

Biomedical Tour

Purpose: This tour is conducted by the Biomedical Engineer. The focus of this tour is to evaluate adequacy of equipment and relevant material required for provision of appropriate medical education.

Location: All facility areas (Medical College and Hospital)

Tour Participants: One representative from biomedical department

Surveyor(s): Biomedical Engineer

Standards/Issues Addressed: Recognition Standard 1: Infrastructure

Documents/Materials Needed

- Periodic Preventive Maintenance Schedule (PPM) Schedule
- Machine/equipment Logs
- Per machine log book
- Downtime Report

What Will Occur: Does surveyor(s) will visit the medical college and the hospital to ensure they are available in adequate numbers, are functional and are in use. Equipment inventory will be audited and the log of machines will be checked for their quality control

How to Prepare: To evaluate the compliance to relevant standards, review the documents provided by the college. Based on the review, conduct a comprehensive tour of the hospital to verify its equipment. On Day of college tour, remember to conduct a paired tour with basic sciences nominee to ensure that educational material mentioned in checklist is close to what is required by PMDC.

Biomedical Equipment Session				
Q#	Evaluation Question	Compliance		
		Yes	No	Not Appl
Anatomy: (Dissection Hall)				
1	Does the college have a facility for cadavers or equivalent?			
2	Does the college have at least two appropriate dissecting instrument sets for two cadavers available, functional and in use? (Optional)			
3	Does the college have at least two full dissection tables dissecting instrument sets available, functional and in use? (Optional)			
4	Does the college have at least twelve half dissection tables dissecting instrument sets available, functional and in use? (Optional)			
5	Does the college have at least 50 stool sets available, functional and in use?			
Anatomy: (histology Laboratory)				
6?	Does the college have at least two histology slide sets available, functional and in use?			
7?	Does the college have at least fifteen binocular microscopes available, functional and in use?			
8?	Does the college have at least one slide projecting microscope/ one penta-head Multi-viewing Biological Microscope available, functional and in use?			
9?	Does the college have at least one large refrigerator available, functional and in use?			
	Does the college have at least one computer with internet facility available, functional and in use? (Optional)			

	Does the college have at least one scanner available, functional and in use? (Optional)			
	Does the college have at least one colour laser printer available, functional and in use? (Optional)			
	Anatomy: (Museum)			
10?	Does the college have at least one Male torso model available, functional and in use?			
11?	Does the college have at least one cross sectional torso model available, functional and in use? (optional)			
12?	Does the college have at least five upper limbs (muscles, vessels, nerves and joints) anatomical model available, functional and in use?			
13?	Does the college have at least five lower limbs (muscles, vessels, nerves and joints) anatomical model available, functional and in use?			
14?	Does the college have at least four head and neck (muscles, vessels, nerves and joints) anatomical model available, functional and in use?			
15?	Does the college have at least five special senses anatomical model available, functional and in use?			
16?	Does the college have at least four brain anatomical model available, functional and in use?			
17?	Does the college have at least one histology models available, functional and in use?			
18?	Does the college have at least one embryology models available, functional and in use?			
19?	Does the college have at least five pelvis models available, functional and in use?			
20?	Does the college have at least four abdominal viscera models/prosected segments available, functional and in use?			
21?	Does the college have at least four liver models /prosected segments available, functional and in use?			
22?	Does the college have at least four kidney models /prosected segments available, functional and in use?			
23?	Does the college have at least three CVS models /prosected segments available, functional and in use?			
24	Does the college have at least four respiratory system models /prosected segments available, functional and in use?			
25	Does the college have at least hundred human's loose bones available, functional and in use?			
26	Does the college have at least two articulated skeletons available, functional and in use?			
27	Does the college have at least one articulated vertebral column available, functional and in use?			
28	Does the college have at least one multimedia available, functional and in use?			
29	Does the college have at least one cross sectional body model available, functional and in use? (optional)			
30	Does the college have assorted anatomy CDs available, functional and in use?			

