

# GOVERNMENT MEDICAL COLLEGE , NAGPUR

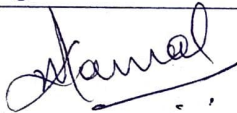
## Department of Pathology


### Teaching Time table 1<sup>st</sup> Term { General Pathology }

IInd M.B.B.S ( 2019 ABCD Batch ) w.e.f 01/02/2021

| Sr. No | Topic  | Date       | Name of the Faculty  |
|--------|--|------------|----------------------|
| 1      | <b>1. Introduction to Pathology:</b><br><b>LECTURE 1:</b> (1.1, 1.2): Role of a pathologist in diagnosis and management of disease, History and evolution of pathology, Common definitions and terms used in pathology: Aetiology, pathogenesis, gross pathology, microscopic pathology, diagnosis , screening, clinicopathologic correlation, complications, sequelae, prognosis; branches of pathology (anatomic pathology, cytology/cytopathology, clinical pathology, molecular pathology, hematology, blood banking/transfusion medicine); diagnostic methods in pathology (morphology, routine and special stains, immunohistochemistry, cytogenetics, molecular methods, flow cytometry); methods in anatomic pathology (Specimens: biopsy, resection, frozen section, autopsy; Steps in tissue processing, different types of microscopes); Recommended books in pathology | 08/02/2021 | Dr.Archana Deshpande |
| 2      | <b>2. Cell injury and adaptations:</b><br><b>LECTURE 2:</b> (2.1, 2.3, 2.6): Cell injury: Causes, mechanisms, types, effects, clinical significance; differences between reversible and irreversible injury; morphology of cell injury; cellular adaptations (atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia)  | 12/02/2021 | Dr .M. M Kamal       |
| 3      | <b>LECTURE 3:</b> (2.4, 2.5, 2.7) Cell death: Necrosis (Definition, Types, Mechanisms), Gangrene, Autolysis, Apoptosis, , Differences between necrosis and apoptosis   | 15/02/2021 | Dr.Anand Gharpure    |
| 4      | <b>Self-directed learning-1: Syndicate seminar: Mechanisms of cellular ageing and apoptosis</b>  | 18/02/2021 | Dr.Arati Dani        |
| 5      | <b>3. Amyloidosis:</b><br><b>LECTURE 4</b> (3.1, 2.3): Amyloidosis: Definition, classification, Pathogenesis, Pathology, Laboratory diagnosis, Clinical significance; pathologic calcifications; Intracellular accumulation of fats, proteins, carbohydrates, pigments   | 22/02/2021 | Dr.Jayshri Tijare    |
| 6      | <b>4. Inflammation:</b><br><b>LECTURE 5:</b> (4.1) Acute inflammation: Definition, Causes, vascular and cellular events, cardinal signs  | 26/02/2021 | Dr.Sandhya Poflee    |

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|    | of inflammation, morphologic types of acute inflammation, fate of acute inflammation<br><b>Vertical integration: General surgery</b>   |            |                     |
| 7  | <b>Lecture 6: ( 4.2 ) Chemical mediators of inflammation</b><br><b>Vertical integration : General Surgery</b>  | 01/02/2021 | Dr.Purnima Kodate   |
| 8  | <b>5. Healing and repair:</b><br><b>LECTURE 7 (5.1):</b> Definition of repair, Regeneration, Repair by connective tissue or scar formation with stages, Healing of skin wounds, Healing of fracture, Factors that impair wound healing, Abnormalities in wound healing<br><b>Vertical integration: General surgery</b> | 05/02/2021 | Dr.Dharitri Bhatkar |
| 9  | <b>6. Infections and infestations:</b><br><b>LECTURE 8: (4.3):: Chronic inflammation: Causes, types (nonspecific and granuomatous) with examples of each; Tuberculosis</b><br><b>Vertical integration: General medicine</b><br><b>Horizontal integration: Microbiology</b>   | 08/03/2021 | Dr.Rekha Patil      |
| 10 | <b>LECTURE 9 (10.3): Leprosy, Syphilis, malaria</b><br><b>Vertical integration: General medicine</b><br><b>Horizontal integration: Microbiology</b>  | 12/03/2021 | Dr.Milind Bhatkar   |

  
Teacher I / C ( IInd M.B.B.S )  
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Professor & Head  
Dept. of Pathology  
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- 1) Please note lectures will be taken online using google classroom.
- 2) The lecture allotted to a faculty will have to be uploaded on that very day before the lecture time ends ( reg. for 2 to 3 pm lecture .It will be uploaded before 2 pm)
- 3) Please submit at least 5 MCQ's of your topic to Dr.Purnima Kodate incorporated with self directed learning class.