TEACHING HOSPITAL AND EQUIPMENT

OPD FACILITY



MQJC+683, Green Avenue, Faridkot, Punjab 151203, India

Latitude 30.6806254°

Local 01:57:51 PM GMT 08:27:51 AM Longitude **74.7714357°**

Altitude 160.5 meters Monday, 27-12-2021



36.0°C

28 Sep 2021 12:57 pm

2 Google

ORAL SURGERY DEPARTMENT





MQJC+FCH, Green Avenue, Faridkot, Punjab 151203, India 28 Sep 2021 12:35 pm

scattered clouds 36.0 °C





ADVANCED DIAGNOSTIC FACILITIES





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MQJC+683, Green Avenue, Faridkot, Punjab 151203, India 28 Sep 2021 12:57 pm

scattered clouds 36.0 °C



DEPARTMENT of PROSTHODONTICS



HISTOPATHOLGY LAB



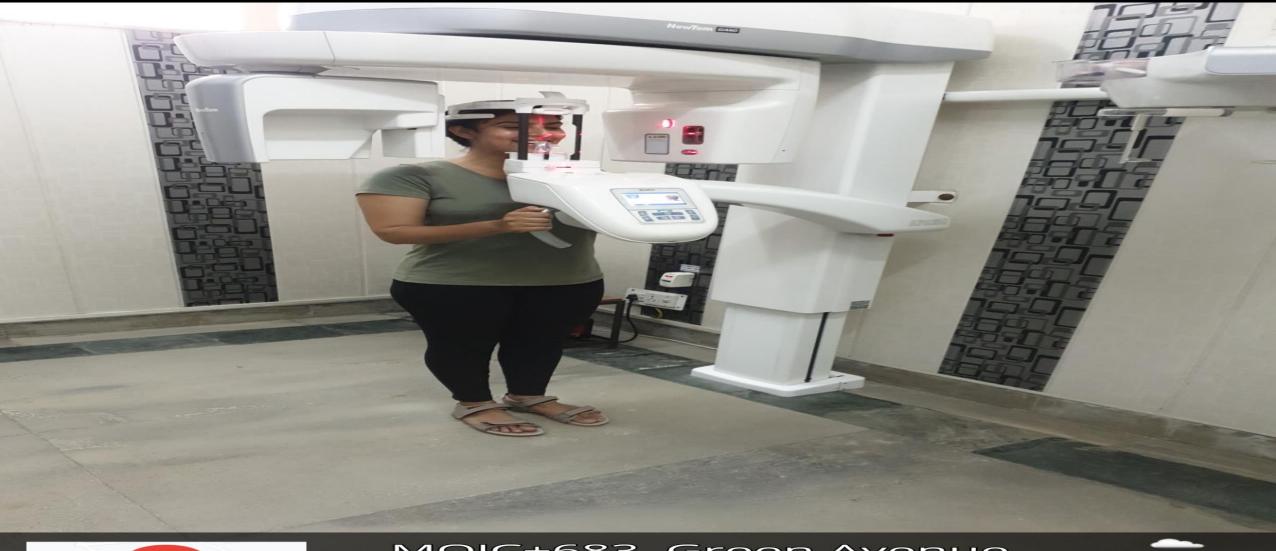
OTHER FACILITIES





DENTAL X-RAY UNITS







MQJC+683, Green Avenue, Faridkot, Punjab 151203, India 28 Sep 2021 12:57 pm

scattered clouds 36.0°C

PRE-CLINICAL LABORATORIES





MQJC+683, Green Avenue, Faridkot, Punjab 151203, India

Latitude 30.68031900956226°

Local 11:24:31 AM GMT 05:54:31 AM Longitude 74.7714090793072°

Altitude 176.83 meters Wednesday, 03-11-2021







10 2, Chahal, Faridkot, Punjab 151203, India

Latitude