31	Does the college have at least two white boards available, functional and in use for teaching purpose?			
32	Does the college have at least one Female torso model available, functional and in use?			
	Physiology (Major)			
43	Does the college have at least fifteen sphygmomanometers available, functional and in use?			
44	Does the college have at least ten microscope Binoculars available, functional and in use?			
45	Does the college have at least twenty haemocytometers available, functional and in use?			
46	Does the college have at least fifteen haemoglobin meters available, functional and in use?			
47	Does the college have at least ten complete perimeters available, functional and in use?			
48	Does the college have at least twenty-five ESR pipettes available, functional and in use?			
49	Does the college have at least twenty percussion hammers available, functional and in use?			
50	Does the college have at least two oxygen cylinders with flow meters available, functional and in use?			
51	Does the college have at least thirty clinical thermometers available, functional and in use?			
52	Does the college have at least five student kymographs available, functional and in use?			
53	Does the college have at least two ECG machines per 100 hundred students available, functional and in use?			
54	Does the college have at least one centrifuge machine available, functional and in use?			
55	Does the college have at least five microhaematocrit reader available, functional and in use?			
56	Does the college have at least one microhematocrit centrifuge available, functional and in use?			
57	Does the college have at least thirty stethoscopes available, functional and in use?			
58	Does the college have at least two data acquisition system available, functional and in use?			
59	Does the college have at least one finger pulse oximeter available, functional and in use?			
	Physiology (Minor)			
62	Does the college have at least fifteen stopwatches available, functional and in use?			
63	Does the college have at least fifteen tuning forks of different frequencies available, functional and in use?			

64	Does the college have at least five vision E type charts/Snellen's charts available, functional and in use?			
65	Does the college have at least five Ishihara charts available, functional and in use?			
66	Does the college have at least two weighting machines available, functional and in use?			
67	Does the college have at least an audiometer available, functional and in use?			
68	Does the college have at least an examination couch available, functional and in use?			
69	Does the college have at least a fire extinguisher available, functional and in use?			
70	Does the college have at least a Jaeger's chart?			
71	Does the college have at least an ophthalmoscope?			
72	Does the college have at least a refrigerator?			
73	Does the college have at least a stethoscope (complete), with assembly available, functional and in use?			
74	Does the college have assorted torches available, functional and in use?			
75	Does the college have assorted tourniquets available, functional and in use?			
76	Does the college have one water bath available, functional and in use?			
77	Does the college have one beaker 100ml graduated available, functional and in use?			
78	Does the college have one beaker 500ml graduated available, functional and in use?			
79	Does the college have one blood group tiles available, functional and in use?			
80	Does the college have assorted capillary tubes (heparinised) available, functional and in use?			
81	Does the college have one treadmill or an aergometer cycle available, functional and in use?			
82	Does the college have assorted capillary tubes (plain) available, functional and in use?			
83	Does the college have assorted centrifuge tubes with cork available, functional and in use?			
84	Does the college have assorted EDTA tube available, functional and in use?			
85	Does the college have assorted ESR pipette available, functional and in use?			
86	Does the college have one glass rod available, functional and in use?			
87	Does the college have one magnifying glass available, functional and in use?			
88	Does the college have assorted microscope slides?			
89	Does the college have assorted Petri dishes (various sizes)?			
90	Does the college have one spirit lamp/gas burner available, functional and in use?			
91	Does the college have one thermometer available, functional and in use?			

