

OM SAKTHI
MELMARUVATHUR ADHIPARASAKTHI INSTITUTE OF MEDICAL SCIENCES AND
RESEARCH
MELMARUVATHUR
IMPORTANT TEACHING EQUIPMENTS / MATERIALS AVAILABLE IN
GENERAL MEDICINE DEPARTMENT

S. NO	NAME OF THE EQUIPMENTS	AVAILABLE
1	B.P. Apparatus (Mercury containing instruments should be replaced by digital or other suitable alternative)	40
2	Ophthalmoscope	10
3	Lumbar puncture needles (disposable)	Adequate
4	Pleural biopsy needles (disposable)	Adequate
5	Liver biopsy needles (disposable)	Adequate
6	Kidney biopsy needles (disposable)	Adequate
7	Bone marrow biopsy needles (disposable)	Adequate
8	Bone marrow aspiration needles (disposable)	Adequate
9	X-ray viewing box	18
10	Flexible Video End viewing Oesophago-Gastroduodenoscope (optional)	1
11	Flexible Video Colonoscope (optional)	1
12	Flexible Video Side viewing Gastroduodenoscope for ERCP (optional)	0
13	Proctoscope	8
14	Fiber optic bronchoscope (May be shared with TB&CD)	1
15	Spirometer	4
16	Bed side cardiac monitors	20
17	Central Cardiac monitor Console	1
18	Defibrillator	1 per unit + 1 each for MICU,ICCU and 1 for casualty ward



19	Non-invasive B.P. Apparatus	20
20	Pulse oximeter	24
21	Equipment for Cardiac pacing	1
22	Ambu bag	14
23	Laryngoscope	12
24	ECG machine	10
25	Echocardiography machine	1 portable unit
26	Tread mill test machine	1
27	Hemodialysis machine	4
28	Peritoneal dialysis catheters	Adequate
29	Arterial blood gas analyzer	1
30	Glucometer	14
31	EMG and nerve conduction velocity machine	1
32	Fine needle aspiration needle	Adequate
33	Aspiration needle	Adequate
34	Endotracheal tubes	Adequate
35	Invasive Mechanical Ventilator	15
36	Non Invasive mechanical ventilator (May be shared with TB and CD)	5
37	Nebulizer	14

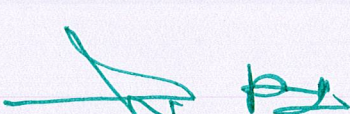
38	Portable Suction Machine	2 with each ward, 1 for MICU, 1 for ICCU, 1 for casualty ward, 1 for OPD
39	Infusion pumps	1 with each bed of MICU and ICCU plus 4 / unit
40	Weighing scale	2/unit + 2 in OPD
41	<i>Multimedia Projector with Screen</i>	2
42	Patient Examination table	6
43	Rubber Hammer	12
44	Computer	1/unit 1/MICU, 1/ICCU, 1/OPD
45	Torch	16
46	Emergency Lights	6
47	Upper GI endoscope (Optional)	3
48	Sigmoidoscope (optional)	3
49	Colonoscope (optional)	3
50	*Haemocytometer	5
51	*Light Microscope	3
52	*Haemoglobinometer	5
53	*Urinometer	3
54	* Required where ward side laboratories are available	Available

Important equipment available in General Medicine Department

S.No.	Equipment	Numbers / functional status / comments
1.	Multipara Monitors	20 - Functional
2.	Upper GI endoscope	1 - Functional
3.	Dialysis machines	30 - Functional
4.	Echo – color Doppler	4 - Functional
5.	Resuscitation kit	10 - Functional
6.	Pulse Oxymeters	20 - Functional
7.	Colonoscope	1 - Functional
8.	ECG	10 - Functional
9.	Holter	1 - Functional
10.	Crash cart	10 - Functional
11.	Computerized PFT equipment	1 - Functional
12.	Syringe pump	20 - Functional
13.	Bronchoscope	1 - Functional
14.	TMT	1 - Functional
15.	Defibrillator	7 - Functional
16.	Other routine use equipment	Adequate and functional

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