

# **Norms and Standards For 30 bedded Hospital**

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## INTRODUCTION

Employees' State Insurance Corporation is one of the largest umbrella organizations providing medical facilities to about **7.89** crores beneficiaries.

The Employees' State Insurance Scheme provides comprehensive medical care in the form of medical attendance, treatment, drugs and injections, specialists consultation and hospitalization to Insured Persons and also to their dependants.

An Insured Person and his dependants are entitled to medical benefits from the day of entry into insurable employment. Insured Persons and their families are being provided medical care which includes outpatient care/inpatient care, specialized medical care and super speciality care as per requirement of the patient. Besides, medical facilities are also provided under AYUSH i.e. Ayurveda, Yoga, Unani, Siddha and Homeopathy .

Medical care to beneficiaries is provided through a large infrastructure comprising hospitals, dispensaries Annexes, Specialists centres, Model Dispensaries – cum-Diagnostic Centre (MDDC), IMP clinics and arrangements with other health institutions. The range of medical services provided covers preventive, promotive, curative and rehabilitative services. In- patient services are provided through ESI Hospitals and through empanelment with tie-up public and private hospitals.

As expansion of Medical Services, under the scheme is one of the major initiatives, the Up gradation of select dispensaries to 30 bedded setup and equipping the same with latest diagnostic equipment is being considered for implementation..

## **OPD TIMINGS AND WORKING HOURS**

OPD Timings 9.00 a.m. to 4.00 p.m., all working days except Sundays & Holidays (7 hours working in a day for six days a week with half an hour lunch break).

**Emergency Service 24 X 7 hours**

## Manpower Norms

The following requirement is being projected based on assumption of average OPD attendance of 200. Regular evaluation should be done to assess the workload and to assess the staff requirement/revision. Medical officer strength may be increased as per the yardsticks.

Personnel	Number	Qualifications	Remarks
Medical Superintendent	1	Senior most specialist/ GDMO	Will be responsible for Overall Administration of the Hospital
General Surgeon	1	MS/DNB, (General Surgery)	
Physician	1	MD/DNB, (General Medicine)	
Obstetrician & Gynaecologist	1	DGO /MD/DNB	
Paediatrician	1	DCH/MD (Paediatrics)/ DNB	
Anaesthetist	1	MD (Anesthesia)/DNB/ DA	
Eye specialist	1	MS (Ophthalmology)/DO	
Orthopadician	1	MS (Ortho)/ D Ortho	
Dental Surgeon	1	BDS	
General Duty Medical Officer	5	MBBS	
Medical Officer - AYUSH	1	Graduate in AYUSH	
<b>Nurses &amp; Para Medical</b>			
Staff Nurse	24		
Pharmacist	5		
Pharmacist – AYUSH	1		
Lab. Technician	outsourced		
Radiographer	outsourced		One for 60 X-rays in case the services are not outsourced.
Dietician	outsourced		
Ophthalmic Assistant	1		
Dental Assistant	1		
OT Technician	2		
CSSD Technician	2		

Administrative Staff			
Administrative Assistant/Head Clerk	1		
Account Assistant/UDC Cashier	1		
Registration Clerk/UDC	3		
Medical record assistant	2		
Group C Staff			
Nursing Orderly	14		

- **GDMO :** 2 General Duty Medical Officer  
1 – Night Duty  
1 – Evening Duty  
(+)1 – for off duty  
Total 5

• There is increment of GDMO for every increase of 60 patient in OPD

- **Staff Nurse :** As per SIU Norms

Ward	-	05
Casualty	-	03
OPD	-	04
Labour Room	-	01
Injection Room	-	01
OT	-	01
ICU	-	<u>01</u>
	-	16
		+07
		<u>+01</u>
<b>Total</b>		<u>24</u>

There is increment of 7 nurses (45%) for office where services are provided for 365 days in a year and 1 post is added for reserve (10%) as per rule.

- **Nursing Orderly :**

Ward	-	03
Casualty	-	03
OPD	-	01
Labour Room	-	--
Injection Room	-	--
OT	-	01
ICU	-	<u>01</u>
		09
		<u>+05</u> (for round the clock & relieving duty)
<b>Total</b>		<u>14</u>

**Note:**

- House Keeping, Laundry, Biomedical Waste Collection and security may be outsourced.
- Part time staff like Gardener, Water Carrier etc. may be employed as per requirement (When regular is not available).
- Lab services and X-ray should be outsourced and provided in house through Public Private Partnership (PPP) basis. In case lab services are outsourced then lab equipment/manpower for lab will be provided by the agency.
- Emergency services will be Provided by MO, ANM/Staff Nurse and NO.

## ➤ **MEDICAL SERVICES**

- **OPD Services and IPD Services:** General, Medicine, Surgery, Obstetrics & Gynaecology, Paediatrics, Ophthalmological services .
- Dental
- AYUSH service
- Emergency Services
- Coordination with state Govt. in National Health Programmes

Indicative details of services to be provided at the centre.

### **I. Care of Routine and Emergency Cases in Surgery ( minimum services)**

- This includes dressings, incision and drainage, and surgery for Hernia, Hydrocele, Appendicitis, Hemorrhoids, Fistula, and stitching of injuries.
- Handling of emergencies like Intestinal Obstruction, Hemorrhage, etc.
- Other management including nasal packing, tracheotomy, foreign body removal etc.

### **II. Care of Routine and Emergency Cases in Medicine**

- Handling of all emergencies like Dengue Hemorrhagic Fever, Cerebral Malaria and others like Dog & snake bite cases, Poisonings, Congestive Heart Failure, Left Ventricular Failure, Pneumonias, meningoencephalitis, acute respiratory conditions, status epileptics, Burns, Shock, acute dehydration etc.
- Diagnosis and treatment facilities for routine and complicated cases of Malaria, Filariasis, Dengue, Japanese Encephalitis and Kala-azar.
- Geriatric Clinic: twice a week.

### **III. Ophthalmological services .**

- Vision Testing with Vision drum/Vision Charts.
- Refraction
- The early detection of visual impairment and their referral.
- Intraocular pressure measurement by Tonometers.
- Syringing and probing.
- The provision for removal of Foreign Body.
- Provision of Basic services for Diagnosis and treatment of common eye diseases.
- Surgical services including cataract by IOL implantation.



#### IV. Maternal & Child Health

- Minimum 4 ANC check ups including Registration & associated services :

Suggested schedule of antenatal visits is reproduced below:

- **1<sup>st</sup> visit:** Within 12 weeks—preferably as soon as pregnancy is suspected—for registration of pregnancy and first antenatal check-up.
- **2<sup>nd</sup> visit:** Between 14 and 26 weeks
- **3<sup>rd</sup> visit:** Between 28 and 34 weeks
- **4<sup>th</sup> visit:** Between 36 weeks and term

- 24-hour delivery services including normal and assisted deliveries.
- All referred cases of Complications in pregnancy, labour and post-natal period must be adequately treated.
- Ensure post-natal care for 0 & 3<sup>rd</sup> day at the health facility both for the mother and new-born and direction to the ANM/staff nurse for ensuring 7<sup>th</sup> & 42<sup>nd</sup> day post-natal home visits.
- Minimum 48 hours of stay after delivery, 3-7 days stay post delivery for managing Complications.
- Proficiency in identification and Management of all complications including PPH, Eclampsia, Sepsis etc. during PNC.
- Essential and Emergency Obstetric Care including surgical interventions like Caesarean Sections and other medical interventions.
- Various mother and child health scheme as provided by Central/State Govt. from time to time viz Janani Suraksha Yojana (JSY) and Janani Shishu Suraksha Karyakram (JSSK) etc. are to be followed.

#### V. Newborn Care and Child Health

- Essential Newborn Care and Resuscitation by providing Newborn Corner in the Labour Room and Operation Theatre (where caesarean takes place). Details of Newborn Corner given at **Annexure 4**.
- Early initiation of breast feeding with in one hour of birth and promotion of exclusive breast-feeding for 6 months.
- **Newborn Stabilization Unit (Details given at Annexure 5).**
- Counselling on Infant and young child feeding as per IYCF guidelines.
- Routine and emergency care of sick children including Facility based Integrated management of neonatal and childhood illnesses (IMNCI) strategy.
- Full Immunization of infants and children against Vaccine Preventable Diseases and Vitamin-A prophylaxis as per guidelines of Govt. of India (**Annexure 3**). Tracking of vaccination drop outs and left outs.
- Prevention and management of routine childhood diseases, infections and anaemia etc.
- Management of Malnutrition cases.

