

# Vydehi Institute Of Medical Sciences & Research Centre

#83, EPIP Area, Nallurahalli, Whitefield, Bangalore- 560076.

## Undergraduate (MBBS) Teaching Schedule for the Month of May 2024, Department of Pathology, 2<sup>nd</sup> year: MBBS

DATE	DAY	THEORY CLASS	2.00 - 4.00 PM (PRACTICALS)
1.05.24	WEDNESDAY	HOLIDAY	HOLIDAY
2.05.24	THURSDAY	<b>11:15-12:15pm: Dr Kavya (RS3)</b>  BLOOD DISEASE-2: Macrocytic and megaloblastic anemia, B12 and folate deficiency	<b>DOAP: Batch A: Dr. Shilpa, Dr. Kavya, Dr. Devasmita, Dr. Varsha, Dr. Catherine</b>  PA-18.2 - Describe etiology, genetics, pathogenesis, classification, features, hematologic features- acute & chronic leukemia
3.05.24	FRIDAY	<b>11:15-12:15pm: Dr Sunitha (CBME Batch A and B)</b>  PA-19.4 - Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma	<b>DOAP: Batch B: Dr. Shailaja, Dr. Divya, Dr. Vishwas, Dr. Sameena, Dr. Ishitha</b>  PA-19.3 - Identify and describe the features of tuberculous lymphadenitis in a gross and microscopic specimen PA-19.5 - Identify and describe the features of Hodgkin's lymphoma in a gross and microscopic specimen.
4.05.24	SATURDAY	---	<b>MBBS- RS3 batch, Dr Pruthvi</b>  General pathology slides discussion + Specimens + Spotters
5.05.24	SUNDAY	HOLIDAY	HOLIDAY
6.05.24	MONDAY	<b>12:15-01:15 pm: Dr.Varsha (CBME Batch A and B)</b>  PA-21.1 - Describe normal haemostasis and haemophilia	<b>SGD: Batch B: Dr. Shilpa, Dr. Sunitha, Dr. Sandhya, Dr. Athulya</b>  PA-19.2 - Describe the pathogenesis and pathology of tuberculous lymphadenitis
7.05.24	TUESDAY	<b>11:15-12:15pm: Dr. Sandhya (RS3)</b>  Renal calculi (UA-5): Types, pathogenesis, C/F. Hydronephrosis	---
8.05.24	WEDNESDAY	<b>11:15-12:15pm: Dr. Varsha (CBME Batch A and B)</b>  PA 21.2 - Classify and describe the etiology, pathogenesis and pathology of vascular and platelet disorders including ITP	<b>Batch A: Dr. Prathima, Dr. Sunitha Dr. Rohini, Dr. Sameena, Dr. Athulya</b>  SGD: PA-19.2 - Describe the pathogenesis and pathology of tuberculous lymphadenitis  DOAP: PA-19.3 - Identify and describe the features of tuberculous lymphadenitis in a gross and microscopic specimen PA-19.5 - Identify and describe the features of Hodgkin's lymphoma in a gross and microscopic specimen
9.05.24	THURSDAY	<b>11:15-12:15pm: Dr. Sandhya (RS3)</b>  Renal Lesions (UA-6): Congenital and miscellaneous renal disorders	<b>SGD: Batch A: Dr. Radha, Dr. Sunitha Dr. Varsha, Dr. Sukanya</b>

