

OM SAKTHI
MELMARUVATHUR ADHIPARASAKTHI INSTITUTE OF MEDICAL SCIENCES AND
RESEARCH
MELMARUVATHUR
IMPORTANT TEACHING EQUIPMENTS / MATERIALS AVAILABLE IN OTO-
RHINO-LARYNGOLOGY DEPARTMENT

S. NO	NAME OF THE EQUIPMENTS	AVAILABLE
(A)	OPD	
1	Sterilizer	1
2	Cidex instrument sterilization tray	2
3	Digital /Electronic BP Apparatus	1
4	Stethoscope	2
	X-ray view box in all OPD rooms 5 sets each consisting of :	
5	Thudicum/St.Clair Thomson Nasal Speculum different sizes	4
6	Lac's Tongue depressor different sizes	4
7	Laryngeal mirrors different sizes	4
8	Nasopharyngeal mirrors different sizes	4
9	Aural speculum different sizes	4
10	Ear Suction different sizes	2
11	Nasal Suction different sizes	2
12	Suction apparatus	1
13	Siegel's speculum	1
14	Tuning fork (512 Hz)	1
15	Tuning fork (256 Hz)	1
16	Tuning fork (1024 Hz)	1
17	Otoscope with halogen bulb, rechargeable battery and Siegle attachment	1
18	Bayonet forceps	2
19	Bulls lamp	1

20	Head Mirror	1
21	Head Light With LED/Halogen lamp	1
22	Jobson Horne probe	2
23	Instrument tray	1
24	Kidney tray	2
25	The OPDs should have Otoendoscope, Nasalendoscope, Laryngeal telescope with camera, monitor and light source for teaching purposes (1 Unit of the above may be placed either in Minor OT or Endoscopy room or in the OPD in the Consultant Chamber)	As mentioned
26	Optional- One treatment unit may be placed in the Consultant Chamber in the OPD which will facilitate and replace the instruments required in that room for examination purposes and help in teaching clinical skills.	As mentioned
(B)	WARD	
27	Four sets consisting of the instruments required in the OPD should be kept in the ward for teaching purposes and for examination time.	As mentioned
28	One mobile spotlight, One Tracheostomy set should be placed in the ward.	As mentioned
29	The ward side room/emergency treatment room should have a mobile spotlight	As mentioned

(C)	Major Operation Theatre.	
	The OTs should be equipped with the requisite equipment for anaesthesia, cautery machines, suction machines and general operative sets.	
	a) Tonsillectomy and adenoidectomy set - 2 sets, each consisting of	
30	Biopod	1
31	Boyle-Davis mouth gag with difference size blades	1
32	Tonsil holding forceps	1
33	Tonsil dissector and pillar retractor	1
34	Waugh's tenaculum forceps: plain and tooth	2
35	Tonsil snare	1
36	Burkit artery forceps	1
37	Wilson's double curved artery forceps	1
38	Negus artery forceps	1
39	Tonsil scissors	1
40	Adenotome	1.(optional)
41	Adenoid curette with and without cage	2
42	Yankaueroropharyngeal suction (disposable)	1
	(b) Set for nasal bone fracture	
43	Asch forceps	1
44	Walsham forceps	1
45	St.Vlair Thompson Nasal Speculum	1
46	Killian Long bladed Nasal speculum	1
	(c) Septoplasty set	
47	Nasal dressing forceps	1
48	Knife handle	1
49	Killian's nasal speculum	1
50	Freer elevator	1

51	Howarth elevator	1
52	Cottle elevator	1
53	Sickle knife	1
54	Ballenger's swivel knife	1 (optional)
55	Luc tissue cutting forceps	1
56	Takahashi forceps	1
57	Fish tail (bayonet shape) gouge	2
58	Nasal mallet	1
	d) FESS set	
59	Rigid nasal endoscope 0 degree, 4 mm and 2.7 mm size	1 each
60	Rigid nasal endoscope 30 degree, 4 mm and 2.7 mm size	1 each
61	Light source and light cable	1
62	Endoscopic Camera with suitable display with recording & archiving facility. (with High Definition Camera)	1
63	Sickle knife	1
64	Retrograde punch	1
65	Blakesley forceps – straight 1 and upturn	1
66	Nasal suction cannula different sizes	4
67	Double curved suction cannula different sizes	4
68	Sinus probe and curette	1
69	Lacrimal probes for endoscopic DCR (optional)	1
70	General Fess Instruments	1
	e) Direct laryngoscopy set	
71	Anterior commissure laryngoscope for adult and pediatric sizes	2
72	Laryngoscope for adult and pediatric sizes	2
73	Negus laryngoscope	2 (optional)