## VI. Family Planning

- Full range of family planning services including IEC, counselling, provision of Contraceptives, Non Scalpel Vasectomy (NSV), Laparoscopic Sterilization Services and their follow up.
- Safe Abortion Services as per MTP act and Abortion care guidelines of MOHFW.

## VII. AYUSH Services :

- AYUSH based preventive, promotive, curative health care and health education activities including awareness about the uses of medicinal plants and local health practices.

## VIII. Dental Services :

- Dental care and Dental Health education services as well as Root Canal Treatment (RCT) and filling/extraction of tooth in routine and emergency cases.
- Oral Health education in collaboration with other activities e.g. Nutritional education, and adolescent health.

## IX. OTHERS:

- The early detection of cases of hearing impairment and deafness and referral.
- Provision of Basic Diagnosis and treatment services for common ear diseases.
- deliver basic mental health care using limited number of drugs and to provide referral service
- Facilities for early detection and referral of suspected cancer cases.
- Screening for Cervical, Breast & Oral Cancers.
- Education about Breast Self Examination and Oral Self Examination.
- PAP smear for Cancer Cervix

## X. Other National Health Programmes :

- Participation in all National Health Programmes and coordination with the national/State Agency for implementation of these programmes :

- i. Revised National Tuberculosis Control Programme (RNTCP)
- ii. National Leprosy Eradication Programme (NLEP):
- iii. Integrated disease surveillance project (IDSP)
- iv. National Programme for Control of Blindness
- v. National Vector Borne Disease Control Programme (NVBDCP)
- vi. National Aids control programme.
- vii. National programme for prevention and control of deafness (NPPCD).
- viii. National Mental Health Programmes (NMHP)
- ix. National programme for the prevention and control of cancer, diabetes, CVD and stroke. (NPCDCS)
- x. National programme for the prevention and control of fluosis (NPPCF) in affected (Endemic Districts).
- xi. Other national programmes.

**XI. Recording of Vital Events**

- i. Recording and reporting of Vital statistics including births and deaths.
- ii. Maintenance of all the relevant records concerning services provided in the set up.

**XII. Maternal Death Review (MDR)**

Facility Based MDR shall be conducted at the set up.

**XIII. Other Services :**

- Blood Storage Facility
- Referral (transport) services for timely referral of complicated cases.

# List of Lab & Diagnostic Services and Equipment

## List of Diagnostic Services

Sl. No.	Speciality	Diagnostic Services/Tests
<b>I</b>	<b>CLINICAL PATHOLOGY</b>	
	a) Haematology	Haemoglobin estimation
		Total Leucocyte count
		Differential Leucocyte count
		Absolute Eosinophil count
		Reticulocyte count
		Total RBC count
		E.S.R.
		Peripheral Blood Smear
		Malaria/Filaria Parasite
		Platelet count
		Packed Cell volume
		Blood grouping & RH typing
		HIV I & II
		Blood Cross matching
	b) Urine Analysis	Urine for Albumin, Sugar, Deposits, bile salts, bile pigments, acetone, specific gravity, Reaction (pH)
	c) Stool Analysis	Stool for Ovacyst (Eh)
		Hanging drop for V. Cholera
		Occult blood
<b>II</b>	<b>PATHOLOGY</b>	
	a) Sputum	Sputum cytology
<b>III</b>	<b>MICROBIOLOGY</b>	Smear for AFB, KLB
		Grams Stain for Throat swab, sputum etc.
		PAP Smear

Sl. No.	Speciality	Diagnostic Services/Tests
IV	SEROLOGY	VDRL
		Pregnancy test (Urine gravindex)
		WIDAL test
V	BIOCHEMISTRY	Blood Sugar
		Blood urea
		Liver function tests
		Kidney function tests
		Blood lipid profile
VI	CARDIAC INVESTIGATIONS	ECG
		Trop 'T' Kit
VII	OPHTHALMOLOGY	a) Refraction by using Snellen's chart
		Retinoscopy
		Ophthalmoscopy
IX	RADIOLOGY	a) X ray for Chest, Skull, Spine, Abdomen, bones
		b) Dental X ray
		c) Ultrasonography (Desirable)

### Physical Structure for Laboratory at

Sl. No.	Item	No. at CHC Level
1	Marble/Stone Table Top for Platform	1
2	Wash-basins (Steel/Porcelain)	1
3	Water Taps	1
4	Electric Fittings	As per requirement
5	Office Table	1
6	Office Chairs	3
7	Revolving Stools	2
8	Almirah (Steel/Wooden)	1
9	Wooden/Steel Racks	1

## Laboratory Equipment

1. Semiautomatic Biochemistry Analyzer
  2. Three part Hematology Analyzer (optional) with packs
  3. Calorimeter
  4. Cell Counter - Manual
  5. Hot air oven
  6. Hot Plate
  7. Centrifuge
  7. Binocular Microscope with oil immersion
  8. Lancet
  9. Ice box
  10. Stool transport carrier
  11. Test tube rack
  12. Table top centrifuge
  13. Refrigerator
  14. Spirit lamp
  15. Smear transporting box
  16. Sterile leak proof containers
-

## Laboratory Supplies

- 1 Clean slides
- 2 Slide markers
- 3 Gloves
- 4 Transport medium (Cary Blair) 5 Sterile test tubes
- 6 Plastic vials
- 7 Sterile cotton wool swabs
- 8 Rapid Diagnostic Kit Typhoid
- 9 Rapid test kit for faecal contamination
- 10 Blood culture bottles with broth
- 11 Zeil Neelsen Acid fast stain
- 12 Aluminium Foil
- 13 Cotton
- 14 Sealing material
- 15 Extra plastic vials for

**Lab services and X-Ray should be outsourced and provided in-house through Public Private Partnership (PPP). In case it is outsourced the manpower, material and equipment will be provided by the agency.**

**Validation of reports:** periodic validation of laboratory reports should be done with external agencies for Quality Assurance with Periodic calibration of Laboratory and Dispensary equipment.

## List Of Equipment In Centre

### Standard Surgical Set - I (Instruments)

1	Tray, instrument/dressing with cover, 310 x 200 x 600 mm-ss	1
2	Gloves surgeon, latex sterilizable, size 6	12
3	Gloves surgeon, latex sterilizable, size 6-1/2	12
4	Gloves surgeon, latex sterilizable, size 7	12
5	Gloves surgeon, latex sterilizable, size 7-1/2	12
6	Gloves surgeon, latex sterilizable, size 8	12
7	Forceps, backhaus towel, 130 mm	4
8	Forceps, sponge holding, 228 mm	6
9	Forceps, artery, pean straight, 160 mm, stainless steel	4
10	Forceps hysterectomy, curved, 22.5 mm	4
11	Forceps, hemostatic, halsteads mosquito, straight, 125 mm-ss	6
12	Forceps, tissue, all/is 6x7 teeth, straight, 200 mm-ss	6
13	Forceps, uterine, tenaculum, 280 mm, stainless steel	1
14	Needle holder, mayo, straight, narrow jaw, 175 mm-ss	1
15	knife-handle surgical for minor surgery # 3	1
16	knife-handle surgical for major surgery # 4	1
17	knife-blade surgical, size 11, for minor surgery, pkt of 5	3
18	knife-blade surgical, size 15 for minor surgery, pkt of 5	4
19	knife blade surgical, size 22, for major surgery, pkt of 5	3
20	Needles, suture triangular point, 7.3 cm, pkt of 6	2
21	Needles, suture, round bodied, 3/8 circle No. 12 pkt of 6	2
22	Retractor, abdominal, Deavers, size 3, 2.5 cm x 22.5 cm	1
23	Retactor, double-ended abdominal, Beltouis, set of 2	2
24	Scissors, operating curved mayo-blunt pointed 170 mm	1
25	Retractor abdominal, Balfour 3 blade self-retaining	1
26	Scissors, operating, straight, blunt point, 170 mm	1
27	Scissors, gauze, straight, 230 mm, stainless steel	1