92	Does the college have assorted Win Trobe's tubes available, functional and in use?			
93	Does the college have one antisera A, B and D available, functional and in use?			
94	Does the college have one cedar wood oil available, functional and in use?			
95	Does the college have one distilled water available, functional and in use?			
96	Does the college have one bottle of HCL?			
97	Does the college have one bottle of Leishman's stain available, functional and in use?			
98	Does the college have one bottle of methylated spirit available, functional and in use?			
99	Does the college have one bottles of platelet solution (Ree's and Ecker's solution) available, functional and in use?			
100	Does the college have one set of pregnancy test kits available, functional and in use?			
101	Does the college have assorted pregnancy strips available, functional and in use?			
102	Does the college have one bottle of RBC solution available, functional and in use?			
103	Does the college have one bottle of WBC solution available, functional and in use?			
104	Does the college have one bottle of xylene available, functional and in use?			
Biochemistry (Major)				
109	Does the college have at least two clinical PH meters available, functional and in use?			
110	Does the college have at least one large size incubator available, functional and in use?			
111	Does the college have at least two electronic balance available, functional and in use?			
112	Does the college have at least one thermal cycler available, functional and in use?			
113	Does the college have at least one electrophoresis available, functional and in use?			
114	Does the college have at least two glucometers available, functional and in use?			
115	Does the college have a bench top centrifuge <ul style="list-style-type: none"> • At least 1x Microlab functional, available and in use • At least 10x microscopes functional, available and in use • At least 1x Refrigerator functional, available and in use 			
Biochemistry (Minor)				
117	Does the college have at least one water distillation unit (operation china 10 Litres) available, functional and in use?			
118	Does the college have at least one electric water bath available, functional and in use?			
119	Does the college have at least five stopwatches available, functional and in use?			
120	Does the college have at least one hot box oven available, functional and in use?			
Pharmacology (Major)				

122	Does the college have at least three audio-visual facility and assorted experimental CDs for pharmacology practical is available, functional and in use?			
123	Does the college have at least two BP apparatus available, functional and in use?			
124	Does the college have at least two stethoscopes available, functional and in use and 10 kymographs, functional and in use			
Pharmacology (Minor)				
136	Does the college have at least one electronic balance available, functional and in use?			
Pathology (Major)				
138	Does the college have at least fifteen microscope binoculars available, functional and in use?			
139	Does the college have at least one Microscope multi head (5 piece) available and at least one microscope slide projection system , functional and in use			
Pathology (Minor)				
140	Does the college have at least four stain dropping bottles (250ml) available, functional and in use?			
141	Does the college have at least four wash bottles available, functional and in use?			
142	Does the college have at least four adjustable staining racks available, functional and in use?			
143	Does the college have at least two 14 cubic feet refrigerators available, functional and in use?			
144	Does the college have at least one – (minus) 20 C deep freezer available, functional and in use?			
145	Does the college have at least four glass beaker (graduated) (Pyrex) 500 ml graduated available, functional and in use?			
146	Does the college have at least four glass cylinder (graduated) (Pyrex) 500 ml graduated available, functional and in use?			
147	Does the college have at least one water still available, functional and in use?			
148	Does the college have at least one incubator 37 c large available, functional and in use at all time?			
149	Does the college have at least one floating bath available, functional and in use?			
150	Does the college have at least twenty Staining jars available, functional and in use?			
151	Does the college have at least one automatic tissue processor available, functional and in use?			
152	Does the college have at least one embedding station available, functional and in use?			
153	Does the college have at least one water Bath electric available, functional and in use?			
154	Does the college have at least one paraffin embedding bath available, functional and in use?			
155	Does the college have at least one oven-wax embedding (100 c) available, functional and in use?			
156	Does the college have at least one Microtome available, functional and in use?			
157	Does the college have at least one knife sharpener available, functional and in use?			

158	Does the college have at least a large incubator available, functional and in use?			
Community Medicine (Lab/museum)				
159	Does the college use digital technology in form of Images, Illustrations, Infographics and power point slides on primary healthcare and community and preventive medicine?			
160	Does the college have at least one multimedia projector or LED and one computers for display of images, illustrations, video clips and /or power point slides			
161	Does the college have one computer for research software?			
162	<p>Does the college have at least 5 Images / Illustrations or power point slides of each of the following categories</p> <ul style="list-style-type: none"> ▪ Ice berg phenomena of the disease ▪ Pustule eruption in small pox and chicken pox ▪ Lifecycle of malaria parasite (P. vivax and Falciparum) ▪ Xerosis (conjunctival) in vitamin A deficiency ▪ Lead line on gum ▪ Cutaneous Leishmaniosis, Ulcers on forearm and head ▪ Tick <ul style="list-style-type: none"> ▪ Flea ▪ Sand Fly ▪ House Fly ▪ Aedes Aegypti mosquito ▪ Anopheles mosquito ▪ Population Pyramid ▪ Coal Miners Lung ▪ Snow storm silicosis (lung) ▪ Ground Glass Anthracosis (lung) ▪ Bleeding Gums ▪ Rickets ▪ Poliomyelitis ▪ Measles ▪ Vaccine Vile Monitor ▪ Dental Fluorosis ▪ Spot maps ▪ Bar Charts ▪ Histograms ▪ Frequency Polygon ▪ Normal Distribution Curve ▪ Marasmus / Kwashiorkor ▪ Goiter ▪ Functioning of incinerator ▪ Food pyramid ▪ Sustainable development Goals 			

