

**DR.G.D.POL FOUNDATION
YMT AYURVEDIC MEDICAL COLLEGE MEDICAL AND HOSPITAL
KHARGHAR NAVI MUMBAI
INSTRUMENTS AND EQUIPMENTS OPD WISE**

1) KAYACHIKITSA

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipment
1	X-Ray View Box	1
2	BP Apparatus	2
3	Stethoscope.	2
4	Examination Table.	2
5	Thermometer	4
6	Tongue depressor	5
7	Torch.	2
8	Gloves	Available
9	Measuring tape	2
10	Weight and height measuring stand	1
11	Knee Hammer	2

2) Shalya tantra

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Minor OT	Available
2	Instruments for anorectal examination	2
3	Examination Table.	2

4	BP Apparatus	2
5	Thermometer	4
6	Surgical Blades	Available
7	X-Ray Viewing Box	1
8	Stethoscope.	2
9	Cheetle's forceps	Available
10	Torch..	Available

3) Shalaky tantra

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Tuning forks	Available
2	Ophthalmoscope/ fundoscope	2
3	Auroscope	4
4	Examination Table.	2
5	X-Ray Viewing Box	1
6	BP Apparatus	2
7	Stethoscope.	2
8	Thermometer	4
9	ENT kit	Available
10	Torch.	2
11	Bull's lamp	2

4) Prasuti and streerogtantra

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Weighing machine	1
2	Sim's speculum	4
3	Thermometer	4
4	Cusco's speculum	2
5	Examination Table.	1
6	Lamp stand	1
7	Torch.	2
8	X-Ray Viewing Box	1
9	BP Apparatus	2
10	Stethoscope.	2
11	Measuring tape	2

5) Balrog department

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Scale	1
2	Weighing machine	1
3	Torch.	2
4	View Box	1
5	Thermometer	4
6	BP Apparatus	2
7	Stethoscope	Available

8	Examination table	Available
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6) Panchakarma department

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	X-Ray View Box	1
2	BP Apparatus	2
3	Stethoscope.	2
4	Examination Table.	1
5	Thermometer	4
6	Tongue depressor	5
7	Torch.	2
8	Measuring tape	1
9	Weight and height measuring stand	1
10	Knee Hammer	2
11	Gloves	Available

7) YOGA AND SWASTHARAKSHAN

S.No.	Reagents/Liquids/Others	*Availability
1	Facilities available (Equipment, Instrument, Furniture etc)	Available

8) CAUSALTY

S.No.	Reagents/Liquids/Others	*Availability
1	Facilities available (Equipment, Instrument, Furniture etc)	Available

9) INSTRUMENTS AND EQUIPMENT FOR LABOUR ROOM

S.No.	Equipments, Instruments, Furniture	*Count/Availability of Instruments/Equipments
1	Shadowless Lamp	1
2	Suction Machine (Neonatal)	1
3	Oxygen Cylinder and Mask	1
4	Foetal Toco Cardiograph	1
5	Radiant Warmer	1
6	Phototherapy Unit	1
7	Weighing Machine (Paediatric)	1
8	Patient trolley	2
9	Anaesthesia trolley	1
10	Infantometer	1
11	Vacuum extractor	1
12	Foetal Doppler	1
13	Low cavity forceps	1
14	Steriliser	2
15	Macintosh rubber sheet	Available
16	Catguts and Thread	Available
17	Instruments for labour and Episiotomy (Scissors, forceps, needle, holder etc.)	Available
18	Baby tray	2
19	HIV kit for emergency patients	Available
20	Plain and Hole towels	Available
21	Nebuliser	1

22	Foetoscope	5
23	Autoclave	1
24	Drums	Available
25	Instrumental Trolley	Available
26	OT tables with head up and head low facility	1
27	Pulse Oxymeter	1
28	Resuscitation kit	1
29	Boyle's apparatus	2
30	Electrocautery	1
31	MTP Suction Machine	1
32	Anaesthesia Kit	1
33	Blunt and Sharp Curettes	10
34	Dilators set (Hegar's, Hawkins)	5
35	Sim's Speculum	5
36	Anterior Vaginal Wall retractor	5
37	Cysco's Speculum	5
38	Uterine sound	5
39	Volsellum	5
40	MTP Suction Curette	5
41	Needles	Available
42	Needle holders	Available
43	Sponge holding forcep's	5
44	Towel Clips	Available
45	Retractors abdominal (Doyne's etc.)	5
46	Green armytage forceps	5
47	Uterus holding forceps	5

48	Kocher's forceps	5
49	Artery forceps (Long, short, Mosquito)	10
50	Scissors- different sizes	5
51	Forceps obstetrics	5
52	Endotracheal tubes	5
53	B.P. apparatus	2
54	Cord Cutting appliances	5
55	I.U.C.D. removing hook	1
56	Bladder Sound	1