28	Suction tube, 225 mm, size 23 F	1
29	Clamp intestinal, Doyen, curved, 225 mm, stainless steel	2
30	Clamp intestinal, Doyen straight, 225 mm, stainless steel	2
31	Forceps, tissue spring type, 160 mm, stainless steel	2
32	Forceps, tissue spring type, 250 mm, stainless steel.	1
<b>Standard Surgical Set – II (Essential)</b>		
1	Forceps, tissue, 6 x 7 teeth, Thomas-Allis, 200 mm- ss	1
2	Forceps, backhaus towel, 130 mm, stainless steel	4
3	Syringe, anaesthetic (control), 10 ml, luer-glass	1
4	Syringe, hypodermic, 10 ml glass, spare for item 3	4
5	Needles, hypodermic 20G x 1-1/2" box of 12	1
6	Forceps, tissue, spring type, 145 mm, stainless steel	1
7	Forceps, tissue spring type 1 x 2 teeth, Semkins, 250 mm	1
8	Forceps, tissue spring type, 250 mm, stainless steel	1
9	Forceps, hemostat curved mosquito halsteads, 130 mm	6
10	Forceps, artery, straight pean, 160 mm, stainless steel	3
11	Forceps artery, curved pean, 200 mm, stainless steel	1
12	Forceps, tissue, Babcock, 195 mm, stainless steel	2
13	knife handle for minor surgery No. 3	1
14	knife blade for minor surgery No. 10, pkt of 5	8
15	Needle holder, straight narrow-jaw Mayo-Heger, 175 mm	1
16	Needle suture straight, 5.5 mm, triangular point, pkt of 6	2
17	Needle, Mayo, % circle, taper point, size 6, pkt of 6 2	2
18	Catheter urethral Nelaton solid-tip one-eye 14 Fr	1
19	Catheter urethral Nelaton solid-tip one-eye 16 Fr	1
20	Catheter urethral Nelaton solid-tip one-eye 18 Fr	1
21	Forceps uterine tenaculum duplay dbl-cvd, 280 mm	1
22	Uterine elevator (Ranathlbod), stainless steel	1
23	Hook, obstetric, Smellie, stainless steel	1
24	Proctoscope Mcevedy complete with case	1
25	Bowl, sponge, 600 ml, stainless steel	1
26	Retractor abdominal Richardson-Eastman, dbl-ended, set 2	1
27	Retractor abdominal Deaver, 25 mm x 3 cm, stainless steel	1
28	Speculum vaginal bi-valve graves, medium, stainless steel	1
29	Scissors ligature, spencer straight, 130 mm, stainless steel	1
30	Scissors operating straight, 140 mm, blunt/blunt ss	1
31	Scissors operating curved, 170 mm, blunt/blunt ss	2
32	Tray instrument curved, 225 x 125 x 50 mm, stainless steel	1
33	Battery cells for item 24	2
<b>IUD Insertion Kit (Essential)</b>		
1	Setal sterilization tray with cover size 300 x 220 x 70 mm, S/S, Ref IS:3993	1
2	Gloves Surgeon, latex, size 6-1/2 Ref. 4148	6
3	Gloves surgeon latex, size 7-1/2 Ref. 4148	6
4	Bowl, metal sponge, 600 ml, Ref. IS: 5782	1
5	Speculum vaginal bi-valve cusco's graves small ss	1

6	Forceps sponge holding, straight 228 MMH Semken 200 mm	1
7	Sound uterine simpson, 300 mm graduated UB 20 mm	1
8	Forceps uterine tenaculum duplay DBL-CVD, 280 mm	1
9	Forceps tissue - 160 mm	1
10	Anterior vaginal wall retractor stainless	1
11	Torch without batteries	1
12	Gloves surgeon, latex, size 7, Ref: 4148	6
13	Gloves surgeon, latex size 6 Ref. IS: 4148	6
14	Battery dry cell 1.5 V 'D' Type for Item 7 G	1
15	Speculum vaginal bi-valve cusco's/Grea Ves Medium ss	1
16	Forceps artery, straight, Pean, 160 mm	1
17	Scissors operating, straight, 145 mm, Blunt/Blunt	1
18	Forceps uterine vulsellum curved, Museux, 240 mm	1
19	Speculum vaginal double-ended #3	1
<b>Standard Surgical Set – III (Essential)</b>		
	Tray, instrument/dressing with cover, 310 x 195 x 63 mm	1
	Forceps, backhaus towel, 130 mm, stainless steel	4
	Forceps, hemostat, straight, Kelly, 140 mm, stainless steel	4
	Forceps, hemostat, curved, Kelly, 125 mm, stainless steel	2
	Forceps, tissue Allis, 150 mm, stainless steel, 4 x 5 teeth	2
	Knife handle for minor surgery No. 3	1
	Knife blade for minor surgery, size 11, pkt of 5	10
	Needle hypodermic, Luer 22G x 11/4", box of 12	1
	Needle hypodermic, Luer 250G x 3/4", box of 12	1
	Needle, suture straight 5.5 cm, triangular point, pkt of 6	2
	Needle, suture, Mayo circle, taper point No. 6, pkt of 6	2
	Scissors, ligature, angled on flat, 140 mm, stainless steel	1
	Syringe anaesthetic control, Luer - 5 ml, glass	4
	Syringe 5 ml, spare for item 13	4
	Sterilizer, instrument 200 x 100 x 60 mm with burner ss	1
	Syringe, hypodermic, Luer 5 ml, glass	4
	Forceps, sterilizer, Cheatle, 265 mm, stainless steel	1
<b>Normal Delivery Kit (Essential)</b>		
	Trolley, dressing carriage size 76C, long x 46 cm wide and 84 cm high. Ref. IS 4769/1968	1
	Towel, trolley 84 cm x 54 cm	2
	Gown, operation, cotton	1
	Cap. operation, surgeon's 36 x 46 cm	2
	Gauze absorbent non-sterile 200 mm x 6 m as per IS: 171/1985	2
	Tray instrument with cover 450 mm (L) x 300 mm (W) x 80 mm (H)	1
	Macintosh, operation, plastic	2
	Mask, face, surgeon's cap of rear ties: B) Beret type with elastic hem	2
	Towel, glove	3
	Cotton wool absorbent non-sterilize 500 G	2
	Drum, sterilizing cylindrical - 275 mm Dia x 132 mm, ss as per IS: 3831/1979	2
	Table instrument adjustable type with tray ss	1

<b>Standard Surgical Set – IV (Essential)</b>	
Vaccum extractor, Malastrom	1
Forceps obstetric, Wrigley's, 280 mm, stainless steel	1
Forceps, obstetric, Barnes-Neville, with traction, 390 mm	1
Forceps, sponge holding, straight 228 mm, stainless steel	4
Forceps, artery, Spencer-Wells, straight, 180 mm-ss	2
Forceps, artery, Spencer-Wells, straight, 140 mm-ss	2
Holder, needle straight, Mayo-Hegar, 175 mm-ss	1
Scissors, ligature, Spencer, 130 mm, stainless steel	1
Scissors, episiotomy, angular, Braun, 145 mm, stainless steel	1
Forceps, tissue, spring-type, 1 x 2 teeth, 160 mm-ss	1
Forceps, tissue, spring-type, serrated ups, 160 mm-ss	1
Catheter, urethral, rubber, Foley's 14 ER	1
Catheter, urethral, Nelaton, set of five (Fr 12-20) rubber	1
Forceps, backhaus towel -130 mm-ss	4
Speculum, vaginal, Sim's, double-ended # 3-ss	1
Speculum, vaginal, Hamilton-Bailey	1

<b>Standard Surgical Set – V (Essential)</b>	
Forceps, obstetric, Neville-Barnes, W/traction 390 mm	1
Hook, decapitation, Braun, 300 mm, stainless steel	1
Hook, crochet, obstetric 300 mm, Smellie, stainless steel	1
Bone, forceps, Mesnard 280 mm, stainless steel	
Perforator, Smellie, 250 mm, stainless steel	1
Forceps, cranial, Gouss, straight, 295 mm-ss	1
Cranioclast, Braun, stainless steel, 365 mm long	1
Scissors ligature Spencer 130 mm, stainless steel	1
Forceps sponge holding, 22.5 cm straight - ss	1
Forceps, tissue, spring-type, 1 x 2 teeth, 160 mm, stainless steel	1
Forceps, tissue, spring-type, serrated tips, 160 mm-ss	1
Forceps, artery, Spencer-Wells, straight, 180 mm-ss	2
Forceps, artery, Spencer-Wells, straight, 140 mm-ss	2
Forceps, scalp flap, Willet's 190 mm -ss	4
Forceps, Vulsellum, duplay double curved, 280 mm-ss	4
Forceps, Vulsellum, duplay double curved, 240 mm-ss	1
Catheter, urethral, 14 Fr. solid tip, one eye, soft rubber	3
Holder, needle, Mayo-Hegar, narrow jaw, straight, 175 mm-ss	1
Speculum vaginal bi-valve, Cusco-medium, stainless steel	1
Speculum, vaginal sim's double-ended, size # 3-ss	1
Forceps, backhaus towel, 130 mm, stainless steel	4

