Competency & Teacher
16/10/2025	PA : 1.3 (Dr. Arunima Banerji) Describe proliferation and cell cycle and concept of regenerative medicine along with role of stem cell.	PA : 3.3 (Dr. Smita Jhaveri) Define and describe chronic inflammation including causes, types nonspecific and granulomatous and enumerate example of each.	Time: 3pm to 4pm PA: 2.2 and 2.4: (Dr. Hardik Gandhi) PA 2.2 : Describe the etiology of cell injury and distinguish between reversible-irreversible injury: Mechanism, Morphology of cell injury PA 2.4: Describe and explain cell death, types, mechanisms, necrosis, apoptosis, (basic as contrast with necrosis) Autolysis. Time: 4pm to 5pm PA: 4.1 (Dr. Smita Jhaveri): Define and describe the process of repair and regeneration including wound healing and its types.
Date	Time 2PM to 3PM		Time 3pm to 5pm
	Competency and teacher		Competency and teacher
17/10/2025	PA 2.7 (Dr. Hardik Gandhi): Describe the mechanisms of cellular aging and apoptosis		PA 10.4 (Dr. Neha Pandya): Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases

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	Competency&Teacher	Competency&Teacher
30/10/2025	PA:2.3(Dr.HardikGandhi): Describe morphologicalchangesinintracellular accumulation of fats, proteins, carbohydrates and pigments.	PA 3.4 DOAP(Dr. SmitaJhaveri): Identify and describe acute & chronic inflammationingrossandmicroscopic specimens

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6/11/2025	<p>PA : 34.1 (Dr. Shilpa Patel) Describe the etiology, types and pathogenesis, differentiating factors, CSF findings in meningitis</p> <p>34.3: Identify the etiology of meningitis based on given CSF parameters</p>	<p>PA:22.3(Dr.ShilpaPatel) Describe and interpret the abnormalities in a panel containing, thyroid function tests.</p>	<p>PA:2.5 and2.6:(Dr.Hardik Gandhi) PA2.5: Describe types and pathology of calcifications and gangrene PA2.6: Describe cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia and carcinoma in situ .</p>
7/11/2025	--	<p>PA :22.1 (Dr.Shilpa Patel): Describe abnormal urinary findings in disease states and identify and describe common urinary abnormalities in a clinical specimen.</p>	

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	Competency&Teacher	Competency&Teacher	Competency&Teacher	
13/11/2025	PA : 10.1 (Dr. Neha Pandya) Define and describe the pathogenesis and pathology of malaria	PA: 12.3 (Dr.SuchiGodhani) Describe the pathogenesis of obesity and its consequences with special emphasis on metabolic syndrome.	PA:22.2(Dr.ShilpaPatel): Describe abnormal findings in body fluids in various disease states	
14/11/2025	--	PA:2.8(Dr.HardikGandhi) Identify and describe various forms of cell injuries with their manifestations and consequences in gross and microscopic specimens	PA:12.1 (Dr.IlaThakrar) Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco, alcohol and noise	

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	Competency & Teacher	Competency & Teacher	Competency & Teacher	Competency & Teacher
20/11/2025	PA : 6.1 (a) (Dr. Arunima Banerji) Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, Biological, behavior and spread. Differentiate between benign from malignant neoplasms.	PA : 5.1 (Dr. Smita Jhaveri) Define and describe edema, its types, pathogenesis and clinical correlations.	Time: 3pm to 4 pm PA:5.2:(Dr.Smita Jhaveri) Define and describe hyperemia, congestion, hemorrhage.	PA : 8.1 (Dr. Ashwini Shukla) : Describe the principles and mechanisms involved in immunity.
21/11/2025	–	PA:6.1(b)(Dr.Arunima Banerji): Differentiate between benign from malignant neoplasms.	PA6.7DOAP(Dr.Arunima Banerji): Identify and describe the gross and microscopic features of Benign and malignant neoplasm in a pathologic specimen.	PA:5.4:(Dr.Smita Jhaveri) Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis

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	Competency & Teacher	Competency & Teacher	Competency & Teacher	Competency & Teacher
27/11/2025	PA:6.2(a) (Dr.ArunimaBanerji): Describethemolecularbasisofcancer.	PA:6.2(b)(Dr.ArunimaBanerji): IntroductionofOncogene.	PA:8.2(a)(Dr.Ashwini Shukla) : Describethemechanismof hypersensitivity reaction.	PA:8.2(b)(Dr.Ashwini Shukla) : Describethemechanismof hypersensitivity reaction.
28/11/2025	–	PA:6.2(c)(Dr.ArunimaBanerji): Cancersuppressorgeneswith examples of breast and colon cancer.	PA:5.5:(Dr.SmitaJhaveri): Defineanddescribeembolism its types, etiology, morphologic changes and clinical effects .	PA:6.2(d)(Dr.ArunimaBanerji): Molecularbasisofmetastasis and modes of spread.