30.6813555°

Local 11:00:20 AM GMT 05:30:20 AM

Longitude

74.7733884°

Altitude 0 meters Wednesday, 03-11-2021



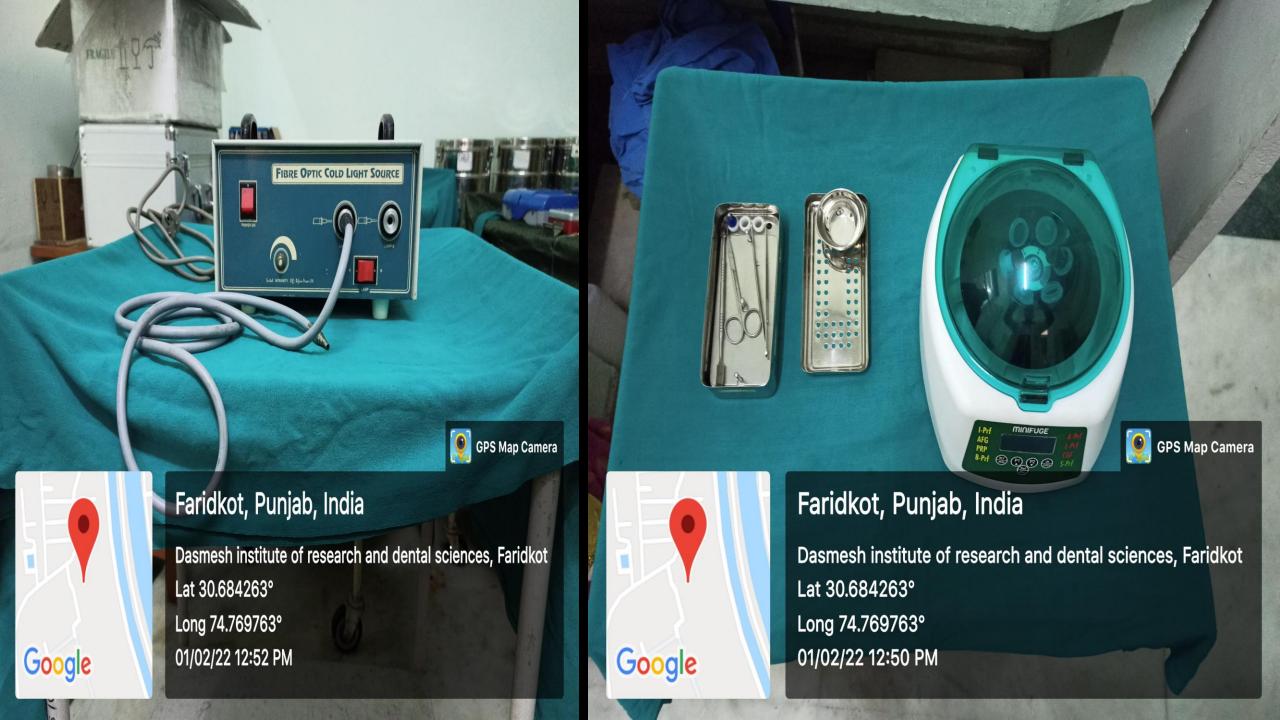


Dasmesh institute of research and dental sciences, Faridkot Lat 30.684263° Long 74.769763° 02/02/22 11:37 AM

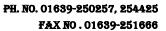
OTHER ADVANCED DENTAL EQUIPMENTS













DASMESH INSTITUTE OF RESEARCH & DENTAL SCIENCES TALWANDI ROAD, FARIDKOT

www.dasmeshinstitutes.com

(Recognized by Dental Council of India, New Delhi)

email: dirdsfdk@gmail.com

Dated: 23/04/2022

LIST OF MAJOR EQUIPMENTS AVAILABLE AS PER DCI STIPULATIONS

DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE

Name	Specification	Available
Dental Chairs and Units		34
Semi adjustable articulator	With face bow	4
Extra oral/intra oral tracer		4
Dewaxing unit		2
Curing unit		2
Dental casting machine		1
Wax burnout furnace		1
Pre heating furnace		1
Surveying unit		2
Heavy duty hand piece	Lab micromotors	4
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Needle burner with syringe cutter		2
CAD CAM		1(Optional)
LAB		
Plaster Dispenser	One each for plaster and stone plaster	2