163	<p>Does Community Medicine Department of College have at least following models</p> <ul style="list-style-type: none"> ▪ 1 x Septic tank ▪ 1 x Water filtration plant ▪ 5 x mid arm circumference (MUAC)tapes ▪ Various contraceptive devices and oral pills ▪ 50 x Growth charts ▪ 50 x antenatal charts ▪ 3 x measuring tapes and 3 x weighing machines for BMI calculation ▪ 10 x water purification tablets ▪ 1 x water testing kit for chlorine ▪ 3 x EPI vaccines 			
164	<p>Does the college have following soft wares fully functional and in use for Research methods</p> <ul style="list-style-type: none"> ▪ SPSS latest version ▪ Microsoft Excel ▪ Epi info ▪ WHO Sample size calculator ▪ One of the Reference Managers (Endnote X7 or Mendeley) 			
Forensic medicine (Major)				
173	Does the college have at least one male or female skeleton available, functional and in use?			
174	Does the college have at least fifteen separate bones available, functional and in use?			
175	Does the college have at least twenty models available, functional and in use?			
176	Does the college have at least fifteen toxicological specimens available, functional and in use?			
177	Does the college have at least 5 simple hand held magnifying glass available, functional and in use?			
178	Does the college have at least three binocular microscopes available, functional and in use?			
179	Does the college have at least 2 ultraviolet lamps for examinations of stains, available, functional and in use?			
180	Does the college have one autopsy examination sets available, functional and in use?			
181	Does the college have at least ten assault weapons (or their replicas) available?			
Forensic medicine (Minor)				
183	Does the college have at least ten medico-legal x-rays and photography available, functional and in use?			
Teaching Hospital(s) Equipment Requirements				
General Medicine				
184	Does the college have at least one defibrillator available, functional and in use			

185	Does the college have at least two ECG machine (at least Triple Channel) available, functional and in use?			
186	Does the college have at least one video endoscopic system with upper and lower sets available, functional and in use?			
187	Does the college have at least one Trolley for endoscopes available, functional and in use?			
188	Does the college have at least one echocardiograph 2D with colour Doppler available, functional and in use?			
189	Does the college have at least one ETT machine available, functional and in use?			
190	Does the college have at least four complete nebulizers available, functional and in use?			
191	Does the college have at least 10 BP apparatus available, functional and in use?			
192	Does the college have at least 10 stethoscopes available, functional and in use?			
193	Does the college have at least 4 pulse oximeters available, functional and in use?			
194	Does the college have at least 6 glucometers available, functional and in use?			
195	Does the college have at least 2 cardiac monitors available, functional and in use?			
196	Does the college have at least 10 thermometers available, functional and in use?			
197	Does the college have at least 3 torches available, functional and in use?			
198	Does the college have at least 3 measuring tapes available, functional and in use?			
199	Does the college have at least 4 hammers available, functional and in use?			
200	Does the college have at least 2 tuning forks (128Hz) available, functional and in use?			
201	Does the college have at least 5 examination couches available, functional and in use?			
	Dermatology			
202	Does the college have at least 3 electrocautery machines available, functional and in use?			
203	Does the college have at least 15 magnifying glasses with fluorescent lamps available, functional and in use?			
204	Does the college have at least 3 wood lamps available, functional and in use?			
205	Does the college have at least 1 PUVA machine available, functional and in use?			
206	Does the college have at least 1 UVB machine available, functional and in use?			
207	Does the college have at least 3 liquid nitrogen cylinders for cryo available, functional and in use?			
208	Does the college have at least 1 microscope with accessories available, functional and in use?			
209	Does the college have at least 6 biopsy sets available, functional and in use?			
210	Does the college have at least 6 BP apparatus available, functional and in use?			
	Surgery			
211	Does the college have at least 8 basic standard surgical sets available, functional and in use?			