10) SHALYA-INSTRUMENTS AND EQUIPMENTS FOR OPERATION THEATRE

S.No.	Essential Equipments and Instruments	*Count/Availability of Instruments/Equipments
1	Spot light (Shadowless ceiling fitted)	2
2	Needle holding Forceps (big- medium-small)	Available
3	Dressing drums of Assorted size	Available
4	Drum stand	Available
5	IV Stand	5
6	X-ray View Box (double)	3
7	Cheetles Forceps	10
8	Mosquito forceps	15
9	Scissors straight (Tailor)	4
10	Scissors curved of different sizes	10

11	Stich removal scissors	5
12	Dissection forceps	10
13	Sinus Forceps	6
14	Probes - Assorted size	10
15	Pointed scissors	5
16	Abdominal Retractors	6
17	Tissue Forceps	30
18	Bob Kock's Forceps	20
19	Kocher's Forceps	5
20	Urethral Dilators	10
21	Rubber catheters of Assorted size	Available
22	Metal Catheters	2
23	Corrugatedrubber drain	Available
24	Suturing Needle (straight/curved) of Assorted size	Available
25	Surgical Thread	Available
26	Sponge holding forceps	4
27	Right Angle cholecystectomy Forceps	4
28	Stone holding forceps	4
29	Allies Forceps small	31
30	Allies Forceps Big	16
31	Artery Forceps small	9
32	Artery Forceps big	33
33	Artery Forceps Medium	10
34	Sigmoidoscope Rigid/flexible	2

35	Barron Pile's Gun	2
36	Laryngoscope Pediatric/Adult	1
37	Boyles Apparatus	1
38	Multiparameter Monitor	2
39	Ambu Bag	2
40	Suction machine Electrical or Manual	4
41	Emergency power back up facility	Available
42	Emergency light	4
43	Fire Extinguisher	2
44	Skin grafting knife with handle	Available
45	Surgical blades of different size	Available
46	BP Handle of different size	Available
47	Vertical BP Instrument	1
48	Self-Retaining Retractor	Available
49	Bone cutter	2
50	Giggly Saw	2
51	Scoop	Available
52	Periosteum elevator	2
53	Maggler Forceps	Available
54	High Pressure Autoclave	1
55	Fumigator	1
56	Refrigerator	1
57	Nitrous Oxide Cylinder	2
58	Hydraulic Operation Table	3

59	Boyle's Appratus	2
60	Instrument Trolley	Available
61	Endotracheal Tube	Available
62	Proctoscope with or without illumination	7
63	Revolving Stool	Available
64	Gabrial Syringe	1
65	Strecher with trolley	3
66	Needle holder	Available
67	BP Apparatus	Available
68	Suction Machine	Available

11) SHALAKYA OPHTHALMIC INSTRUMENT AND EQUIPMENT FOR OPERATIVE SURGERY

S.No.	Essential Equipments and Instruments	*Count/Availability of Instruments/Equipments
1	Ophthalmic Operation table with Head rest	1
2	Sterilizing box/case with matts	Available
3	Lens insertion Forceps	Available
4	Keratome	Available
5	Desmarres lid retractors	Available
6	Cat-paw lacrimal retractor	Available
7	Mueller lacrimal sac retractor	Available
8	Dastoor iris retractor	Available
9	MeyrhoeferChalazioncurrete	Available

10	Sinsky lens manipulating hook	Available
11	IOL Manipulator	Available
12	Foreign body spud	Available
13	Lewis lens loop (vectis)	Available
14	Cystotome and spoon	Available
15	Mule Evisceration spoon	Available
16	Iris repository (double-ended)	Available
17	Jameson muscle hook	Available
18	Wills cautery with copper ball-point	Available
19	Langs lacrimal sac dissector	Available
20	Kelly Glaucoma punch	Available
21	Elevator (double ended)	Available
22	Nasal speculum adult/child	Available
23	Wilder punctum Dilator	Available
24	Bowman lacrimal probes	Available
25	Hartman mosquito forceps	Available
26	Colibri forceps 1*2 teech	Available
27	Mc. person corneal forceps with tying platform	Available
28	Dressing forceps, serrated	Available
29	Moorfieldconjunctival forceps	Available
30	Fixation forceps	Available
31	Beer cilea (epilation) forceps	Available
32	Arruga capsular forceps	Available
33	SnellenEntropion clamp	Available

