

**MGM MEDICAL COLLEGE, NAVI MUMBAI**  
**Department of Pathology**  
**II MBBS CBME (Batch 2021) Online Practical Schedule: 28<sup>th</sup> June to 31<sup>st</sup> July 2021**  
**Venue: Histopathology Lab, 2nd floor**  
**Physiology Lab, 1<sup>st</sup> floor**

Date	Day	Time	Competency No.	Competency The student should be able to	Topics	CONTENTS (Practical and Journal work)
28.6.21	Mon	2:30 – 3:30pm	PA17.2, PA21.3 & PA 19.7 (Batch A)	1) Enumerate the indications and describe the findings in bone marrow aspiration and biopsy. 2) Differentiate platelet from clotting disorders based on the clinical and hematologic features. 3) Identify and describe the gross specimen of an enlarged spleen	1) Development of blood cells & bone marrow examination. 2) Bleeding Disorders 3) Gross specimen of an enlarged spleen	1) Draw different cells of the myeloid, erythroid & lymphoid series. 2) Draw the bone marrow aspiration needle. 3) Discussion: Investigations in case of bleeding disorder. 4) Interpretation of charts of bleeding disorders. 5) Causes of splenomegaly
30.6.21	Wed	3:30 – 4:30pm	PA17.2, PA21.3 & PA 19.7 (Batch B)	1) Enumerate the indications and describe the findings in bone marrow aspiration and biopsy. 2) Differentiate platelet from clotting disorders based on the clinical and hematologic features. 3) Identify and describe the gross specimen of an enlarged spleen	1) Development of blood cells & bone marrow examination. 2) Bleeding Disorders 3) Gross specimen of an enlarged spleen	1) Draw different cells of the myeloid, erythroid & lymphoid series. 2) Draw the bone marrow aspiration needle. 3) Discussion: Investigations in case of bleeding disorder. 4) Interpretation of charts of bleeding disorders. 5) Causes of splenomegaly
5.7.21	Mon	2:30 – 3:30pm	PA 23.3 (Batch A)	Describe and interpret the abnormalities in a panel containing semen analysis, thyroid function tests, renal function tests or liver function tests	1) Demonstration of charts of RFT, LFT, TFT and semen. 2) Draw liver biopsy needle.	
7.7.21	Wed	3:30 – 4:30pm	PA 23.3 (Batch B)	Describe and interpret the abnormalities in a panel containing semen analysis, thyroid function tests, renal function tests or liver function tests	1) Demonstration of charts of RFT, LFT, TFT and semen. 2) Draw liver biopsy needle.	
12.7.21	Mon	2:30 – 3:30pm	PA24.3	Describe and identify the microscopic features of peptic ulcer	Tuberculous intestine Typhoid ulcers Amoebic colitis Acute appendicitis Adenocarcinoma : Colon	Tuberculous intestine Adenocarcinoma : Colon Acute appendicitis
14.7.21	Wed	3:30 – 4:30pm	PA24.3	Describe and identify the microscopic features of peptic ulcer	Tuberculous intestine Typhoid ulcers Amoebic colitis Acute appendicitis Adenocarcinoma : Colon	Tuberculous intestine Adenocarcinoma : Colon Acute appendicitis
19.7.21	Mon	2:30 – 3:30pm	PA 25.6	Interpret liver function and viral hepatitis serology panel. Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests	Fatty liver Amoebic liver abscess Liver Cirrhosis HCC Liver: Metastasis	Fatty Liver Liver Cirrhosis HCC
21.7.21	Wed	3:30 – 4:30pm	PA 25.6	Interpret liver function and viral hepatitis serology panel. Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests	Fatty liver Amoebic liver abscess Liver Cirrhosis HCC Liver: Metastasis	Fatty Liver Liver Cirrhosis HCC
26.7.21	Mon	2:30 – 3:30pm	PA26.1	Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia	Lobar Pneumonia Miliary TB, Fibrocaceous TB Bronchiectasis Bronchogenic Carcinoma	Lobar Pneumonia, Bronchopneumonia, Miliary TB Lung carcinoma, Bronchogenic Carcinoma
28.7.21	Wed	3:30 – 4:30pm	PA26.1	Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia	Lobar Pneumonia Miliary TB, Fibrocaceous TB Bronchiectasis Bronchogenic Carcinoma	Lobar Pneumonia, Bronchopneumonia, Miliary TB Lung carcinoma, Bronchogenic Carcinoma

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