212	Does the college have at least 1 thoracic surgical set available, functional and in use?			
213	Does the college have at least 1 vascular surgical set available, functional and in use?			
214	Does the college have at least 1 pediatric surgery set available, functional and in use?			
215	Does the college have at least 1 plastic surgery set available, functional and in use?			
216	Does the college have at least 2 surgical diathermies (Monopolar and Bipolar) machines available, functional and in use?			
217	Does the college have at least 1 harmonic/Ligature machine available, functional and in use?			
218	Does the college have at least 1 fibre optic colonoscope (Diagnostic and therapeutic) or flexible sigmoidoscope available, functional and in use?			
219	Does the college have at least 2 rigid sigmoidoscope and proctoscope available, functional and in use?			
220	Does the college have at least 1 complete laparoscopic surgical sets available, functional and in use?			
221	Does the college have at least 1 microsurgical instrument set available, functional and in use?			
222	Does the college have at least 1 transurethral resection of prostate surgical set available, functional and in use?			
223	Does the college have at least 1 cystoscopes (diagnostic and therapeutic) available, functional and in use?			
224	Does the college have at least one fiberopticoesophagoscope/gastroscope available, functional and in use?			
225	Does the college have at least 1 fibre optic bronchoscope available, functional and in use?			
226	Does the college have at least 1 portable X-ray machine, operation table, and radiographic film cassette facilities e.g. for per operative cholangiogram. Image intensifier with C-arm and double monitors available, functional and in use?			
227	Does the college have at least 3 suction machines available, functional and in use?			
228	Does the college have at least 1 defibrillator available, functional and in use?			
	Obstetrics and Gynecology			
229	Does the college have at least 4 ultrasounds with linear, vaginal, section probes and punctures available, functional and in use?			
230	Does the college have at least 1 hysteroscope available, functional and in use?			
231	Does the college have at least 2 colposcope available, functional and in use?			
232	Does the college have at least 1 laparoscopic surgical sets with camera and monitors available, functional and in use?			
233	Does the college have at least 4 delivery table available, functional and in use?			

234	Does the college have at least 10 examination tables available, functional and in use?			
235	Does the college have at least 6 manual BP apparatus available, functional and in use at all time?			
236	Does the college have at least 8 dyna-map available, functional and in use?			
237	Does the college have at least 6 pulse oximeters available, functional and in use?			
238	Does the college have at least 4 baby weighing scales hundred students available, functional and in use?			
239	Does the college have at least 10 pinnard stethoscopes/fetoscopes available, functional and in use?			
240	Does the college have at least 4 instrument sterilizers available, functional and in use?			
241	Does the college have at least 2 sonicaid available, functional and in use?			
242	Does the college have at least 4 CTG machines available, functional and in use?			
243	Does the college have at least 4 neonatal resuscitation trolley and heaters available, functional and in use?			
244	Does the college have at least 12 disposable delivery sets?			
245	Does the college have at least 20 Cusco's speculum available, functional and in use?			
246	Does the college have at least 3 adult ambu bags and masks available, functional and in use?			
247	Does the college have at least 20 Sims speculum available, functional and in use?			
248	Does the college have at least 20 perineal/vaginal/cervical repair sets available, functional and in use?			
249	Does the college have at least 8 Caesarean section sets available, functional and in use?			
250	Does the college have at least 5 dilatation and Evacuation sets (D&C) available, functional and in use?			
251	Does the college have at least 6 manual vacuum aspirators available, functional and in use?			
252	Does the college have at least 6 vacuum ventuse cups available, functional and in use?			
253	Does the college have at least 6 outlet forceps available, functional and in use?			
254	Does the college have at least 6 infant laryngoscopes with spare bulbs available, functional and in use?			
255	Does the college have at least 6 suction machines available, functional and in use?			
256	Does the college have at least 2 teaching dummies and anatomical pelvis models available, functional and in use?			
257	Does the college have at least adequate equipment for family planning available, functional and in use?			
258				
	Basic Surgery Sets in main Operating Theatre			
259	Does the college have at least 1 sterilizer (>300L capacity) available, functional and in use?			