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			PA-19.1 - Enumerate the causes and describe the differentiating features of lymphadenopathy PA-19.6 - Enumerate & differentiate causes of splenomegaly. PA-19.7 - Identify & describe gross specimen-enlarged spleen
10.05.24	FRIDAY	<b>11:15-12:15pm: Dr Varsha (CBME Batch A and B)</b>  PA 21.4 - Define and describe disseminated intravascular coagulation, its laboratory findings and diagnosis of disseminated intravascular coagulation  PA 21.5 - Define & describe disseminated intravascular coagulation, its laboratory findings & diagnosis of Vitamin K deficiency.	<b>SGD: Batch B: Dr. Shailaja, Dr. Sunitha Dr. Sameena, Dr. Sukanya</b>  PA-19.1 - Enumerate the causes and describe the differentiating features of lymphadenopathy PA-19.6 - Enumerate & differentiate causes of splenomegaly. PA-19.7 - Identify & describe gross specimen-enlarged spleen
11.05.24	SATURDAY	---	<b>MBBS- RS3 batch, Dr Swati</b>  General pathology slides discussion + Specimens + Spotters
12.05.24	SUNDAY	<b>HOLIDAY</b>	<b>HOLIDAY</b>
13.05.24	MONDAY	<b>12:15-01:15 pm: Dr Gaurav (CBME Batch A and B)</b>  PA- 22.4 - Enumerate blood components and describe their clinical uses. PA- 22.5 - Enumerate and describe infections transmitted by blood transfusion.	<b>SGD: Batch B: Dr Sameena, Dr Srikanth</b>  PA-21.3 - Differentiate platelet from clotting disorders based on the clinical and hematologic features.
14.05.24	TUESDAY	<b>11:15-12:15pm: Dr Sandhya (RS3)</b>  Renal Tumors (UA-7): RCC, Nephroblastoma	---
15.05.24	WEDNESDAY	<b>11:15-12:15pm: Dr Gaurav (CBME Batch A and B)</b>  PA 22.6 - Describe transfusion reactions and enumerate the steps in the investigation of a transfusion reaction.  PA 22.7 - Enumerate the indications and describe the principles and procedure of autologous transfusion.	<b>SGD: Batch A: Dr Sameena, Dr Ayesha</b>  PA-21.3 - Differentiate platelet from clotting disorders based on the clinical and hematologic features.
16.05.24	THURSDAY	<b>11:15-12:15pm: Dr Sandhya (RS3)</b>  UA-8: Diseases and tumors of urinary bladder	<b>OSPE: Batch A: Dr. Shilpa, Dr. Vishwas Dr. Sandhya, Dr.. Ishitha</b>  PA-22.1 - Classify and describe blood group systems (ABO and RH) PA-22.2 - Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing. PA-16.7 - Describe the correct technique to perform a cross match -OSPE: Blood grouping-Forward grouping-Slide/Tube method

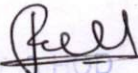
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17.05.24	FRIDAY	<p><b>11:15-12:15pm: Dr Sandhya (CBME Batch A and B)</b></p> <p>PA 11.1 - Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood</p>	<p><b>OSPE: Batch B: Dr. Shailaja, Dr. Rohini Dr. Sameena, Dr. Ishitha</b></p> <p>PA-22.1 - Classify and describe blood group systems (ABO and RH) PA-22.2 - Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing. PA-16.7 - Describe the correct technique to perform a cross match -OSPE: Blood grouping-Forward grouping-Slide/Tube method</p>
18.05.24	SATURDAY	---	<p><b>MBBS- RS3 batch, Dr Pruthvi</b></p> <p>General pathology slides discussion + Specimens + Spotters</p>
19.05.24	SUNDAY	<b>HOLIDAY</b>	<b>HOLIDAY</b>
20.05.24	MONDAY	<p><b>12:15-01:15 pm: Dr Sandhya (CBME Batch A and B)</b></p> <p>PA 11.2 - Describe the pathogenesis and pathology of tumour and tumour like conditions in infancy and childhood</p>	<p><b>SGD : Batch B: Dr Sunitha, Dr Sameena, Dr Afzal</b></p> <p>TOPIC: BASIC DIAGNOSTIC CYTOLOGY (PA-8) PA 8.1 - Describe the diagnostic role of cytology and its application in clinical care. 8.1.1. Describe the procedure of FNAC, its advantages and limitations.</p>
21.05.24	TUESDAY	<p><b>11:15-12:15pm: Dr Kavya (RS3)</b></p> <p>Blood diseases 3: Hemolytic anemia (definition, classification, thalassemia)</p>	---
22.05.24	WEDNESDAY	<p><b>11:15-12:15pm: Dr Sandhya (CBME)</b></p> <p>PA 11.3 - Describe the pathogenesis of common storage disorders in infancy and childhood</p>	<p><b>SGD : Batch A: Dr Sunitha, Dr Sameena, Dr Athulya</b></p> <p>TOPIC: BASIC DIAGNOSTIC CYTOLOGY (PA-8) PA 8.1 - Describe the diagnostic role of cytology and its application in clinical care. 8.1.1. Describe the procedure of FNAC, its advantages and limitations.</p>
23.05.24	THURSDAY	<p><b>11:15-12:15pm: Dr Kavya (RS3)</b></p> <p>Blood diseases 3: Hemolytic anemia (Sickle cell anemia, hereditary spherocytosis, AIHA)</p>	<p><b>SGD: Batch A: Dr Sunitha, Dr Sandhya, Dr Soumya</b></p> <p>PA 8.2 - Describe the basis of exfoliative cytology including the technique &amp; stains used PA 8.3 - Observe a diagnostic cytology and its staining and interpret the specimen 8.2.1. Describe the sites of exfoliative cytology (PAP smear, body fluids, sputum, urine) 8.2.2. Enumerate the steps and name different stains used in pap stain. 8.3.1. Observe and interpret the cytology reports</p> <p><b>Charts- (Cytology)</b></p>