Model Trimmer with		1
Carborandum Disc		
Model Trimmer with Diamond		2
Disc		
Acrylizer		3
Lathe		2
Flask press		4
Deflasking unit		4
Dewaxing unit		3
Hydraulic Press		3
Mechanical Press		2
Vacuum mixing machine		1
Curing pressure pot		1
Hot water sterilizer	Compound bath	2
Geyser	Gas connection	2
Phantom heads	& bunson burner	50
Pre-clinical working tables		100

CERAMIC AND CAST PARTIAL LABORATORY

NAME	SPECIFICATIONS	Available
Plaster Dispensor	One each for plaster and stone	2
	plaster	
Duplicator		1
Pindex System		1
Circular saw		1
Burn out furnace		1
Sandblasting machine	With two containers	1
Electro-polisher		1
Model Trimmer with Carborandum disc		1
Model Trimmer with Diamond disc		1
Induction casting machine		1
Programmable porcelain furnace with		1
vacuum pump with instrument kit and		
material kit		
Spot welder with soldering, attachment		1
of cable		
Vacuum mixing machine		1
Steam Cleaner		1
Spindle Grinder 24,000 RPM with		1

	1
	1
	1
	1
	1
	1
	1
5 liters capacity	1
	1
	1
Work table preferably complete	60
stainless steel fitted with light,	
Bunsen burner, air blower,	
working stool.	20
Adequate number of lab micro	
motor with attached hand piece	
 M FOR PRE-CLINICAL WORK	
One each for plaster and stone	2
plaster	
	2
	2
	1
	1
	1
	Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool. Adequate number of lab micro motor with attached hand piece M FOR PRE-CLINICAL WORK One each for plaster and stone

DEPARTMENT: CONSERVATIVE DENTISTRY AND ENDODONTICS

NAME	SPECIFICATIONS	Available
Dental Chairs and Units	As per specification	34
Rubber dam kits		6
Restorative instruments kits		10
R.C.T. instrument kits		10
Autoclaves	Having wet and dry cycle, which can achieve	3
	135°C with minimum capacity of 20 liters	
Ultrasonic cleaner	Minimum capacity 13 liters with mesh	2
	bucket	
Needle burner with syringe		4

cutter		
Amalgamator	With Autoclave proportion, Autoclave	3
	dispenser	
Pulp Tester-Digital		4
Apex Locator		2
Glass bead sterilizers		6
Plaster dispensers		2
Vibrator		2
Intra-oral X-ray Unit	Proper radiation safety	1
Automatic Developer		1
Radiovisiography	RVG with Computer	1
Endo motor	With torque control Hps	3
Bleaching unit		1
Magnification loops		2
Injectable gutta percha		3
CAD CAM		1(Optional)
PHANTOM LAB UNIT	Phantom Table fitted with Halogen	60
	Operating Light Phantom Head body type	
	neck joint for all the movement, TMJ	
	movement. Modular with Air rotor, Micro	
	motor with contra angle Hps, 3-way	
	syringe, jaw with ivorine teeth, preferably	
	soft gingival, dental operator's stool (not	
	to use extracted or cadaver teeth).	

DEPARTMENT: ORAL PATHOLOGY AND ORAL MICROBIOLOGY

NAME	SPECIFICATIONS	Available
Dental Chairs and Units	With shadowless lamp, spittoon, 3 way	2
	syringe, instrument tray and suction	
Slides		100
Slides Boxes		4
Microscopes		50
Microtome		1
Wax bath		1
Water bath		1
Knife sharpner		1
Hot plate		1
Spencer knife		1
Adequate slides projection		1
system		

DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

A) EXODONTIA

NAME	SPECIFICATIONS	Available
Dental Chairs and Units	As per specification	25
Autoclaves	Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	4
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2
Needle burner with syringe cutter		8
Extraction forceps sets	Complete set	20
Dental elevators	Complete set	10
Minor Oral surgery kits		6
Emergency drugs tray		2
X-ray viewers		2
Pulse Oxymeter		2
BP appartus		2
Stethoscope		2
Thermometer		2
Glucometer		1
Oxygen cylinder		2
Oxygen mask adult		2
Oxygen mask Pedo		2
Impaction kit		3
Lab micromotor with handpiece		3
Trauma kit		1
High volume suction		2
Surgical straight hand piece		4
B) MINOR SURGERY		
Dental Chairs and Units		5