260	Does Hospital have sufficient instrument boxes, scalpel handles of various sizes, May-Hagar Needle holders of various sizes, artery forceps, Halstead (non-serrated and curved) various sizes, surgical dissecting scissors, metzembaum (Curved) of various sizes, Kocher's forceps (toothed, straight, haemostatic) of various sizes, Probes of various sizes, Dissecting forceps with and without teeth of various sizes, Haemostatic forceps (Collin and Chaput) of various sizes, towel clips and galipots of various sizes for hundred students available, functional and in use?			
261	Does the college have Farabeuf retractors, short, self-retaining retractors for thoracic, abdominal and minor procedures etc. available, functional and in use?			
Out-Patient:				
262	Does the college have 1 stethoscope per clinic available, functional and in use?			
263	Does the college have 1 fetal/pediatric stethoscope per respective clinics available, functional and in use?			
264	Does the college have BP apparatus per clinic available, functional and in use?			
265	Does the college have one thermometer (Oral/armpit) and sufficient rectal thermometer available, functional and in use?			
266	Does the college have light source (battery type), tongue depressors, tape measures (Flexible, soft), Snellen chart (including for uneducated patients), hammers, head mirrors/head lights, mirror laryngeal sets, otoscopes, and Collyer pelvimeters, examination tables, available, functional and in use?			
267	Does the college have laryngoscopes available, functional and in use?			
268	Does the college have stretchers (folding type) available, functional and in use?			
269	Does the college have ambu bags for infants, pediatric patients and adult patients available, functional and in use?			
270	Does the college have suction machines available, functional and in use?			
271	Does the college have consumables like gloves, Endo tracheal tubes of various sizes, IV cannulas of various sizes, masks etc. available, functional and in use?			
Pediatrics Department				
272	Does the college have 1 weighing scale available, functional and in use?			
273	Does the college have 1 length/height measuring scale available, functional and in use?			
274	Does the college have 2 ultrasonic nebulizers available, functional and in use?			
275	Does the college have 1 pediatric ventilator available, functional and in use?			
276	Does the college have 1 neonatal ventilator available, functional and in use?			
277	Does the college have 1 pulse oximeter available, functional and in use?			
278	Does the college have 3 infusion pumps available, functional and in use?			
279	Does the college have 1 cardiac monitor available, functional and in use?			
280	Does the college have 1 transport incubator available, functional and in use?			
281	Does the college have 1 neonatal resuscitator available, functional and in use?			
282	Does the college have 1 low-grade suction apparatus available, functional and in use?			
283	Does the college have 1 resuscitator (infant/child), manual available, functional and in use?			

284	Does the college have 1 suction machine (dual operation with tubes) available, functional and in use?			
285	Does the college have 2 otoscopes with infant diagnostic heads available, functional and in use?			
286	Does the college have 2 forceps, splinter/repilation, and spring available, functional and in use?			
287	Does the college have 2 pediatric nasal speculums available, functional and in use?			
288	Does the college have 1 scale for infants available, functional and in use?			
289	Does the college have 1 height measuring scale for infants available, functional and in use?			
290	Does the college have 6 oral/armpit Thermometers available, functional and in use?			
291	Does the college have 5 BP apparatus (new born, neonatal, pediatric, cuffs) available, functional and in use?			
292	Does the college have one pediatric BLS mannequin?			
	Ophthalmology Department			
292	Does the college have 1 Autorefracto/Keratometer available, functional and in use?			
293	Does the college have 1 Ultrasound A-scan bio-meter available, functional and in use?			
294	Does the college have 1 Ultrasound B-scan available, functional and in use?			
295	Does the college have 1 Keratometer (Manual) available, functional and in use?			
296	Does the college have 1 Application Tonometer available, functional and in use?			
297	Does the college have 1 Phacoemulsification unit available, functional and in use?			
298	Does the college have 1 Slitlamp with applanation tonometer available, functional and in use?			
299	Does the college have 1 prism bar (Horizontal) available, functional and in use?			
300	Does the college have 1 Lensometer manual available, functional and in use?			
301	Does the college have Operating microscope available, functional and in use?			
302	Does the college have 1 indirect ophthalmoscope available, functional and in use?			
303	Does the college have 1 direct ophthalmoscope available, functional and in use?			
304	Does the college have 1 Retinoscope available, functional and in use?			
305	Does the college have 1 Trial lens set with trial frame available, functional and in use?			
306	Does the college have Prism bars (vertical) available, functional and in use?			
307	Does the college have 1 Manual visual field analyzer (Bjerrum screen) available, functional and in use?			
308	Does the hospital have 1 automated visual field analyzer (Bjerrum Screen) available, functional and in use?			
309	Does the college have 1 electrosurgical diathermy unit (Mono/Bipolar) available, functional and in use?			
310	Does the college have 1 Portable surgical light available, functional and in use?			
	ENT Department			
297	Does the college have 1 OPD instrument set available, functional and in use?			