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	Competency&Teacher	Competency&Teacher	Competency&Teacher	Competency&Teacher
04/12/2025	PA:6.3(a)(Dr.ArunimaBanerji) Describe and classify the carcinogens and describe the process of chemical carcinogens.	PA:6.3(b)(Dr.ArunimaBanerji) Describe and classify the carcinogensanddescribethe process of Physical and viral oncogenesis.	PA:8.3(Dr.Ashwini Shukla) : DescribetheHLAsystemand the immune principles involved in transplant and mechanism of transplant rejection.	PA : 5.5 :(Dr. SmitaJhaveri): Define and describe Ischemia/infarction, its types, etiology,morphologicchangesand clinical effects.
05/12/2025	–	PA7.1(Dr.RachnaPatel): Fixation, processing of tissue and staining in histopathology.	PA:5.6:DOAP (Dr.SmitaJhaveri): Identifyanddescribethegrossandmicroscopicfeaturesofinfarction in a pathologic specimen	

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	Competency & Teacher	Competency & Teacher	Competency & Teacher	Competency & Teacher
11/12/2025	<p>PA:6.5(DrArunimaBanerjee): Describe laboratory diagnosis of cancer including molecular profiles of tumors, tumors markers and future of cancer diagnostics</p>	<p>PA:6.4(DrArunimaBanerjee): Describe the effects of tumor on the host including paraneoplastic syndrome. PA : 6.6 (DrArunima Banerjee): Describe immunology and the immune response to cancer with its clinical significance – Immunotherapy</p>	<p>PA:8.4(Dr.AshwiniShukla): Define autoimmunity. Enumerate autoimmune disorders and describe the pathogenesis of common autoimmune diseases</p> <p>PA:8.5(Dr.AshwiniShukla): Define and describe the pathogenesis of Systemic Lupus Erythematosus</p>	
12/12/2025	-	<p>PA:8.6(Dr.AshwiniShukla): Define and describe the pathogenesis and pathology of HIV and AIDS</p>	<p>PA:9.1(Dr.Ashwini Shukla) : Describe the pathogenesis and pathology of amyloidosis. PA: 9.2: Identify and describe various forms of amyloidosis with their manifestations and consequences in gross and microscopic specimens.</p>	<p>PA: 5.3 (Dr. Smita Jhaveri): Define and describe shock, its pathogenesis and its stage</p>

DATE	Time:8AM-9AM	Time5pm-6pm
	Competency&Teacher	Competency&Teacher
18/12/2025	<p>PA:2.3(Dr.Rachna Patel) Describemorphologicalchangesinintracellularaccumulationof fats, proteins, carbohydrates, pigments</p> <p>PA:2.4 DescribeandexplainCelldeath- types,mechanisms,necrosis, apoptosis (basic as contrasted with necrosis), autolysis</p> <p>PA:2.6 Describecellularadaptations:atrophy,hypertrophy,hyperplasia, metaplasia, dysplasia and carcinoma in situ</p>	<p>PA:3.1(Dr.RiddhiJivrajani) Defineanddescribethegeneralfeaturesofacuteandchronic inflammation including stimuli, vascular and cellular events.</p>
19/12/2025	<p>PA:3.2 (Dr.HetPatel) Enumerateanddescribethemediatorsofacuteinflammation</p> <p>PA: 3.3 Defineanddescribechronicinflammationincludingcauses,type s nonspecificandgranulomatousandenumerateexamplesofeach</p> <p>PA : 3.4 Identifyanddescribeacuteandchronicinflammationingrossand microscopic specimens</p>	<p>PA:4.1 (Dr.RiddhiJivrajani) Defineanddescribetheprocessofrepairandregeneration including wound healing and its type</p>