<b>Standard Surgical Set – VI (Essential)</b>	
Forceps, sponge holding, straight, 225 mm, stainless steel	4
Speculum, vaginal, Sim's double-ended size # 3 - ss	1
Speculum, vaginal, weighted Auvard, 38 x 75 mm blade - ss	1
Forceps, tenaculum, Teale's, 230 mm-ss	3 x 42
Sound, uterine, Simpson, 300 mm with 200 mm graduations	1

Dilator, uterine, double - ended hegar, set of 5 - ss	1
Curette, uterine, sim's blunt, 26 cm x 11 mm size # 4-ss	2
Curette, uterine, sim's sharp, 26 cm x 9 mm size # 3-ss	2
Forceps, artery, Spencer-Well's straight, 140 mm-ss	1
Forceps, tissue, spring-type, serrated tips, 160 mm-ss	1
Forceps, ovum, Krantz, 290 mm, stainless steel	1
<b>Miscellaneous</b>	
NSV Kit	2
Laproscope	1
Nebuliser	1
Peak Expiratory Flow Rate (PEFR) Meter (Desirable)	1
<b>Equipment for Anaesthesia (Essential)</b>	
Face mask, plastic w/rubber cushion & headstrap, set of 4	4
Airway Guedel or Berman, autoclavable rubber, set of 6	2
Laryngoscope, set with infant, child, adolescent blades	3
Catheter, endotracheal w/cuff, rubber set of 4	3
Catheter, urethral, stainless steel, set of 8 in case	2
Forceps, catheter, Magill, adult and child sizes, set of 2	1
Connectors, catheter, straight/curved, 3, 4, 5 mm (set of 6)	3
Cuffs for endotracheal catheters, spare for item 4	4
Breathing tubes, hoses, connectors for item 1, anti-static	4
Valve, inhaler, chrome-plated brass, Y-shape	3
Bag, breathing, self inflating, anti-static rubber, set of 4	2
Vaporiser, halothane, dial setting	2
Vaporiser, ether or methoxyflurane, wick type	2
Intravenous set in box	6
Needle, spinal, stainless set of 4	2
Syringe, anesthetic, control 5 ml Luer mount glass	2
Cells for item 3	2
<b>Equipment for Neo-natal Resuscitation (Essential)</b>	
Catheter, mucus, rubber, open ended tip, size 14Fr	2
Catheter, nasal, rubber, open tip, funnel end, size 8Fr	2
Catheter, endotracheal, open tip, funnel end rubber, 12Fr	3
Stilette, curved, for stiffening tracheal catheter SS	1
Catheter, suction, rubber, size 8Fr	3
Laryngoscope, infant, w/three blades and spare bulbs.	1
Lateral mask, with ventilatory bag, infant size	2
Resuscitator, automatic, basinet type	1
Lamp, ultra-violet (heat source) with floor stand	1
Cells for item 6 (Laryngoscope)	2
Oxygen Cylinders	1
Nasal Prongs	5
Thermometers	5
Infantometer: Measuring range 33-100 cm	2

Stadiometer: Measuring range 60-200 cm	1
Photo therapy Unit	1
Radiant warmers	2
Dextromsticks	100 sticks
Nebulisers/MDI	1
IV Canulas (22 G and 24 G)	100 each
Scalp vein set No. 22 and 24	100 each
Nasogastric tube ( 8,10,12 FG)	20
Oropharyngeal airway (000-4 Guydel size)	
Plastic/disposable syringes including tuberculin	100
IV infusion sets (adult and pediatric)	100

### Materials Kit for Blood Transfusion (Essential)

Bovine albumin 20% testing agent, box of 10 X 5 ml vials	5
Centrifuge, angle head for 6 X 1 5 ml tubes, 240 volt	1
Bath, water, serological, with racks, cover, thermostat, 240 v	1
Pipette, volumetric, set of six 1 ml/2 ml/3 ml/5 ml/10 ml/20 ml	1
Test-tube without rim 75 X 12 mm HRG	12
Test-tube without rim 1 50 X 16 mm, HRG	12
Cuff, sphygmomanometer, set of two sizes – Child/Adult	1
Needle, blood collection disposable, 1 7 g X 1-1/3 box of 100	1
Ball, donor squeeze, rubber, dia, 60 mm	1
Forceps, artery, Spencer-Wells, straight 140 mm, stainless steel	1
Scissors, operating, straight 140 mm, blunt/jpoints, ss	1
CPDA anti-coagulant, pilot bottle 350 mil for collection	20
Microscope, binocular, inclined, 10 X 40 X 100 X magnificent	1
illuminator	1
Slides, microscope, plain 25 X 75 mm, clinical, box of 100	1

### Equipment for Operation Theatre (Essential)

Diathermy machine  
Dressing drum all sizes  
Lamps shadow less:  
    Ceiling lamp  
    Portable type  
Sterilizer  
Suction Apparatus  
Stand with wheel for single basin  
Table operation, hydraulic:  
    Major  
    Minor

Trolley for patients  
Trolley for instruments  
X-ray view box  
Wheel chairs

### Equipment for Labour Room

Aprons rubber  
Cradles baby  
Wheel Chair  
Cabinet Instrument  
Dressing drum  
Shadow less lamps  
Table for  
    Obstetric labour  
    Examination

Trolley for

**Patients**

Dressing

Torch (flash light)

Trays

Vacuum Extractor

Weighing machine baby

Wheel chairs

**Equipment for Radiology**

Aprons lead rubber

Diagnostic X-ray Unit 20 C 7300 m A with automatic device

Dark room

accessories Dark

room timer Film clips

Lead sheets

X-ray view box

X-ray protection screen

X-ray film processing tank

**In case services are outsourced, the equipments / manpower may be arranged by the agency.**

**Immunization Equipment**

As provided by the State under National program

**Cold Boxes (Large & Small):**

Small – one, Large – two

**Vaccine Carriers with Ice packs**

Two per SC (maximum 2 per booth) + 1 for CHC: Transport of vaccines to session sites. For campaign, more vaccine carrier will be required

**Spare ice Pack Box**

8, 25 & 60 ice pack boxes per vaccine carrier, 5L cold box

& 20L cold box respectively

**Room Heater/Cooler** for immunization clinic with electrical fittings

**Thermometers Alcohol (stem) 2**

**AD syringes** AD syringes (0.5 ml & 0.1 ml) - need based

**Reconstitution syringes** Reconstitution syringes (5ml)- need based

Full size steel Almirah for FW Clinic For storage of registers and reports and Logistics

Freeze Tag :Monitoring Freezing of vaccine

Waste disposal twin bucket, hypochlorite solution/bleach

Chair for new staffs proposed-

4 Dustbin with lid-2

Water receptacle-

1 Hub v cutters-2

Computer with Modem with UPS, Printer with Internet connection

Immunization schedule printed on a tin plate Posters/Paintings on key messages

**Records and Reports**

Immunization register-1

Vaccine stock & issue register-

1 Tally sheets

Temperature monitoring registers/chart

AD syringes, Reconstitution syringes, other logistic stock & issue register

Monthly UIP reports

RI Monitoring Chart

Weekly surveillance reports (AFP,

Measles) Serious AEFI reports

Outbreak reports

Tracking Bag and Tickler Box

Refrigerator 3(essential ), 4 (desirable) , one for each ward, one for OT, one for laboratory. NO sharing of the lab refrigerator should be done.

