

OM SAKTHI
MELMARUVATHUR ADHIPARASAKTHI INSTITUTE OF MEDICAL SCIENCES AND
RESEARCH
MELMARUVATHUR

IMPORTANT TEACHING EQUIPMENTS / MATERIALS AVAILABLE IN
ORTHOPAEDICS SURGERY DEPARTMENT

S. NO	NAME OF THE ITEMS	AVAILABLE
1	General instrumentation set for fracture reduction	8 sets
2	Set for Hip Replacement	1
3	Set for knee replacement	1
4	Interlock nailing sets	1 each
5	Specific fixation sets (Proximal Humerus, Distal humerus, Intertrochanter, proximal and distal tibia, pelvic fixation, pedicle screw, lateral mass screw and ACDF for cervical spine)	1
6	Small Fragment and large fragment	4
7	External Fixator	8
8	Fracture reduction OT tables	2
9	Simple OT tables	2
10	Cautery machines	1
11	Pneumatic drill and reamer	1
12	Electrical drill and reamer set	4
13	Laminar airflow system in OT (for OT - where joint replacement surgeries are carried out)	Adequate
14	C-Arm (Image Intensifier)	2
15	Portable X-ray Machine	1
16	Arthroscope	1
17	Multimedia Projector	1
18	Plaster room equipment (sets) with plastic table.	2
19	Physiotherapy and occupational Therapy equipment sets	Adequate
20	Movie Camera for demonstration of live operations	1
	Note: All the orthopaedic wards should have wall mounted suction lines along with piped wall mounted central O ₂ lines on all beds. They should have resuscitation equipment like laryngoscope, all size endotracheal tubes, nasal and oral airways, Magill's forceps, LMA / PLMA of all sizes, Electrical suction apparatus, AED -1.	
	The OPD should have –	

21	Plaster tables	2
22	Electric plaster cutter	4
23	Reflex hammer	10
24	Measure tape	20
25	Goniometer	10

Dr. Mahendhira Varman.J

Dr. MAHENDHIRA VARMAN.J
 Reg.No.79010 M.B.B.S., M.S.(Ortho),
 Professor & HOD
 Department of Orthopaedics
 MAPIMS

Dr. Mahendhira Varman.J

MEDICAL SUPERINTENDENT
 MELMARUVATHUR ADHIPARASAKTHI INSTITUTE
 OF MEDICAL SCIENCES AND RESEARCH
 Melmaruvathur - 603 319.

Dr. Mahendhira Varman.J

DEAN
 MELMARUVATHUR ADHIPARASAKTHI
 INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
 MELMARUVATHUR - 603 319.