

Department of General Medicine

VIMS & RC

Teaching schedule of Theory classes for Phase III Part II MBBS students RS4 batch

**JANUARY-2025**

**Days:** Wednesdays and Fridays

**Timings:** 12.15 PM to 1.15 PM (Theory)

| Date                      | Competency Number                                                                                  | Topic                                                           | SLO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Teaching Faculty |
|---------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 01/01/2025<br>(Wednesday) | Medicine<br>IM 10.21,<br>IM 10.22,<br>IM 10.27,<br>IM 10.28,<br>IM 10.29,<br>IM 10.30,<br>IM 10.31 | RENAL<br>REPLACEMENT<br>THERAPY<br>DIALYSIS,<br>TRANSPLANTATION | <p>Describe and discuss the indications for and insert a peripheral intravenous catheter</p> <p>Describe and discuss the indications, demonstrate in a model and assist in the insertion of a central venous or a dialysis catheter</p> <p>Describe and discuss the indications for renal dialysis</p> <p>Describe and discuss the indications for renal replacement therapy</p> <p>Describe discuss and communicate the ethical and legal issues involved in renal replacement therapy</p> <p>Recognise the impact of CKD on patient's quality of life well being work and family</p> <p>Incorporate patient preferences in to the care of CKD</p> | Dr Rama Mishra   |
| 03/01/2025<br>(Friday)    | Medicine<br>IM 21.4,                                                                               | PARACETAMOL AND<br>RODENTICIDE<br>POISONING                     | Enumerate the commonly observed drug overdose in your area and describe their toxicology, clinical features, prognosis and approach to therapy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Dr Tanuja        |



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| 08/01/2025<br>(Wednesday) | Medicine<br>IM 22.9,<br>IM 22.10,<br>IM 22.11,<br>IM 22.12,<br>IM 22.13 | ACID BASE<br>DISORDERS                                                                                                                                                                                     | <p>Enumerate the causes and describe the clinical and laboratory features of metabolic acidosis</p> <p>Enumerate the causes of describe the clinical and laboratory features of metabolic alkalosis</p> <p>Enumerate the causes and describe the clinical and laboratory features of respiratory acidosis</p> <p>Enumerate the causes and describe the clinical and laboratory features of respiratory alkalosis</p> <p>Identify the underlying acid based disorder based on an ABG report and clinical situation</p> | Dr Rama Mishra |
| 10/01/2025<br>(Friday)    | Medicine<br>IM 24.13                                                    | FALL IN<br>ELDERLY<br>COMMON<br>ILLNESS IN<br>OLD                                                                                                                                                          | Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of falls in the elderly                                                                                                                                                                                                                                                                                                                               | Dr Tanuja      |
| 15/01/2025<br>(Wednesday) | Medicine<br>IM 4.8<br>IM 4.16                                           | Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease | <ol style="list-style-type: none"> <li>1. Definition of FUO</li> <li>2. Causes of PUO, as relevant to India</li> <li>3. Investigation and Diagnosis of PUO</li> <li>4. Enumerate the indications and describe the findings in tests of inflammation and specific rheumatologic tests, serologic testing for pathogens including HIV, bone marrow aspiration and biopsy</li> </ol>                                                                                                                                     | Dr Rama Mishra |



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|                        |                                                                         |                                                                 | pathogenesis and precipitating factors, recognition and management of diabetic emergencies                                                                                                                                                                                                                |           |
| 31/01/2025<br>(Friday) | IM12.1<br>12.2,<br>12.3,<br>12.4,<br>12.12<br>12.13,<br>12.14,<br>12.15 | Etiopathogenesis, diagnosis and management of thyroid disorders | 1. Discuss the etiopathogenesis of hypothyroidism and hyperthyroidism<br>2. Describe and discuss the physiology of the hypothalamopituitary - thyroid axis, principles of thyroid function testing<br>3. Describe and discuss the principles of radio iodine uptake in the diagnosis of thyroid disorders | Dr Tanuja |

Copy to:  
Hon'ble Principal,  
Notice board,  
Dept File

*Dr. Tanuja*  
26/12/24  
SIGNATURE OF HOD  
HEAD OF DEPARTMENT  
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| 17/01/2025<br>(Friday)    | IM6.8,<br>6.9,<br>6.10,<br>6.11,<br>6.16,<br>6.12,<br>6.17,<br>6.18,<br>6.13 | Diagnosis<br>and<br>management<br>of HIV AIDS ,<br>and<br>opportunistic<br>infections      | 1.Enumerate the indications and describe the findings for CT , MRI, ABG, CXR<br>2. Describe and enumerate the indications and side effects of drugs for bacterial, viral and other types of diarrhoea<br>3. Discuss and describe the principles of HAART, the classes of antiretrovirals used, adverse reactions and interactions<br>4. Discuss and describe the principles and regimens used in post exposure prophylaxis<br>5. Enumerate the indications and discuss prophylactic drugs used to prevent HIV related opportunistic infections | Dr Tanuja      |
| 22/01/2025<br>(Wednesday) | IM6.19,<br>6.20,<br>6.21,<br>6.22,<br>6.23                                   | Counsel<br>patients at<br>diagnosis of<br>HIV, and<br>prevention of<br>HIV<br>transmission | 1. Communicate diagnosis, treatment plan and subsequent follow up plan to patients<br>2. Communicate with patients on the importance of medication adherence<br>3. Demonstrate understanding of ethical and legal issues regarding patient confidentiality and disclosure in patients with HIV<br>4. Demonstrate a non-judgmental attitude to patients with HIV and to their lifestyles                                                                                                                                                        | Dr Rama Mishra |
| 24/01/2025<br>(Friday)    | IM11.1<br>IM11.2<br>IM11.3<br>IM11.4                                         | Diabetes                                                                                   | 1. Define and classify diabetes<br>2. Discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1 diabetes<br>3. Discuss the epidemiology , pathogenesis and risk factors economic impact and clinical evolution of type 2 diabetes<br>4. Describe and discuss the genetic background and the influence of the environment on diabetes                                                                                                                                                                         | Dr Tanuja      |
| 29/01/2025<br>(Wednesday) | IM11.5<br>IM11.6                                                             | Complication<br>s of diabetes                                                              | 1. Describe and discuss the pathogenesis and temporal evolution of microvascular and macrovascular complications of diabetes<br>2. Describe and discuss the                                                                                                                                                                                                                                                                                                                                                                                    | Dr Rama Mishra |