DEPARTMENT: PERIODONTOLOGY

NAME	SPECIFICATIONS	Available
Dental Chairs and Units	Atleast 50% of the units should have the Ultrasonic scaler with high volume suction.	34
	Note: Atleast 25% of the units should have the	

	Airpolisher.	
Surgical instrument sets		6
Autoclave	Having wet and dry cycle, which can achieve	3
	135°C with minimum capacity of 20 liters	
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2
Electro surgical cautery		1
Needle burner with syringe		4
cutter		
Laser	Soft tissue laser	1
Physio dispenser with implant		1
kit		
X-ray Viewer (Extra Oral)		2
Hand scaler Supra gingival	Set of 8	10
Hand scaler Sub gingival	Set of 6	10
Set of curettes	Set of 12	2
Electro cauttery Kit		1
Periodontal Surgical		3
Kit		

DEPARTMENT: ORTHODONTICS

NAME	SPECIFICATIONS	Available
Dental Chairs and Units	As per specification	18
Unit mount scaler		5
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2
ORTHO LAB		
Plaster dispenser	One each for plaster and stone plaster	2
Vibrator		2
Model Trimmer		2
Micromotor –	heavy duty	4
Lathe		2
X-ray viewers		2
OPG with cephalostat	If available in radiology its is adequate.	1
Welders		4
Blue Torch		1
Base Formers		4
Typodont		4

Set of Pliers		10	
Welder with soldering attachments		1	
Hydro solder		1	
Typhodont articulator	With metal teeth wax rim of Class I, II, III	4	
Pressure moulding machine		1	
Soldering torch		1	
Spot Welder		1	

DEPARTMENT: PAEDIATRIC AND PREVENTIVE DENTISTRY

AME SPECIFICATIONS		Available	
Dental Chairs and Units	· ·		
	(Pedo chair preferred with micro head hand		
	pieces)		
Autoclaves	Having wet and dry cycle, which can achieve	2	
	135°C with minimum capacity of 20 liters.		
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket	2	
	with digital timer		
Needle Burner with syringe		3	
cutter			
Amalgamator		1	
Pulp Tester-Digital		1	
Rubber dam kit for pedo		5	
Apex locator		1	
Endo motor	With torque control HPs	1	
Injectable gutta percha with		1	
condensation			
Radiovisiography	Digital intra X-ray system with pedo sensor	1	
	and software		
Intra Oral Camera	With high resolution	1	
Scaling instruments		10	
Restorative instruments		10	
Extraction forceps	Pedo Forceps complete sets	10	
Intra-oral X-ray		1	
RCT Instruments Kits		5	
Automatic Developer		1	
	PEDO LAB		
Plaster dispenser	One each for plaster and stone plaster 2		
Model Trimmer	With diamond disc		
Model Trimmer	With Carborandum disc 1		
Welder with soldering		1	

attachments		
Vibrator		2
Lab micro motor	Heavy duty with Hps	3
Dental Lathe		1
Steam cleaner		1
Pressure moulding machine		1

DEPARTMENT: ORAL MEDICINE AND RADIOLOGY.

NAME	SPECIFICATIONS	Available
Dental Chairs and Units	As per specification	12
Panoramic X-Ray with Cephalometric	Preferably digital AERB Certified	1
Intra Oral X-ray Unit	AERB Certified	3
Pulp testers	Digital	3
Automatic periapical X-ray Developer		1
Automatic Panoramic with Cephalometric X-ray Developer		1
X-ray viewer	For Panoramic and Cephalometric films	2
Radiovisiography with Intra Oral Camera	Digital Intra X-ray System with one Sensor and Software	1
General X-ray Unit		1
Automatic Developers/Dark Room	AERB Criteria	1
Lead Aprons		2
Lead Gloves		2
Lead collar		2
X-ray Hangers		6
Diagnostic Kits	Mouth mirror, dental probe, college tweezers	40
Lead Screen		1
Biopsy Kit		1
Autoclave	Having wet and dry cycle, which can achieve 1350C with minimum capacity of 20 liters	2
Needle Burner with Syringe Cutter		2
СВСТ	AERB Certified, capturing the complete image in less than 30 sec.	1(Optional)
Diagnostic kit		25