34	Chalazion clamps	Available
35	Vannas straight scissors	Available
36	Barraquer needle holder	Available
37	Air injection cannula	Available
38	Healon aspirating cannula	Available
39	AC was cannula	Available
40	Lacrimal cannula	Available
41	Hydrodialysis cannula	Available
42	J-loop cannula (Right/Left With silicon tubing)	Available
43	Simcok direct I/A cannula with silicon tubing	Available
44	Irrigating aspirating handle	Available
45	Lens dialer	Available
46	Superior Rectus forceps	Available
47	Eye wash glasses (for Tarpana Karma)	Available
48	Swimming Goggles (for Tarpana Karma)	Available

12) SHALKYA -ENT OPERATIVE PROCEDURAL INSTRUMENTS

S.No.	Essential Equipments and Instruments	*Count/Availability of Instruments/Equipments
1	Aural Syringe	Available
2	Jobson's Aural Probe	Available
3	Eustachian Catheter	Available
4	Mastoid Retractor	Available

5	Mastoid Gouge	Available
6	Mallet	Available
7	Nasal Foreign Body hook	Available
8	Nasal packing forceps	Available
9	Nasal Snare	Available
10	Bayonet Shaped gouge	Available
11	Walshman's forceps	Available
12	Laryngeal forceps	Available
13	Tongue plate with throat suction	Available
14	Tonsil holding forceps	Available
15	Tonsillar suction	Available
16	Adenoid curette with cage	Available
17	Peritonsillarabcess draining forceps	Available
18	Fuller's Tracheostomy Tube	Available
19	Cheatel's Forceps	Available

13) OTHERS

S.No.	Reagents/Liquids/Others	*Availability
1	Other consumable articles like gloves, syringes, bandages, sutras, etc.	Available

PATHOLOGY DEPARTMENT

<u>S.No</u>	<u>Essential Equipment and Instruments</u>	<u>Count/Availability of Instruments/Equipments</u>
1	Binocular microscope	25
2	X-ray view box	5
3	Sterile disposable lancer/needle	Available
4	Sahli's Square tube	84
5	Hb pipette	84
6	Dropper	84
7	Glass rod	Available
8	WBC Pipette	70
9	Improved Neubauer chamber	70
10	Cover slip	Available
11	Red cell pipette	70
12	Cleaned slides	Available
13	Incubator	02
14	Wintrobe's tube	60
15	Pasteur's pipette	81
16	Centrifuge Graduate machine	03
17	Westergrens pipette	50
18	Rubber teat	Available
19	Westergrens's stand	50
20	Litmus paper	Available
21	pH indicator paper strips	Available
22	Urinometer	57
23	Multi stix	Available
24	Bunsen burner	48
25	Test tube	Available
26	Glass Jars with lid of different sizes	Available
27	Magnifying lens	Available
28	Autoclave	01

29	Water bath	Available
30	Separating funnels of various sizes	Available
31	Stop watch	51
32	Ultraviolet lamp	01
33	Monocular microscope with oil emersion	35

	lens20(e)	
34	Capillary Tubes	Available
35	Hot air oven	01
36	Microscope with oil immersion	35
37	Refrigerators	01
38	Sterile vessels/bottle to collect samples	Available
39	BP Apparatus	50
40	Stethoscope	59
41	Thermometer	50
42	Tongue depressor	103
43	Torch	Available
44	Knee hammer	Available
45	Measuring Tape	Available
46	ENT examination set	Available
47	Reflectors(Mirrors)	Available
48	Weighing machine	01
49	Tuning Forks	Available
50	Nasal speculum	Available
51	Laryngoscope	Available
52	Catheters	Available
53	Probes	Available
54	Physical balance	01
55	Syringe needle destroyer	Available
56	HBs Ag kit	Available
57	HIV kit - Tridot (method by T Mitra)	Available
58	CT and BT kit	Available
59	Cell counter (haemoautoanalyser)	01
60	Renal profile, LET kit, Lipid profile, Blood Sugar kit	Available

LIST OF REAGENTS

1	Chloroform	Available
2	Alcohol.	Available
3	HCL	Available
4	Sulphuric acid	Available
5	Sodium, potassium hydroxide	Available
6	Benedict solution	Available
7	Sodium nitrate	Available

8	Potassium nitrate	Available
9	Citric acid	Available
10	Iodine	Available
11	Ethyl Alcohol	Available
12	Potassium Iodide	Available
13	Xylol/pure xylene (slide preparation)	Available

LIST OF EQUIPMENTS

SR. NO.	NAME	QUANTITY
1	INCUBATOR	1
2	CENTRIFUGE	2
3	NEEDLE BURNER	1
4	CELL COUNTER (SYSMEX XP 100)	1
5	SEMI AUTO ANALYSER (ERBA - CHEM-7)	1
6	MICROSCOPE (LABOMED)	1
7	COMPUTER (HP)	1
8	HP LASER JET1020 PRINTER	1
9	BIOMERIEUX MINIVIDAS	1
10	HOT AIR OVEN	1
11	ROCHE ELECTROLYTE	1
12	NYCO CARD READER	1
13	ROTATOR	1