Furniture will be as per 6 bedded set up Norms

## National Immunization Schedule for Infants, Children and Pregnant Women

Immunization programme provides vaccination against seven vaccine preventable diseases

Vaccine	When to give	Dose	Route	Site
<b>For Pregnant Women</b>				
TT-1 & 2	Early in pregnancy and 4 weeks after TT-1* [one dose (booster)* if previously vaccinated within last 3 years]	0.5 ml	Intra-muscular	Upper Arm
TT-Booster	If pregnancy occur within three years of last TT vaccinations*	0.5 ml	Intra-muscular	Upper Arm
<b>For Infants</b>				
BCG	At birth (for institutional deliveries) or along with DPT-1 (upto one year if not given earlier)	0.1 ml (0.05 ml for infant up to 1 month)	Intra-dermal	Left Upper Arm
Hepatitis B- 0	At birth for institutional delivery, preferably within 24 hrs of delivery	0.5 ml	Intra-muscular	Outer Mid-thigh (Antero-lateral side of mid thigh)
OPV – 0	At birth for institutional deliveries within 15 days	2 drops	Oral	Oral
OPV 1, 2 & 3	At 6 weeks, 10 weeks & 14 weeks	2 drops	Oral	Oral
DPT 1, 2 & 3	At 6 weeks, 10 weeks & 14 weeks	0.5 ml	Intra-muscular	Outer Mid-thigh (Antero-lateral side of mid thigh)
Hepatitis B- 1, 2 & 3	At 6 weeks, 10 weeks & 14 weeks	0.5 ml	Intra-muscular	Outer Mid-thigh (Antero-lateral side of mid-thigh)
Measles 1 & 2	At 9-12 months and 16-24 months	0.5 ml	Sub-cutaneous	Right upper Arm
Vitamin-A (1 <sup>st</sup> dose)	At 9 months with measles	1 ml (1 lakh IU)	Oral	Oral
<b>For Children</b>				
DPT booster	16-24 months	0.5 ml	Intra-muscular	Outer Mid-thigh (Antero-lateral side of mid-thigh)
	2 <sup>nd</sup> booster at 5 years of age	0.5 ml	Intra-muscular	Upper Arm
OPV Booster	16-24 months	2 drops	Oral	Oral
JE <sup>A</sup>	16-24 months	0.5 ml	Sub-cutaneous	Upper Arm
Vitamin A (2 <sup>nd</sup> to 9 <sup>th</sup> dose)	2 <sup>nd</sup> dose at 16 months with DPT/OPV booster. 3 <sup>rd</sup> to 9 <sup>th</sup> doses are given at an interval of 6 months interval till 5 years age	2 ml (2 lakh IU)	Oral	Oral
DT Booster	5 years	0.5 ml	Intra-muscular	Upper Arm
TT	10 years & 16 years	0.5 ml	Intra-muscular	Upper Arm

\* TT-2 or Booster dose to be given before 36 weeks of pregnancy.

<sup>A</sup> JE in Selected Districts with high JE disease burden (currently 112 districts)

A fully immunized infant is one who has received BCG, three doses of DPT, three doses of OPV, three doses of Hepatitis B and Measles before one year of age.

Note: The Universal Immunization Programme is dynamic and hence the immunization schedule needs to be updated from time to time.



## Newborn Care Facilities at Centre

Delivery rooms in Operation Theatres (OT) and in Labour rooms are required to have separate resuscitation space and outlets for newborns. Some term infants and most pre-term infants are at greater thermal risk and often require additional personnel (Human Resource), equipment and time to optimize resuscitation. An appropriate resuscitation/stabilization environment should be provided as provision of appropriate temperature for delivery room & resuscitation of high-risk pre-term infants is vital to their stabilization.

### Services at the Corner

This space provides an acceptable environment for most uncomplicated term infants, but may not support the optimal management of newborns who may require referral to higher setup. Services provided in the Newborn Care Corner are:

- ◆ Care at birth.
- ◆ Resuscitation.
- ◆ Provision of warmth.
- ◆ Early initiation of breast feeding.
- ◆ Weighing the neonate.

### Configuration of the Corner

- Clear floor area shall be provided for in the room for newborn corner. It is a space within the labour room, 20-30 sq ft in size, where a radiant warmer will be kept.
- Oxygen, suction machine and simultaneously-accessible electrical outlets shall be provided for the newborn infant in addition to the facilities required for the mother.
- **Clinical procedures:** Standard operating procedures including administration of oxygen, airway suction would be put in place.
- Resuscitation kit should be placed as part of radiant warmer.
- Provision of hand washing and containment of infection control if it is not a part of the delivery room.
- The area should be away from draught of air, and should have power connection for plugging in the radiant warmer.

### Equipment and Consumables Required for the Corner

Item No.	Item Description	Essential	Desirable	Quantity	Installation	Training	Civil	Mechanical	Electrical
1	Open care system: radiant warmer, fixed height, with trolley, drawers, O2-bottles	E		1	X	X	X	X	X
2	Resuscitator (silicone resuscitation bag and mask with reservoir) hand-operated, neonate, 500 ml	E		1		X			
3	Weighing Scale, spring	E		1		X			
4	Pump suction, foot operated	E		1		X			
5	Thermometer, clinical, digital, 32-34 °C	E		2					
6	Light examination, mobile, 220-12 V	E		1	X				X
7	Hub Cutter, syringe	E		1		X			
<b>Consumables</b>									
8	I/V Cannula 24 G, 26 G	E							
9	Extractor, mucus, 20 ml, ster, disp Dee Lee	E							
10	Tube, feeding, CH07, L40 cm, ster, disp	E							
11	Oxygen catheter 8 F, Oxygen Cylinder	E							
12	Sterile Gloves	E							

## Newborn Care Stabilization Unit

### Setting of Stabilization Unit

Centre should have clearly established arrangements for the prompt, safe and effective resuscitation of babies and for the care of babies till stabilized, either in the maternity ward or by safe transfer elsewhere.

### Services at the Stabilization Unit

Centres is not intended to provide any intensive care, a newborn that has problems identified immediately after birth, or who becomes ill subsequently, may have a requirement for one or more of the following services. These should therefore be available to ensure safe care of the baby prior to appropriate transfer:

- ◆ Provision of warmth.
- ◆ Resuscitation.
- ◆ Supportive care including oxygen, drugs, IV fluids.
- ◆ Monitoring of vital signs, including blood pressure.
- ◆ Breast feeding/feeding support.
- ◆ Referral Services.

### Configuration of the Stabilization Unit

- ◆ Stabilization unit should be located within or in close proximity of the emergency ward where sick

and low birth weight newborns and children can be cared.

- ◆ Space of approximately 40-50 sq ft per bed is needed, where 4 radiant warmers will be kept.
- ◆ Provision of hand washing and containment of infection control.

## Human Resource

### Staffing

ONE STAFF NURSE SHOULD PROVIDE COVER FOR NEONATES AND CHILDREN ROUND THE CLOCK. Additional nursing staff may be required for newborn care at the Stabilization Unit. Paediatrician posted will be in charge of the Stabilization Unit.

### Training

Doctors and Nurses posted at Stabilization Unit will undergo Facility based care training.

### Referral Services

Each Unit accepting neonatal and sick child referrals should have, or have access to, an appropriately staffed and equipped transport service.

## Equipment and Consumables Required for the Stabilization Unit

Item No.	Item Description	Essential	Desirable	Quantity	Installation	Training	Civil	Mechanical	Electrical
1	Open care system: radiant warmer, fixed height, with trolley, drawers, O <sub>2</sub> -bottles	E		4	X	X	X	X	X
2	Resuscitator, hand-operated, neonate and child, 500 ml	E		2		X			
3	Laryngoscope set	E		2		X			
4	Scale, baby, electronic, 10 kg <5 kg>	E		1		X			
5	Pump suction, foot operated	E		1		X			
6	Thermometer, clinical, digital, 32-34 C	E		4					
7	Light examination, mobile, 220-12 V	E		4	X				X
8	Hub Cutter, syringe	E		1		X			
<b>Consumables</b>									
9	I/V Cannula 24 G, 26 G	E							
10	Extractor, mucus, 20 ml, ster, disp Dee Lee	E							
11	Tube, feeding, CH07, L40 cm, ster, disp	E							
12	Oxygen cylinder 8 F	E							
13	Sterile Gloves	E							
14	Tube, suction, CH 10, L50 cm, ster, disp	E							
15	Cotton wool, 500 g, roll, non-ster	E							
16	Disinfectant, chlorhexidine, 20%	E							

Capacity Building / Training of Staff

- i. Orientation training of health workers in RCH, Adolescent health services and immunization
- ii. Skill based training to ANM/ Nursing Staff.
- iii. Periodic training of Doctors and para medics through Continuing Medical Education, conferences, skill development trainings.
- iv. All health staff of Dispensary must be trained in IMEP.
- v. There should be provision of induction training for doctors, nursing and paramedical staff.
- vi. Whenever new/higher responsibility is assigned or new equipment/technology is introduced, there must be provision of training.
- vii. There must be mechanism for ensuring quality assurance in trainings by Training feedback and Training effectiveness evaluation.
- viii. Appropriate placement for trained person should be ensured.
- ix. Training of para medics in indenting, forecasting, inventory and store management
- x. Development of protocols for equipment (operation, preventive and breakdown maintenance).