Biopsy Kit	2
Sailography equipment &	1
Kit	

DEPARTMENT: PUBLIC HEALTH DENTISTRY

NAME	SPECIFICATIONS	Available	
Dental Chairs and Units	As per specification	16	
Autoclaves	Having wet and dry cycle, which can achieve	2	
	135°C with minimum capacity of 20 liters.		
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket	2	
	with digital timer		
Needle burner with syringe		4	
cutter			
MOBILE CLINIC			
Mobile dental van	Mobile dental van with two dental chairs with all		
	the attachments and adequate sitting space for		
	15 to 20 people		
Dental chair with unit	Hydraulically operated with spittoon attachment,		
	halogen light with 2 intensity, air ventury suction,		
	airrotor, micromotor, 3 way-scaler and light cure,		
	x-ray viewer, instrument tray, operating stool.		
Autoclaves	Having wet and dry cycle, which can achieve	1	
	135°C with minimum capacity of 20 liters.		
Intraoral x-ray	Portable	1	
Glass bead sterilizers		1	
Compressor	1.25HP	1	
Metal Cabinet	With wash basin	1	
Portable dental chair	Suitcase unit with airrotor, micromotor, scaler	2	
	and compressor 0.25HP		
Stabilizer	4KV	1	
Generator	4KV	1	
Water tank	400ltrs	1	
Oxygen cylinder		1	
Public address system		1	
TV and video cassette player		1	

Demonstration models		5
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DEPARTMENT:

DENTAL ANATOMY, EMBRYOLOGY, ORAL HISTOLOGY AND ORAL PATHOLOGY

NAME	SPECIFICATIONS	Available
Microscope		50
Television	With USB port For displaying slide	1
Teaching slides set with box		3 Sets (with minimum of 55 slides in each set)
Education models & dental developmental set (Nissan like model)		3
Histopathology Room		
Microtome	Manual/automatic	1
Wax Bath		1
Water Bath		1
Knife Sharpener		1
Spencer Knife		1
Disposable Blade		1set
Hot Air Oven		1
Organic Tissue Capsule	Small	2
Distilled Water Plant		1
Diamond Tip Pencil		1
Glass Dropper Bottle		5
Glass Bottle With Lid		5
Wide Mouth Bottles		5
Glass Funnel		5
Glass Pipette		5

Glass Measuring Jar		5
Petri Dish 4" Glass		5
L Blocks		3
Loop Holder		3
Magnifying Glass		1
Toothed Forceps		5
Plastic Dropper		5
Petri Dish 50mm Glass		5
Gas burner/Spirit Lamp		1
Processing Bottles		5
Slide Warming Table		1
Slide Drying Tray		1
Slide Carrying Tray		1
Staining Basket SS		1
Staining Trough SS	Stainless steel	1
Staining Trough Glass		1
Slide Staining Rack SS	Stainless steel	1
Slide Box		1
Slides Storage Cabinet		1

Wax Block Storing Cupboard		1
Stop Watch		1
	With all attachments	1
Microscope –Trinocular		
Colour Printer		1
Desktop Computer		1

DEPARTMENT OF ANATOMY

Name	Specification	Available
Dissection table –	LARGE TABLE	4- Large
Stainless-Steel tables with	71 inches length	4- Small
drainage for cadavers dissection	22 inches breadth	
	36 inches height	
	SMALL TABLE	
	35 Inches Length	
	22 inches Breadth	
	36 inches height	
Educational models		10
Large Storage Tank	1200 lt or 130 sq. feet	1
Small Tank	800 lts	1
Freezer Unit	To store two cadavers	1
Dissection Microscopes		5
Monocular Microscopes		25
Binocular Microscopes		1

Full body skeletal bones	3
Head and neck bones set	5
Complete Human organs specimen set	1