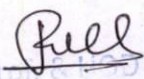
  
 Professor  
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			1.Malignant cells in Pap smear. 2.Bodyfluids-Pleural /Ascitic (exudate/transudate)
24.05.24	FRIDAY	<b>11:15-12:15pm: Dr Rohini (CBME)</b>  TOPIC: ENVIRONMENTAL AND NUTRITIONAL DISEASES (PA-12) PA 12.2 - Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation	<b>SGD: Batch B: Dr Sunitha, Dr Sandhya, Dr Soumya</b>  PA 8.2 - Describe the basis of exfoliative cytology including the technique & stains used PA 8.3 - Observe a diagnostic cytology and its staining and interpret the specimen 8.2.1. Describe the sites of exfoliative cytology (PAP smear, body fluids, sputum, urine) 8.2.2. Enumerate the steps and name different stains used in pap stain. 8.3.1. Observe and interpret the cytology reports  <b>Charts- (Cytology)</b> 1.Malignant cells in Pap smear. 2.Bodyfluids-Pleural /Ascitic (exudate/transudate)
25.05.24	SATURDAY	---	<b>MBBS- RS3 batch, Dr Pruthvi</b>  General pathology slides discussion + Specimens + Spotters
26.05.24	SUNDAY	<b>HOLIDAY</b>	<b>HOLIDAY</b>
27.05.24	MONDAY	<b>12:15-01:15 pm: Dr Rohini (CBME Batch A and B)</b>  TOPIC: ENVIRONMENTAL AND NUTRITIONAL DISEASES (PA-12) PA 12.3 - Describe the pathogenesis of obesity and its consequences 12.3.1. Define Obesity and describe the pathogenesis of Obesity with reference to the role of leptins, adipose tissue and gut hormones. 12.3.2. Discuss the clinical consequences of Obesity.	<b>SGD: Batch B: Dr Sameena, Dr Soumya</b>  TOPIC-INFECTIONS AND INFESTATIONS (PA-10) PA 10.2 - Define and describe pathogenesis and pathology of cysticercosis. 10.2.1. Enumerate cause of cysticercosis 10.2.2. Discuss etiopathology of cysticercosis PA 10.4 - Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases. 10.4.1. Describe general principle of microbial pathogenesis 10.4.2. Describe aetiology, pathogenesis & organ changes - Typhoid fever. 10.4.3. Describe-aetio, clinical features &organ changes- Bacillary dysentery. 10.4.4. Describe the clinical manifestations, mode of transmission, salient diagnostic methods of Measles, Herpes and Rabies
28.05.24	TUESDAY	<b>11:15-12:15pm: Dr Kavya (RS3)</b>  Blood diseases 4: Hemolytic disease (Sickle cell, Spherocytosis, AIHA)	---
29.05.24	WEDNESDAY	<b>11:15-12:15pm: Dr Rohini (CBME Batch A and B)-SDL</b>	<b>SGD: Batch B: Dr Sameena, Dr Afzal</b>