**Note: 1.** Trainings should commensurate with job responsibilities for each category of health personnel.

**Note: 2.** Since ECG machine is envisaged in Dispensary hence lab technician or some other paramedic should be trained in taking ECG.

## Universal Precautions

The universal precautions should be understood and applied by all medical and paramedical staff involved in providing health services. The basic elements include:

- a) Hand washing thoroughly with soap and running water:
  - Before carrying out the procedure.
  - Immediately if gloves are torn and hand is contaminated with blood or other body fluids.
  - Soon after the procedure, with gloves on and again after removing the gloves.
- b) Barrier Precautions: using protective gloves, mask, waterproof aprons and gowns.
- c) Strict asepsis during the operative procedure and cleaning the operative site. Practice the "no touch technique" e.g., any instrument or part of instrument which is to be inserted in the cervical canal must not touch any non-sterile object/ surface prior to insertion.
- d) Decontamination and cleaning of all instruments immediately after each use.
- e) Sterilization/high level disinfection of instruments with meticulous attention.
- f) Appropriate waste disposal.

## Sterilization of instruments

1. Instruments and gloves must be autoclaved
2. In case autoclaving is not possible, the instruments must be fully immersed in water in a covered container and boiled for at least 20 minutes.

## Sterilization of Copper T insertion instruments

- a) Copper T is available in a pre-sterilised pack.
- b) Ensure that the instruments and gloves used for insertion are autoclaved or fully immersed in a covered container and boiled for at least 20 minutes.

## Sterilization and maintenance of MVA equipment

The four basic steps are:

- a) Decontamination of instruments, gloves, cannulae and syringes in 0.5% chlorine solution.
- b) Cleaning in lukewarm water using a detergent.
- c) Sterilisation/High Level Disinfection
- d) Storage and re-assembly of instruments.

The person responsible for cleaning must wear utility gloves.

## List of Drugs

List of the drugs given under is not exhaustive and exclusive but has been provided for delivery of minimum assured services.

### Emergency Obstetric Care Drugs Kit (quantity as per the requirement)

Sl. No.	Name of the Drug/Form	Dosage
1	Halothane BP	Containing 0.01 % w/w thymol IP; 200 ml in each Bottles
2	Atropine Injection IP	Atropine Sulphate IP 600 mg/ml; 02 ml in each ampoule
3	Thiopentone Injection IP	Each vial containing Thiopentone Sodium IP 500 mg ; Capacity of vial 20 ml
4	Bupivacaine Injection IP	Bupivacaine Hydrochloride IP eq. to Bupivaine hydrochloride anhydrous _ 5 mg/ml; 20 ml in each vial
5	Lignocaine Injection IP	Lignocaine Hydrochloride IP 5% w/v; 02 ml in each ampoule
6	Lignocaine Injection IP	Lignocaine Hydrochloride IP 2% w/v; 30 ml in each vial
7	Diazepam Injection IP	Diazepam IP 5 mg/ml; 2 ml in each ampoule
8	Pentazocine Injection IP	Pentazocine Lactate IP eq. to Pentazocine 30 mg/ml; 01 ml in each ampoule
9	Dexamethasone Injection IP	Dexamethasone Sodium Phosphate IP eq. to Dexamethasone Phosphate, 4 mg/ml.; 02 ml in each ampoule
10	Promethazine Injection IP	Promethazine hydrochloride IP, 25 mg/ml; 02 ml in each ampoule
11	Nifedipine Capsules IP	Nifedipine IP 10 mg
12	Dopamine Injection USP	Dopamine Hydrochloride USP 40 mg/ml; 05 ml in each vial

Sl. No.	Name of the Drug/Form	Dosage
13	Digoxin Tablets IP	Digoxin IP 250 mg/tab
14	Methyldopa Tablets IP	Methyldopa IP eq. to Methyldopa anhydrous 250 mg
15	Frusemide Tablets IP	Frusemide IP 40 mg
16	Frusemide Injection IP	Frusemide IP 10 mg/ml; 02 ml in each ampoule
17	Ampicillin Injection IP	Ampicillin Sodium IP eq. to Ampicillin anhydrous 250 mg /vial
18	Gentamycin Injection IP	Gentamycin Sulphate eq. to gentamycin _ 40 mg/ml; 02 ml in each vial
19	Amoxycillin Capsules IP	Amoxycycline Trihydrate IP eq. to amoxycycline 250 mg
20	Norfloxacin Tablets IP	Norfloxacin IP 400 mg
21	Doxycycline Capsules IP	Doxycycline Hydrochloride eq. to Doxycycline 100 mg
22	Metronidazole Tablets IP	Metronidazole IP 400 mg
23	Methylethergometrine Injection IP	Methylethergometrine maleate IP, 0.2 mg /ml; 01 ml in each ampoule
24	Oxytocin Injection IP	Oxytocin IP 5.0 I.U./ml; 02 ml in each ampoule
25	Etofylline BP plus Anhydrous Theophylline IP Combination Injection (As per standards provided)	Etofylline BP 84.7 mg/ml & Theophylline IP eq. to Theophylline anhydrous, _ 25.3 mg/ml; 02 ml in each ampoule
26	Hydrocortisone Acetate Injection IP	Hydrocortisone Acetate IP 25 mg/ml; 02 ml in each vial
27	Salbutamol Tablets IP	Salbutamol sulphate eq. to Salbutamol _ 2 mg
28	Adrenaline Injection IP	0.18% w/v of Adrenaline Tartrate or Adrenaline Tartrate IP eq. to adrenaline _ 1 mg/ml; 01 ml in each ampoule
29	Succinylcholine Injection IP	Succinylcholine Chloride IP 50 mg/ml; _ 10 ml in each vial
30	Ketamine Injection IP	Ketamine Hydrochloride eq. to Ketamine base 10 mg/ml; 10 ml in each vial
31	Diazepam Tablets IP	Diazepam IP 5 mg
32	Vecuronium Bromide Injection (as per standards provided)	Vecuronium Bromide USP 4 mg per ampoule
33	Pancuronium Bromide Injection BP	Pancuronium Bromide BP 2 mg/ml; 02 ml in each ampoules
34	Neostigmine Injection IP	Neostigmine methylsulphate 0.5 mg/ml (??); 01 ml in each ampoule
35	Benzympenicillin Injection IP	Benzympenicillin Sodium IP eq. to Benzympenicillin 300 mg/vial.
36	Fortified Procaine Penicillin Injection IP	Procaine Penicillin IP 300 mg and Benzympenicillin Sodium/Potassium salt IP eq. to Benzympenicillin 60 mg per vial
37	Benzathine Penicillin Injection IP	Benzathine penicillin IP 450 mg _ (6 lakh units)/vial