298	Does the college have 1 Auroscope available, functional and in use?			
299	Does the college have 1 Ultrasound B-scan available, functional and in use?			
300	Does the college have 1 microscope for OT available, functional and in use?			
301	Does the college have 1 rigid endoscopes with all accessories available, functional and in use?			
302	Does the college have 1 Audiometer available, functional and in use?			
303	Does the college have 1 Impedance Audiometer available, functional and in use?			
304	Does the college have 1 BERA available, functional and in use?			
305	Does the college have 1 Minor OT dressing/Examination set available, functional and in use?			
306	Does the college have 1 General Set for OT available, functional and in use?			
307	Does the college have 1 Microscope instrument set for maxilloidectomy available, functional and in use?			
308	Does the college have 1 Microscope instrument set for tympanoplasty available, functional and in use?			
309	Does the college have 1 Microcope instrument set for Stapedectomy available, functional and in use?			
310	Does the college have 1 Set for tonsillectomy available, functional and in use?			
311	Does the college have 1 Set for Rhinoplasty available, functional and in use?			
312	Does the college have 1 Set for FESS available, functional and in use?			
313	Does the college have 1 Air Drill with all accessories available, functional and in use?			
Accident and Emergency Department				
306	Does the college have 2 beds with monitoring facilities available, functional and in use?			
307	Does the college have 1 minor operating theater available, functional and in use?			
308	Does the college have 1 pharmacy in emergency area available, functional and in use?			
309	Does the college have 1 facility for resuscitation including crash cart (Defibrillator) and a cubicle for patient with central oxygen, suction and monitoring facilities stay available, functional and in use?(essential)			
Operating Rooms				
310	Does the college have five fully equipped operating rooms available, functional and in use?			
311	Does the college have appropriately furnished Pre-anesthesia area available, functional and in use?			
312	Does the college have recovery area with central oxygen and suction and monitoring facilities available, functional and in use?			
313	Does the college have monitoring facilities per OR available, functional and in use?			
314	Does the college have 1 image intensifier available, functional and in use?			
315	Does the college have facilities for resuscitation available, functional and in use?			
316	Does the college have 5 anesthesia workstations available, functional and in use?			
317	Does the college have 1 Diathermy machine per theater (Monopolar and bipolar) available, functional and in use?			