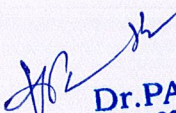
74	Light source	1
75	Light cable	1
76	Biopsy forceps	2
77	Foreign body removal forceps	2
78	Laryngeal suction	2
	(g) Microlaryngoscopy set	
79	Kleinsasser's laryngoscope	2
80	Fibreoptic lighting system	2
81	Suspension system for Laryngoscope	2
82	Microlaryngeal cup forceps	2
83	Microlaryngeal Scissors	2
	(h) Tympanoplasty set	
84	Graft knife	1
85	Graft scissors	1
86	Graft press	1
87	Aural speculum	4
88	Rosen first incision knife	1
89	Curette	2
90	Drum elevator	1
91	Blunt elevator	1
92	Sickle knife	1
93	Ball probe	1
94	Micro suction Cannula with thumb adaptor	4
95	Ear granulation forceps straight, up turn and side turn	3
96	Graft forceps	1
	(i) Mastoidectomy set	

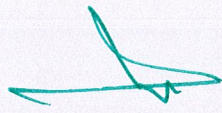
97	Mallet	2 (optional)
98	Gouge (different sizes)	4 (optional)
99	Knife handle	1
100	Mosquito artery forceps	4
101	Cat's paw retractor	2
102	Endaural retractor/post aural retractor for right and left ear	2
103	Electric drill (motor, hand piece and burrs)	2 sets
104	Mastoid seeker	2
105	Aditus seeker	2
106	Malleus head nipper	2
107	Suction cannula with adapter for thumb control	4
108	Ear granulation forceps straight, up turn and side turn	3
	j) Stapedectomy set	
109	Pick-straight	2
110	70 Angled	2
111	Perforator	2
112	Measuring rod	2
113	Prosthesis crimper	2
	(k) Oesophagoscopy set	
114	Oesophagoscopes sizes for different age group	3
115	Light source and cable	1
116	Biopsy forceps	3
117	Foreign body removal forceps	3
118	Suction cannula	3
119	Oesophageal dilators	1 set
	(l) Bronchoscopy set	

120	Bronchoscopes different sizes for different age groups	3
121	Light source and cable	1
122	Biopsy forceps	3
123	Foreign body removal forceps	3
124	Peanut forceps	3
125	Suction cannula	3
	(m) Tracheostomy set	
126	Needle holder	1
127	Bard Parker knife handle	1
128	Ribbon right angled retractors	2
129	Curved arteries	4
130	Straight arteries	1
131	Cricoid hook	1
132	Tracheal dilator	1
	(n) Excision Biopsy Set	
133	Doyen mouth gag	1
134	Jenin's mouth gag	1
135	Knife handle	2
136	Adson's tissue holding forceps toothed	2
137	Adson's tissue holding forceps plain	2
138	Mayo scissors different sizes	3
139	Mosquito curved artery forceps	6
140	Curved artery forceps	6
141	Ellis tissue forceps	4
142	Babcock tissue forceps	2
143	Cat's paw retractors	2

144	Right angle retractors	2
145	Skin hook single	2
146	Skin hooks double	2
147	Needle holder different sizes	3
148	Thread cutting scissors	1
	Minor Operation Theatre	
	(a) Direct laryngoscope set	
149	Laryngoscope – Anterior Commissure	1
150	Negus	1
151	Lighting system	1
152	Biopsy forceps	1
153	Biopsy forceps	1
	(b) Micro ear examination set	
154	Aural speculum	4
155	Suction cannula	4
156	Aural cup forceps	2
	(c) Nasal packing set	
157	St Clair Thompson nasal speculum different sizes	4
158	Nasal packing forceps	1
159	Nasal suction cannula	4
	(d) Nasal endoscopy trolley with 0 degree & 30 degree 4mm endoscope with light source, cable , monitor & camera	
160	Higginson syringe	2
161	Sterilizer	As required
162	Aural Syringe	As required
163	Tracheostomy set	As required

164	Intubation set	As required
165	Bowls, kidney treys, towel clips, sponge holding forceps and Cheatle forceps	As required
(E)	Miscellaneous Equipment	
166	Operating microscope for major Operation Theatre (with camera attachment & monitor for teaching and recording)	1
167	Electrocautery Unit	1
168	Spot Mobile Light	1
169	Basic OT table	1
170	Operating microscope for minor Operation Theatre	1
171	Puretone audiometer	As required
172	Brainstem evoked response audiometer with ASSR	As required
173	OAE Impedance audiometer (With sound treated air-conditioned room for audiometry)	As required
174	Multimedia Projector with Screen	1
	Teaching models/simulators as a part of the college CAL lab to teach clinical skills and procedure to the students must be available	
(F)	Additional Equipment	
175	Flexible nasopharyngolaryngoscope	1
176	Electronystagmograph(Optional)	1
177	Brainstem evoked response audiometer	1
178	Goggles, plastic apron, gloves for examination of patients with biohazard (HIV & AU +ve)	As required
179	Coblation Equipment	1
180	Micro Debrider	1
181	Polysomnography	1


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