Sl. No.	Name of the Drug/Form	Dosage
38	Trimethoprim & Sulphamethoxazole Tablets IP	Trimethoprim IP 80 mg/Sulphamethoxazole IP 400 mg
39	Phenoxymethylpenicillin Potassium _ Tablets IP	Phenoxymethylpenicillin Potassium _ 250 mg
40	Fluconazole Tablets _ (as per the standards provided)	Fluconazole USP 150 mg
41	Cloxacillin Injection IP	Cloxacillin Sodium IP 250 mg/vial
42	Metronidazole Injection IP (IV infusion)	Metronidazole IP 5 mg/ml: 100 ml in each bottle
43	Ergometrine Tablets IP	Ergometrine maleate IP 250 mcg
44	Phenytoin Tablets IP	Phenytoin Sodium IP 100 mg
45	Hydroxyprogesterone Injection IP	Hydroxyprogesterone Hexanoate IP _ 250 mg/ml; 02 ml in each vial
46	Norethisterone Acetate Tablets _ (as per the standards provided)	Norethisterone Acetate BP 5 mg
47	Insulin Injection IP	Insulin IP (porcine/bovine/human) _ 40 units/ml; 10 ml in each vial
48	Insulin Zinc Suspension Injection IP	Insulin Zinc Suspension eq. to Insulin _ 40 units/ml; 10 ml in each vial
49	Sodium Bicarbonate Injection IP _ (IV infusion)	Sodium Bicarbonate 7.5 % w/v; 10 ml in each ampoule
50	Magnesium Sulphate Injection IP	Magnesium Sulphate 50% w/v ; 02 ml in each vial
51	Phenytoin Injection BP	Phenytoin Sodium IP 50 mg/ml; 02 ml in each ampoule
52	Oxygen IP	Medical Oxygen in steel or aluminium, cylinder (10 litres water cap).with gas specific PIN system
53	Sodium Chloride Injection IP (I.V. Solution)	Sodium Chloride IP 0.9 % w/v; 500 ml in each bottle/pouch
54	Dextrose Injection IP (I.V.Solution)	Dextrose eq. to Dextrose anhydrous _ 5% w/v
55	Nitrous Oxide Gas IP	Medical Nitrous Oxide B Type in steel or aluminium, Cylinder (10 litres water cap.) with gas specific PIN system
56	Dextran 40 Injection IP (Plasma Volume expander)	Dextrans 10 w/v; 500 ml in each bottle
57	Sterile Water for injections IP	05 ml in each ampoule
58	Infusion Equipment BIS	IV set with hypodermic needle 21 G of 1.5" length
59	Intracath Cannulas for Single use (Intravascular Catheters) BIS	Gauze 18, length 45 mm, Flow rate 90 ml/minute
60	Intracath Cannula for Single use (Intravascular Catheters) BIS	Size 22, Length 25 mm, Flow rate 35 ml/minute
61	Hypodermic Syringe for Single use - 2 ml BP/BIS	Cap. 2 ml + - 1.5%
62	Hypodermic Syringe for Single use - 5 ml BP/BIS	Cap. 5 ml + - 1.5%

Sl. No.	Name of the Drug/Form	Dosage
63	Hypodermic Syringe for Single use - 10 ml BP/BIS	Cap. 10 ml + - 1.5%
64	Hypodermic Syringe for Single use - 50 ml BP/BIS	Cap. 50 ml + - 1.5%
65	Hypodermic Needle for Single use – Gauze 22 BIS	Length, 25 +1/-2
66	Hypodermic Needle for Single use – Gauze 23 BIS	Length, 25 +1/-2
67	Hypodermic Needle for Single use – Gauze 24 BIS	Length, 25 +1/-2
68	Compound Sodium Lactate Injection IP	0.24 % V/V of Lactic Acid (eq. to 0.32% w/v of Sodium Lactate), 0.6 % w/v Sodium Chloride, 0.04 % w/v Potassium Chloride and 0.027 % w/v Calcium Chloride; 500 ml in each bottle/pouch.
69	Surgical Gloves, Sterile BIS	Size 6
70	Surgical Gloves, Sterile BIS	Size 6.5
71	Surgical Gloves, Sterile BIS	Size 7

### Drug Kit for Sick Newborn & Child Care

1	Diazepam Inj. IP	5 mg per ml	Inj. 2 ml Ampoule
2	Inj. Cefotaxime	1 gm	Vial
3	Inj. Cloxacillin	1 gm	Vial
4	Dexamethasone Sodium Phosphate inj. IP	4 mg per ml	Inj. 2 ml ampoule
5	Aminophylline Inj. BP	25 mg per ml	Inj. 10 ml Ampoule
6	Adrenaline Bitartrate Inj. IP	1 mg per ml (1:1000 dilution)	Inj. 1 ml Ampoule
7	Ringer Lactate	500 ml	500 ml plastic pouch
8	Doxycycline Hydrochloride	dispersible	Tablets
9	Vit. K3 (Menadione Inj.) IP	Inj. 10 mg per ml	Inj. 1 ml ampoule
10	Phenytoin	50 mg per ml	Inj. 2 ml Ampoule
11	Dextrose Inj. IP I.V. Solution	5%	Inj. 500 ml plastic pouch
12	Inj. Gentamycin	10 mg/ml	Ampoule
13	Water for injection	2 ml/ 5 ml	Ampoule
14	Inj. Lasix	20 mg/2ml	2 ml Ampoule
15	Inj. Phenobarbitone	100 mg/ml	2 ml Ampoule
16	Inj. Quinine	150 mg/ml	2 ml Ampoule
17	Normal Saline	500 ml	500 mg Plastic pouch
18	Inj. Ampicillin	500 mg/ 5ml	Vial
19	Inj. Chloramphenicol	1 gm/10 ml	Vial
20	Inj. Calcium Gluconate	10%	10 ml Ampoule
21	Ciprofloxacin	100 mg dispersible	Tablet
22	Nebulisable Salbutamol nebusol solution (to be used with nebuliser)		15 ml

23	Inj. Dopamine	200 mg/5 ml	Ampoule
24	Needles	23 G	
25	Disposable Syringe	1 ml/ 2ml/5 ml	

### List of Other Essential Drugs

Sl. No.	Name of the Drug	Route of administration/dosage form	Strength
1	Lignocaine Hydrochloride	Topical Forms	2-5%
2	Acetyl Salicylic Acid	Tablets	75 mg, 100 mg 300 mg 350 mg
3	Ibuprofen	Tablets	200 mg, 400 mg
4	Paracetamol	Injection	150 mg/ml
		Syrup	125 mg/5 ml
		Tablets	500 mg
5	Chloroquine Phosphate	Tablets	150 mg
		Injection	40 mg/ml
		Syrup	50 ml/5 ml
6	Chlorpheniramine Maleate	Tablets	4 mg
7	Prednisolone	Tablets	5 mg, 10 mg
8	Promethazine HCL	Tablets	25 mg
9	Phenobarbitone	Tablets	30 mg, 60 mg
10	Phenytoin Sodium	Capsules or Tablets	50 mg, 100 mg
		Syrup	25 mg/ml
11	Albendazole	Tablets	400 mg
		Suspension	200 mg/ 5 ml
12	Amoxicillin Powder	for suspension	125 mg/5 ml
13	Ciprofloxacin Hydrochloride	Tablets	250 mg, 500 mg
		Suspension	40 +200 mg/5 ml
14	Clotrimazole	Pessaries	100 mg, 200 mg
		Gel	2%
15	Sulfadoxine + Pyrimethamine	Tablets	500 mg + 25 mg
16	Ferrous Salt	Tablets	60 mg
		Oral solution	25 mg
17	Folic Acid	Tablets	1 mg, 5 mg
18	Isosorbide Mononitrate/Dinitrate	Tablets	10 mg, 20 mg
19	Amlodipine	Tablets	2.5 mg, 5 mg, 10 mg
20	Digoxin	Injection	0.25 mg/ml
		Elixir	0.05 mg/ml
21	Benzoic Acid + Salicylic Acid	Ointment or Cream	6% + 3%
22	Miconazole	Ointment or Cream	2%
23	Neomycin + Bacitracin	Ointment	5 mg + 500 IU
24	Silver Sulphadiazine	Cream	1%

Sl. No.	Name of the Drug	Route of administration/dosage form	Strength
25	Benzyl Benzoate	Lotion	25%
26	Acridflavin + Glycerin	Solution	
27	Gentian Violet	Paint	0.5%, 1%
28	Hydrogen Peroxide	Solution	6%
29	Povidone Iodine	Solution	5%, 10%
30	Bleaching Powder	Powder	
31	Potassium Permanganate	Crystals for solution	
32	Aluminium Hydroxide + Magnesium Hydroxide	Tablet	
		Suspension	
33	Domperidone	Tablets	10 mg
		Syrup	1 mg/ml
34	Local Anaesthetic, Astringent and Anti inflammatory Medicine	Ointment /suppository	
35	Dicyclomine Hydrochloride	Tablets	10 mg
		Injection	10 mg/ml
36	Oral Rehydration Salts	Powder for solution	As per IP
37	Ciprofloxacin Hydrochloride	Drops/Ointment	0.3%
38	Tetracycline Hydrochloride	Ointment	1%
39	Alprozolam	Tab	0.25 mg
40	Salbutamol Sulphate	Tablets	4 mg
		Syrup	2 mg/5 ml
		Inhalation	100 mg/dose
41	Glucose	Injection	50% hypertonic
42	Glucose with Sodium Chloride	Injection	5% + 0.9%
43	Ringer Lactate	Injection	
44	Ascorbic Acid	Tablets	100 mg, 500 mg
45	Calcium salts	Tablets	250 mg, 500 mg
46	Multivitamins (As per Schedule V)	Tablets	
47	Atenolol	Tablets	50 mg
48	Fluoxetine	Tablets	20 mg
49	Amitryptiline Hcl	Tablets	25 mg
50	Bisacodyl	Tablets	05 mg
51	Tinidazole	Tablets	300 mg,
52	Daonil	Tablets	5 mg
53	Haloperidol	Tablets	1, 2, 5 mg
54	Sulphacetamide eye drops	Drops	
55	Tab. Metoprolol Hydrochlorthiazide	Tablets	12.5, 25 mg, 100 mg
56	Tab Captopril	Tablets	25 mg
57	Glyceryl Trinitrate Inj.	Inj	
58	Carbamazepine	Tab, syrup	100 mg, 200 mg
59	Tab. Methyldopa	Tablets	250 mg