DEPARTMENT OF PHYSIOLOGY

Name	Specification	Available
Microscopes	Monocular	50
Stage Incubator		1
Westergen's Pipettes For E.S.R. on		5 ESR STAND
Stand		10 PIPETTES
Winrobes Pipettes		20
Haemo Giobinometer, Sahli's		50
Haemocytometers		50
Sphygmomanometer		30
Stethoscopes		25
Refrigerator		1
Stop Watches		25
Ph Meter		1
Analytical Balance		1
Centrifuge R4c & R8c		1
Blood Cell Counters		1
Haematocrit Tubes		5
Clinical Thermometers		5
Knee Hammer		5
Spirometer (Ordinary)		3

Mosso's Erograph	1
Opthalmoscope	1
Dynamometer	1
Perimeter	1
Hair Aesthesiometer	2
Bicycle Ergrometer	1
Examination Couches	5
Steriliser	1
Weighing Machine	3
Height Chart	1
Snellen's Chart	1

DEPARTMENT OF BIOCHEMISTRY

Name	Specification	Available
Glass Wares	Test tube/beaker/ measuring cylinder /glass rod/funnel/Amber bottle/plane bottle	For a batch of 50 students
Micro pipettes		5
Water bath		4
Distillation Apparatus		2
Fume Cupboard		1
Balance	for weighing chemicals	3
Fridge	for storage of fine chemicals	1
INSTRUMENT ROOM		

Colorimeter	For quantitative analysis	5
Microscopes		5
Electrophoretic Apparatus		2
Urinometer		20
Centrifuge	for sample separation	1
Incubator		1
Hot air oven	for sterilization	2

DEPT OF PHARMACOLOGY

Name	Specification	Available
Beakers	50/100/250/500ml	100 Each
China Dish		50
Conical Flask		5
Funnel	50/65/75 mm	25 each
Glass Rod Medium/Small		100
Measuring Cylinder	5/10/25/50/100ml	60
Measuring Cylinder 250ml		5
Measuring Cylinder 500ml		2
Mortar and Pestle	Glass& Porcelain	50 each
Pasteur pipette pack of 100		3
Pipette 1 ml		100
Pipette 2ml		50
Pipette 5 ml		25
Reagent bottle with lid – Narrow Mouth	Amber(NMA) 125/250/500 ml	100 each
Reagent bottle with lid –	White(NMW)125/250/500ml	100 each
Narrow Mouth		500ml-50

Reagent bottle with lid –	Amber(WMA) 250ml	50
Wide Mouth		
Reagent bottle with lid –	White(WMW) 125/250/500ml	100 each
Wide Mouth		500ml-50
Test Tubes (Medium)		50
Petri dish		10
Wash Bottle		75
Dropper Bottle		50
Transparent Dispensing Box		50
Dispensing Balance		50
Dispensing Weight box		50
Electronic balance		1
Mechanical pipette		1
Sensitive Balance		1
(Shimadzu)		
Sphygmomanometer		1
Spirit lamp		7
Test Tube Holders		25
Test Tube Stand		25
Water bath		1
Wax paper bundles		5

DEPT OF MICROBIOLOGY

Name	Specification	Available
Microscopes monocular	Examination of micro- organisms for students	50
Microscope binocular	Examination of microorganisms for research	1

	purposes	
Incubator		1
Double Door Refrigerator	Maintaining Cultures	1
Autoclave	Sterilisation	1
(Small)		
Electronic Balance		1
Water Bath		1
Anaerobic Jar		1
Centrifuge		1
Bio Safety Cabinet		1
Hot Air Oven	Sterilisation	1
Hot Plate	Electrical For Heating	1

DEPT OF GENERAL PATHOLOGY

Name	Specification	Available
Test tubes		Adequate number
Glass pipette	1ml,2ml,10ml	25 Each
Conical flask		50
Coupling Jar		25
Wintrobe tubes		20
Dropper bottles		25
Capillary tubes		2 Pack
RBC pipette		60
Glass rods		50
Micropipettes		50
Hemometer pipette		20

INSTRUMENTS	
Microscopes	25
Incubator	1
Centrifuge	1
Hemocytometer	20
Hemometer	20
Water bath	1
Electronic weigh scale	10
Sprit lamp	5
Test tube stand	50
ESR stand	25
Laboratory thermometer	5
Counting chamber	10
Sphygnomanometer	1
Lancets	1Pack
Stethoscope	1
Clinical thermometer	1

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