318	Does the college have adequate OT Waste disposal method available, functional and in use?			
	Critical care beds with isolation facilities as a part of intensive care, coronary care and neonatal care HDU			
319	Does the college have ten medical ICU beds (Essential) available, functional and in use?			
320	Does the college have ten surgical ICU beds (Mandatory) available, functional and in use?			
321	Does the college have ten separate pediatric & neonatal intensive care beds available, functional and in use?			
322	Does the college have implementation of sanitation & isolation protocols available, functional and in use?			
	Central Sterilization and Storage Department			
323	Does the college have Instrument washing area available, functional and in use?			
324	Does the college have linen washing area available, functional and in use?			
325	Does the college have 1 washer and disinfectant available, functional and in use?			
326	Does the college have 2 steam autoclaves with 134 degrees' temperature (500L) available, functional and in use?			
327	Does the college have 1 Ethylene oxide/ Formaldehyde gas / plasma sterilizer available, functional and in use?			
328	Does the college have 1 sealant machine available, functional and in use?			
329	Does the college have chemical based high-level disinfection/sterilization facilities available, functional and in use?			
330	Does the college have storage and distribution counter available, functional and in use?			
	Does the college have separate path for collection of dirty linen and instruments available, functional and in use?			
332	Radiology Services With all Imaging Modalities			
333	Does the college have 3 Fluoroscopy/image intensifiers (500mA) available, functional and in use?			
334	Does the college have 1 stationary Bucky table (300mA) available, functional and in use?			
335	Does the college have 1 stationary Bucky Stand (300mA) available, functional and in use?			
336	Does the college have 1 portable X-ray (100mA) available, functional and in use?			
	Ultrasound			
337	Does the college have 2 probe grey scale (3.5 MHz) available, functional and in use?			
338	Does the college have 2 probe portable grey scale (3.5 MHz) available, functional and in use?			
339	Does Department have 1 color Doppler (with multi frequency probes) available, functional and in use?			
	Does the college have 2 biopsy probes available, functional and in use?			
342	Other Equipment			

343	Does the college have 1 CT Scan 16 slices or above available, functional and in use?			
344	Does the college have or have access to 1 MRI (1.5Tesla or above) available, functional and in use or 0.4 tesla Open MRI?			
345	Does the college have 1 Mammography available, functional and in use?			
	Does the college have 1 Orthopantomogram (OPG) available, functional and in use?			
	Safety Equipment			
355	Does the college have 7 lead aprons available, functional and in use?			
356	Does the college have 2 TLDs available, functional and in use?			
357	Does the college have 4 lead shields/partitions available, functional and in use			
358	Does the college have one film badge/radiation detector per staff member and available, functional and in use?			
	Hospital Laboratory Services			
361	Haematology Instrument			
362	Does the college have 3/5 part automated differential counter available, functional and in use?			
363	Does the college have 2 microscopes available, functional and in use?			
364	Does the college have one basic staining facilities including for reticulocytes available, functional and in use?			
365	Does the college have 1 fridge to keep samples available, functional and in use?			
366	Blood Bank			
	Does the college have 1 serofuge available, functional and in use?			
367	Does the college have 1 agglutination viewer available, functional and in use?			
368	Does the college have 1 blood bank fridge available, functional and in use?			
369	Does the college have 1 microscope and 1 water bath/heat block available, functional and in use?			
370	Does the college have 1 platelet rotator with incubator available, functional and in use?			
371	Does the college have 1 minus thirty-degree refrigerator for storage available, functional and in use?			
	Chemical Pathology			
372	Does the college have 1 automated chemistry analyser available, functional and in use?			
373	Does the college have 1 immuno-assay analyser available, functional and in use?			
374	Does the college have 1 electrolyte analyser available, functional and in use?			
375	Does the college have 1 blood gas analyser (either in department or in ICU) available, functional and in use?			
376	Does the college have 1 fridge and 1 minus-twenty degree freezer for lab available, functional and in use?			
	Microbiology			
377	Does the college have 1 incubator (37 degrees) available, functional and in use			
378	Does the college have 1 basic staining facilities available, functional and in use			
379	Does the college have 1 refrigerator available, functional and in use?			
380	Does the college have 2 microscopes available, functional and in use?			
381	Does the college have 1 safety hood available, functional and in use?			
	Documentation Review			

361	Is the preventive maintenance/calibration plan being carried out periodically?			
362	Is the record of preventive maintenance/calibration being maintained?			
363	Is the record of repair maintenance being maintained?			
364	Is the record of down time being maintained?			
365	Are there any master calibrators available?			
366	Are the master calibrators calibrated?			
367	Are the training certificates of person dedicated for calibration of medical devices available?			
368	Is the record of service/maintenance reports of rental/contractual equipment maintained?			
369	Is dedicated/separate workshop for repairing/maintenance of BM equipment available?			
370	Is sufficient BM staff for repair/maintenance with reference to the number of beds/equipment available?			
371	Is proper training of end user being done at the time of installation? (attendance list of trainings)			
372	Is daily and weekly self-test list of Defibrillators available?			