LIST OF FURNITURE AND ACCESSORIES

SR. NO.	NAME	QUANTITY
1	CUPBOARD	3
2	OFFICE TABLE	1
3	RECEPTION TABLE	1
4	STEEL STOOL	3
5	PLASTIC CHAIR	2
6	ROUND CHAIR	17
7	FAN	9
8	REFRIDGERATOR	2

9	COLLECTION TABLE	2
10	AIR CONDITIONER	1
11	TUBE LIGHTS	11

LIST OF LAB APPARATUS

SR. NO.	NAME	QUANTITY
1	TEST TUBE RACK	3
2	ESR STAND	2
3	ESR TUBE	20
4	TEST TUBE HOLDER	3
5	COVERSLIP BOX	2
6	SLIDE BOX	8
7	TEST TUBE	250
8	CENTRIFUGE TUBE	16
9	BOTTLES SMALL AND LARGE	300
10	TIMER	1
11	CELL COUNTER (DC)	1
12	KIDNEY TRAY	8
13	BOX TRAY	7

LIST OF INSTRUMENT IN RADIOLOGY DEPARTMENT

NO.	MACHINE , TOOLS LIST	MACHINE TOOL NO
	<u>SONOGRAPHY DEPARTMENT</u>	
1	SONOGRAPHY P C SYSTEM UNIT (MONITOR, P C , ONLINE UPS BATTERY , MAUSE , KEY BORD)	1
2	SONOGRAPHHY MACHINE UNIT (MONITOR , CONTROL PANEL , 4 PROBE , ONLINE UPS BATTERY,EPSON PRINTER)	1
3	SONOGRAPHY PATIENT TABLE	1

4	AIR CONDITIONER	1
5	FAN - 1	1
	<u>X - RAY DEPARTMENT</u>	
6	XRAY MACHINE UNIT (CONTROL PANEL , COLLIMATER TUBE , XRAY TABLE)	1
7	DARK ROOM PROCEDURE UNIT - SAFE LIGHT , DEVLOPER (TANK) - 1 , FIXER (TANK) - 1 , RINSER (TANK) - 1 .	1
8	PROCEDURE CASSETTES AND SIZE - 12*12	2
9	PROCEDURE CASSTTE AND SIZE - 12*15	2
10	PROCEDURE HANGER SIZE - 12*12	11
	PROCEDURE HANGER SIZE - 12*15	11
11	VIEW BOX	1
12	AIR CONDITIONER	1

LIST OF INSTRUMENT AND EQUIPMENT IN PHARMACY

SR.NO	INSTRUMENT	QTY
1	Pulveriser	3
2	Pills Making Machine	1
3	Stick Making Machine	1
4	Grinder	2
5	Mass Mixer	1
6	Dryer	1
7	Juice Extractor	1
8	Blower Machine	1
9	Mechanical Sifter	1
10	Weight Machine	2
11	Digital Weight Machine	1
12	Sealing Machine	1
13	Gas Shegadi - Lokhandi	6
14	Gas Cylinder	3
15	Tablet Making Machine	2
16	Electric Khalwa	1
17	Disintegrator	1
18	Electronic Balance	1
19	Double Jacketed SS Pest Kettle	1
20	Capsule Feeling Machine	1
21	Hand Press – Sealing Machine	2
22	Coal Shegadi	1
23	Gas Shegadi – Steel	1
24	Refrigerator	1
25	Computer	1
26	AC (Air Conditioner)	2
27	Dehumidifier	1
28	Grinding machine	1

INSTRUMENT IN QUALITY CONTROL LAB

SR.NO.	NAME OF INSTRUMENT	QUANTITY
1	BUNSEN'S BURNER	1
2	CENTRIFUGE	1
3	DISINTEGRATION APPARATUS	1
4	DISTILLATION APPARATUS	1
5	ELECTRONIC WEIGHING BALANCE(0.001to 200gm)	1

6	FRIABILITY TEST APPARATUS	1
7	HAND HELD REFRACTOMETER	1
8	HARDNESS TESTER	1
9	HEATING MANTLE	1
10	HOT PLATE	2
11	HOT WATER BATH	1
12	MAGNETIC STIRRER	1
13	MELTING POINT APPARATUS	1
14	MICROSCOPE	1
15	MOISTURE BALANCE	1
16	MUFFLE FURNACE	1
17	OVEN	1
18	P ^H METER	1
19	PERCOLATOR	1
20	PYCNOMETER	1
21	ROTAMANTLE (1RML)	1
22	SOXHLET APPARATUS	1
23	SPIRIT LAMP	5
24	TRIPOD STAND	2
25	TLC SET	1