26/12/2025	Competency & Teacher
Time 8am-9am	<p>PA:5.1(DrBhumika): Defineanddescribeedema,istypesandpathogenesis.</p> <p>PA:5.3(DrRinkal): Defineanddescribeshock,istypesandclinicalfeatures.</p> <p>PA:5.5(Dr.Bhumika): Defineanddescribeischemia/infarctionanditstypes.</p>
Time 2pm- 4pm	<p>DOAP (DrParth): Urine Examination</p> <p>DOAP (Dr. Brijal): CSFExamination</p> <p>DOAP (Dr.Rachana): Tissueprocessing</p>
Time 4pm- 6pm	<p>PA:6.1(DrDharti): Defineandclassifyneoplasia.Differentiatebetweenbenignfrommalignantneoplasm.</p> <p>PA:6.4(DrShivangi): Describelaboratorydiagnosisofcancer.</p>

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		Competency	Competency
15/01/20 26	SDL:3 PA:31.8 Describe the etiology, pathogenesis, manifestation, Laboratory, morphologic feature, complication of Adrenal insufficiency.	PA: 31.9 Describe the etiology, pathogenesis, manifestation, laboratory, morphological features, complications of Cushing's syndrome	PA: 12.2 Describe the pathogenesis of disorder caused by protein-calorie malnutrition, tobacco, alcohol and noise.
Date	Time12pm-1pm	Time2pm-3pm	Time3pm-5pm
		Competency	Competency
16/01/20 26		PA: 31.6 Describe the etiology, genetics, pathogenesis, manifestation Laboratory and morphologic feature of hyperthyroidism.	.PA:31.6 Describe the etiology, genetics, pathogenesis, manifestation Laboratory and morphologic feature of hyperthyroidism.

Date	Time 12pm-1pm	Time2pm-5pm Competency
22/01/2026	Paper showing of 1 st internal exam	<p>PA:23.2,23.5&DOAPGIT-1(Dr.ParasPatel)</p> <p>-Describe the etiology, pathogenesis, pathology, microbiology, clinical and microscopic features of carcinoma esophagus.</p> <p>-Describe the etiology and pathogenesis and pathological features of tuberculosis of intestine and appendicitis.</p> <p>DOAP(GIT-1)- Oral cavity–SCC, Salivary gland, esophagus and stomach-carcinoma and peptic ulcer, Appendicitis slide / specimen.</p>

23/01/2026		Time2pm-3pm	Time3pm-5pm
		Competency	Competency
		<p>PA:18.1(Dr.NiketaRoy)</p> <p>Describe the etiology, pathogenesis, hematologic indices and peripheral blood picture of acquired hemolytic anemia and different hemolytic anemias.</p>	<p>PA:15.2,16.2 and16.3 SGD (Dr.Ami Jagirdar)</p> <p>Enumerate the differences and describe the etiology, laboratory features of megaloblastic anemia and distinguishing features of megaloblastic and non megaloblastic anemia.</p> <p>Describe the pathogenesis, features, hematological indices and peripheral blood picture of sickle cell anemia and thalassemia.</p> <p>Describe the pathogenesis, features, hematological indices and peripheral blood picture of acquired hemolytic anemia and different hemolytic anemia's.</p>

Date	Time12pm-1pm	Time2pm-5pm	
5/02/2026	PA18.2(Dr.NiketaRoy) Describe the etiology, genetics , pathogenesis classification, features, hematologic features of chronic leukemia.	DOAP-(Dr.AmiJagirdar) PA13.4 –Performcommonhaematologicaltests–Hb,RBCcount,WBCcountandDLC PA14.2 -IdentifyanddescribetheperipheralsmearinmicrocyticAnemia PA15.3 -IdentifyanddescribetheperipheralbloodpictureofMacrocyticAnemia	
6/02/2026		Time2pm-3pm	Time3pm to 5 pm
		PA20.3(Dr.NiketaRoy) Defineanddescribeitslaboratoryfindingsand diagnosis of multiple myeloma	PA27.1& 27.2(Dr. Sudha Jain) Describe normalhistologyofthDefine,classifyanddistinguishthedescribetheetiology,pathogen clinical andlaboratoryandurin renal failure

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19/02/2026	<p>PA27.6&27.7 (Dr.SudhaJain) Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of IgA nephropathy.</p>	<p>Unit Test – (Dr.Arunima Banerji&Dr. AshwiniShukla)</p>	<p>PA27.3&27.4(Dr.SudhaJain) 27.3 – Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complication of acute renal failure 27.4 – Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings, progression and complications of chronic renal failure.</p>