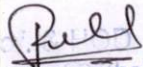
  
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		<p><b>TOPIC: ENVIRONMENTAL AND NUTRITIONAL DISEASES (PA-12)</b> PA 12.1 - Enumerate and describe the pathogenesis of disorders caused by tobacco and alcohol. 12.1.1. Enumerate the disorders caused by tobacco and alcohol 12.1.2. Describe the pathogenesis of disorders caused by tobacco and alcohol. 12.1.4. Describe the organ specific effects of tobacco smoke constituents. 12.1.5. Describe the acute and chronic adverse effects of alcohol abuse.</p> <p><b>12:15-01:15 pm: Dr Sameena (CBME Batch A and B)- Integrated teaching</b></p> <p><b>INTEGRATION CLASS (HORIZONTAL): LEPROSY-PATHOLOGY &amp; MICROBIOLOGY</b> PA 10.3 - Define and describe the pathogenesis and pathology of leprosy 10.3.1. Define and Classify Leprosy 10.3.2. Discuss the pathogenesis of leprosy 10.3.3. Differentiate morphology of tuberculoid and lepromatous leprosy</p>	<p><b>TOPIC-INFECTIOUS AND INFESTATIONS (PA-10)</b> PA 10.2 - Define and describe pathogenesis and pathology of cysticercosis. 10.2.1. Enumerate cause of cysticercosis 10.2.2. Discuss etiopathology of cysticercosis PA 10.4 - Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases. 10.4.1. Describe general principle of microbial pathogenesis 10.4.2. Describe aetiology, pathogenesis &amp; organ changes - Typhoid fever. 10.4.3. Describe-aetio, clinical features &amp;organ changes- Bacillary dysentery. 10.4.4. Describe the clinical manifestations, mode of transmission, salient diagnostic methods of Measles, Herpes and Rabies</p>
30.05.24	THURSDAY	<p><b>11:15-12:15pm: Dr Kavya (RS3)</b></p> <p>Blood diseases 5: Miscellaneous types of anemia, Aplastic anemia</p>	<p><b>SGD: Batch A: Dr Sameena, Dr Athulya</b></p> <p>10.4.5. Describe the aetiology, clinical manifestations and organ changes in Amoebic dysentery and amoebic abscess 10.4.6. Describe the aetiology, clinical features, organ changes and laboratory findings in Filariasis/ Hydatid cyst 10.4.7. Describe the aetiology, pathogenesis, organ changes, clinical manifestations and laboratory diagnosis of fungal lesions(Candida, Aspergillosis, Mucormycosis, Cryptococcosis) 10.4.8. Describe the causative agent, types, clinical manifestations and laboratory diagnosis of Syphilis.</p>
31.05.24	FRIDAY	<p><b>11:15-12:15pm Dr Rohini (CBME Batch A and B) - SDL</b></p> <p>PA 12.1 - Enumerate &amp; describe pathogenesis of disorders caused by air pollution 12.1.1. Enumerate the disorders caused by air pollution 12.1.2. Describe pathogenesis of disorders caused by air pollution.</p>	<p><b>SGD: Batch A: Dr Sameena, Dr Sukanya</b></p> <p>10.4.5. Describe the aetiology, clinical manifestations and organ changes in Amoebic dysentery and amoebic abscess 10.4.6. Describe the aetiology, clinical features, organ changes and laboratory findings in Filariasis/ Hydatid cyst 10.4.7. Describe the aetiology, pathogenesis, organ</p>

  
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	12.1.3. Enumerate the health effects of indoor and outdoor air pollution.	changes, clinical manifestations and laboratory diagnosis of fungal lesions(Candida, Aspergillosis, Mucormycosis, Cryptococcosis) 10.4.8. Describe the causative agent, types, clinical manifestations and laboratory diagnosis of Syphilis.
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*Peel* 3/6/24

Professor and HOD, Dept of Pathology

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