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Ref. :HMC/

/ 2025 - 2026

Date : /

TEACHING DEAPARTMENTS

DEPARTMENT OF PRACTICE OF MEDICINE WITH ESSENTIALS OF PHARMACOLOGY (UG)			
A SEPARATE VISITING FACULTY WITH THE MINIMUM DESIGNATION OF ASSISTANT PROFESSOR HAVING QUALIFICATIONS AS SPECIFIED IN SCHEDULE III SHALL BE ENGAGED FOR TEACHING OF ESSENTIALS OF PHARMACOLOGY			
Space for teachers and supporting staff, demonstration room, laboratories, museum and departmental library-75 sq. mtr.			
Space for Post Graduate students, discussion rooms, Post Graduate Teaching faculty room and Departmental Library -90 sq. mtr.			
Details of items of Equipment etc available as per MES(MES) Regulations			
1.	Requirement in Museum		
A.	List of Instruments		
S. No	Items	Available in number	
a.	Forceps or adson	1 Available	
b.	Forceps or brain tissue or forceps or debakey or sponge	2 Available	
c.	Clamp or bulldog or craford or hemostat or kelly	1 Available	
d.	Tracheostomy tube	2 Available	
e.	Ryles tube	2 Available	
f.	Bone marrow biopsy needle	3 Available	
g.	Liver biopsy needle	1 Available	
h.	Red rubber catheter	4 Available	
i.	Spirometer - hand held	1 Available	
j.	ECG machine	1 Available	
2.	Charts or Digital display or standees or photo panels of the following, namely: -		
S. No	Items	Available in number	
a.	Causes of breathlessness	1 Available	
b.	Types of murmur and associated clinical conditions	1 Available	
c.	Non-abdominal elements of Gastrointestinal examination	1 Available	

d.	Abnormal auscultation sounds in Gastrointestinal examination	1 Available	
e.	Glasgow coma scale	1 Available	
f.	Types of gait	1 Available	
g.	The cardiovascular system (CVS) examination	1 Available	
h.	The respiratory system examination	1 Available	
i.	The abdominal examination	1 Available	
j.	The genitourinary system examination	1 Available	
k.	The nervous system examination	1 Available	
l.	Clinical examination in blood disorders	1 Available	
m.	Endocrine system examination	1 Available	
n.	Normal hematological and biochemical values	1 Available	
o.	Pulmonary function test study chart	1 Available	
Charts are to be prepared by the students and records are to be maintained in A4 size sheet also.			
3.	Models of the following, namely: -		
Sr. No	Items	Available in number	
a.	Lung volumes	1 Available	
b.	Nail diseases	1 Available	
c.	Edema – types	1 Available	
d.	Cardiac valves – and murmurs	1 Available	
e.	Respiratory pathologies – differentiation	1 Available	
f.	Breath sounds –normal and abnormal	1 Available	
g.	Added sounds – pathologies	1 Available	
h.	Trachea – shifting, causes and differentiation	1 Available	
i.	Circle of Willis – pathologic association with cerebral blood vessels and differentiation	1 Available	
j.	Nephrotic and nephritic syndrome – clinical differentiation	1 Available	
k.	Right heart failure vs. left heart failure	1 Available	
4.	X-ray films of the following, namely: -		
A.	Chest		
Sr. No	Items	Available in number	
a.	Normal chest	2 Available	
b.	Interstitial lung disease	1 Available	
c.	Atelectasis of lung	1 Available	
d.	Segmental and lobar opacities of lung	1 Available	

e.	Multifocal ill-defined opacities	1 Available	
f.	Diffuse fine nodular opacities	1 Available	
g.	Nodules and masses in lung	1 Available	
h.	Solitary or multiple lucent lesions of lung	1 Available	
i.	Pneumothorax	1 Available	
j.	Pleural effusion or hemothorax or empyema	1 Available	
k.	Emphysema	1 Available	
l.	Cardiomegaly	1 Available	
B. Abdomen			
Sr. No	Items	Available in number	
a.	Intraperitoneal air	1 Available	
b.	Bowel obstruction	1 Available	
c.	Stones	1 Available	
d.	Pancreatic calcifications	1 Available	
Sr. No	Items	Available in number	
C. Intravenous pyelogram			
Sr. No	Items	Available in number	
D.	Cervical spine and lumbar spine	1 Available	
Sr. No	Items	Available in number	
E.	Knee and ankle	1 Available	
5.	CT scan of the head. -		
Sr. No	Items	Available in number	
a.	Hemorrhage – intra-parenchymal, subarachnoid, subdural, epidural	Available	
b.	Trauma	Available	
c.	Stroke – ischemic, hemorrhagic	Available	
d.	Mass effect	Available	
e.	Hydrocephalus	Available	
Sr. No	Items	Available in Number	
6.	CT scan of chest and thorax	1 Available	
7.	Reports:		
Sr. No	Items	Available in Number	
a.	Endoscopy report	Available	
b.	Colonoscopy report	Available	

8.	Details of Teaching Faculty		
Teaching Staff			
Sr. No	Designation	Name of faculty	
	Professor	Dr. Randive S.S.	
	Associate Professor	Dr. Satpute A.B.	
	Assistant Professor	Dr. Lohiya A.A.	
		Dr. Bodake M.B.	
Non-Teaching Staff			
	Multi-tasking staff	Mr. Jadhav V.B.	



Principal
 Vasant Rao Kale Homoeopathic
 Medical College & Hospital M.I.D.C
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