20/02/2026		<p>Formative Assessment- (Dr.Ami Jagirdar&Dr. ParasPatel)</p>	<p>PA27.5(Dr.SudhaJain) Define and classify glomerular diseases. Enumerate and describe the etiology, pathogenesis, mechanisms of glomerular injury, pathology, distinguishing features and clinical manifestations of glomerulonephritis.</p>
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Date	Time12pm-1pm	Time2pm-3pm	Time3pm-4pm	Time4pm-5pm
26/02/2026	<p>PA26.1(Dr.ToralJivani)Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of variouscausesand types of atherosclerosis.</p>	<p>Formative Assessment-(Dr. NiketaRoy)</p>	<p>PA17.1(Dr.Paras Patel) Describe the etiology, pathogenesis and findingsinAplastic anemia and enumerate the indications and describe the findings in bone marrowaspiration andbiopsy.</p>	<p>PA26.2(Dr.ToralJivani) Describetheetiology,dynamic,pathologytypes andcomplicationsofaneurysmsincluding aortic aneurysms.</p>
27/02/2026		<p>PA26.6(Dr.ToralJivani) Describe the epidemiology , risk factors, etiology, pathophysiology , pathology, presentations, gross and microscopic features, diagnostic tests and complications of ischemicheartdiseaseandinterpretabnormalitiesincardiacfunctiontestinginacute coronary syndromes.</p>		

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5/03/2026	<p>PA27.8(Dr.SudhaJain)</p> <p>Enumerateandclassify diseases affecting the tubular Interstitium.</p>	<p>PA27.9&PA27.10(Dr.SudhaJain)</p> <p>PA27.9-Defineanddescribe the etiology, pathogenesis ,pathology ,laboratory, urinary findings,progression and complications ofacuteTubular necrosis</p> <p>PA27.10 -Describe the etiology ,pathogenesis, pathology, laboratoryfindings, distinguishing features progressionandcomplications of acute and Chronic pyelonephritis and reflux nephropathy</p>	<p>PA27.11&PA27.12(Dr.SudhaJain)</p> <p>PA27.11 -Define classify and describe the etiology,pathogenesispathology ,laboratory,urinaryfindings,distinguishing features progressionandcomplications of vascular disease of the kidney</p> <p>PA27.12 - Define classify and describe the genetics, inheritance, etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features, progressionandcomplications of cystic disease of the kidney</p>	<p>PA26.5(Dr.ToralJivani)</p> <p>Describe the etiology, pathophysiology,pathology,grossand microscopic features, criteria and complications of rheumatic fever</p>
6/03/2026		<p>PA27.13&PA27.14(Dr.SudhaJain)</p> <p>Define classify and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features progression and complications of renal stone disease and obstructive uropathy</p> <p>Classifyanddescribetheetiology,genetics,pathogenesis,pathology,presentingfeatures,progressionand spread of renal tumors</p> <p>DOAPPA27.17(Dr.SudhaJain)-</p> <p>Identifyanddescribethefeaturesofkidneydiseasesandtumorsinagrossandmicroscopicspecimen</p>		

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12/03/2026	<p>PA26.7(Dr.ToralJivani)</p> <p>Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of Infective Endocarditis</p>	<p>SR</p> <p>ClinicalCases/Charts</p>	<p>PA26.3,26.4,26.8(Dr.ToralJivani)</p> <p>PA26.3-Describe the etiology, types, stages, pathophysiology, pathology, and complications of Heart failure.</p> <p>PA26.4-Describe the etiology, pathophysiology, pathology, gross and complications of Congenital heart disease.</p> <p>PA26.8- Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis, and complications of Pericarditis and Pericardial effusion.</p>	
13/03/2026		<p>PA22.5(Dr.ShilpaPatel)</p> <p>Describe and interpret the abnormalities in a panel containing, Renal function tests.</p>	<p>FORMATIVEASSESSMENT</p> <p>(Dr.SudhaJain,Dr.ToralJivani)</p>	<p>PA26.9,26.10(Dr.ToralJivani)</p> <p>PA26.9- Classify and describe the etiology, types, pathophysiology, pathology, gross and microscopic features, diagnosis, and complications of Cardiomyopathies.</p> <p>PA26.10- Describe etiology, , pathophysiology, pathology features and complications of tumors of cardiovascular system.</p>

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19/03/2026	HOLIDAY			
20/03/2026		PRACTICALS FORMATIVE ASSESSMENT	REVISIONFORSECONDINTERNALS EXAMINATION.	