Sl. No.	Name of the Drug	Route of administration/dosage form	Strength
60	Tab. Enalapril	Tablets	2.5/5mg
61	Atorvastatin Tab	Tablets	10 mg
62	Inj. Streptokinase 15 lac vial Inj. Streptokinase 7.5 lac vial	Inj. Inj.	15 lac vial 7.5 lac vial
63	Inj. Heparin sod. 1000 IU	Inj.	1000 IU
64	Inj. Insulin Regular Insulin Intermediate	Inj. Inj.	
65	Tab. Metformin	Tablets	500 mg
66	Inj. Crocin	Inj.	
67	Inj. Potassium chloride	Inj.	
68	Inj. Buscopan	Inj.	
69	Inj. Duvadilan	Inj.	
70	Inj. Chloramphenicol	Inj.	
71	Inj. Mannitol	Inj.	
72	Inj. Chloroquine	Inj.	
73	Inj. Pethidine	Inj.	
74	Inj. Chlorpromazine	Inj.	
75	Inj. Pheniramine (Avil)	Inj.	
76	Inj. Dextrose (10%)	Inj.	
77	Inj. Salbutamol MDI	Inj.	
78	Inj. Anti Rabies Vaccine	Inj.	1 ml
79	Inj. Anti Rabies Serum	Inj.	
80	Inj. Anti Snake Venom (Polyvalent)	Inj.	10ml

The quantity to be procured as per the requirement only .

## List of Ayurvedic Medicines

1	Sanjivani Vati
2	Godanti Mishran
3	AYUSH-64
4	Lakshmi Vilas Rasa (Naradeeya)
5	Khadiradi Vati
6	Shilajatwadi Louh
7	Swas Kuthara rasa
8	Nagarjunabhra rasa
9	Sarpagandha Mishran
10	Punarnavadi Mandura
11	Karpura rasa
12	Kutajaghan Vati
13	Kamadudha rasa
14	Laghu Sutasekhar rasa
15	Arogyavardhini Vati
16	Shankha Vati
17	Lashunadi Vati
18	Kankayana Vati
19	Agnitundi Vati
20	Vidangadi louh
21	Brahmi Vati
22	Sirashooladi Vajra rasa
23	Chandrakant rasa
24	Smritisagara rasa
25	Kaishora guggulu
26	Simhanad guggulu
27	Yograj guggulu
28	Gokshuradi guggulu
29	Gandhak Rasayan
30	Rajapravartini Vati
31	Triphala guggulu
32	Saptamrit Louh
33	Kanchanara guggulu
34	Ayush Ghutti
35	Talisadi Churna
36	Panchanimba Churna
37	Avipattikara Churna
38	Hingvashtaka Churna
39	Eladi Churna
40	Swadishta Virechan Churna

41	Pushyanuga Churna
42	Dasanasamskara Churna
43	Triphala Churna
44	Balachaturbhadra Churna
45	Trikatu Churna
46	Sringyadi Churna
47	Gojihwadi kwath Churna
48	Phalatrikadi kwath Churna
49	54. Maharasnadi kwath Churna
50	Pashnabhedadi kwath Churna
51	Dasamoola Kwath Churna
52	Eranda paka
53	Haridrakhanda
54	Supari pak
55	Soubhagya Shunthi
56	Brahma Rasayana
57	Balarasayana
58	Chitraka Hareetaki
59	Amritarishta
60	Vasarishta
61	Arjunarishta
62	Lohasava
63	Chandanasava
64	Khadirarishta
65	Kutajarishta
66	Rohitakarishtha
67	Ark ajwain
68	Abhayarishta
69	Saraswatarishta
70	Balarishta
71	Punarnnavasav
72	Lodhrasava
73	Ashokarishta
74	Ashwagandharishta
75	Kumaryasava
76	Dasamoolarishta
77	Ark Shatapushpa (Sounf)
78	Drakshasava
79	Aravindasava
80	Vishagarbha Taila

81	Pinda Taila
82	Eranda Taila
83	Kushtarakshasa Taila
84	Jatyadi Taila/Ghrita
85	Anu Taila
86	Shuddha Sphatika
87	Shuddha Tankan
88	Shankha Bhasma
89	Abhraka Bhasma
90	Shuddha Gairika
91	Jahar mohra Pishti
92	Ashwagandha Churna
93	Amrita (Giloy) Churna
94	Shatavari Churna
95	Mulethi Churna
96	Amla Churna
97	Nagkesar Churna
98	Punannava Churna
99	Dadimashtak Churna
100	Chandraprabha Vati.
101	Dhanwantara Taila
102	Balawagandhadi Taila
103	Mahanarayana Taila

104	Sahacharadi Taila
105	Ksheerabala Taila
106	Kaseesadi Taila
107	Kolakulaththadi Udvarthana Churna
108	Jatamayadi Udvarthana Churna
109	Upanaha Churna
110	Shadpala Ghrita
111	Panchthiktha Guggulu Ghrita
112	Panchagavya Ghrita
113	Madanapippali Churna
114	Saindhava Lavana
115	Madhu
116	Pippali Churna
117	Shuddha Ghrita
118	Trivrit Leha
119	Dashmoola or Ransnadi Kwath Churna
120	Manibhadra Guda
121	Gandharvahastadi Kwath Churna
122	Balaguluchyadi Kwath Churna
123	Aragwadadi Kwath Churna
124	Pure Ghrita
125	icchabhedi Rasa

### List of Unani Medicines

1	Arq-e-Ajeeb
2	Arq-e-Gulab
3	Arq-e-Kasni
4	Arq-e-Mako
5	Barshasha
6	Dawaul Kurkum Kabir
7	Dawaul Misk Motadil Sada
8	Habb-e-Aftimoon
9	Habb-e-Bawasir Damiya
10	Habb-e-Bukhars
11	Habb-e-Dabba-e-Atfal
12	Habb-e-Gule Pista
13	Habb-e-Hamal
14	Habb-e-Hilteet
15	Habb-e-Hindi Qabiz
16	Habb-e-Hindi Sual
17	Habb-e-Hindi Zeeqi

18	Habb-e-Jadwar
19	Habb-e-Jawahir
20	Habb-e-Jund
21	Habb-e-Kabid Naushadri
22	Habb-e-karanjwa
23	Habb-e-Khubsul Hadeed
24	Habb-e-Mubarak
25	Habb-e-Mudirr
26	Habb-e-Mumsik
27	Habb-e-Musaffi
28	Habb-e-Nazfuddam
29	Habb-e-Nazla
30	Habb-e-Nishat
31	Habb-e-Raal
32	Habb-e-Rasaut
33	Habb-e-Shaheeqa
34	Habb-e-Shifa

35	Habb-e-Surfa
36	Habb-e-Tabashir
37	Habb-e-Tankar
38	Habb-e-Tursh Mushtahi
39	Itrifal Shahatra
40	Itrifal Ustukhuddus
41	Itrifal Zamani
42	Jawahir Mohra
43	Jawarish Jalinoos
44	Jawarish Kamooni
45	Jawarish Mastagi
46	Jawarish Tamar Hindi
47	Khamira Gaozaban Sada
48	Khamira Marwareed
49	Kushta Marjan Sada
50	Laoq Katan
51	Laoq Khyarshanbari
52	Laoq Sapistan
53	Majoon Arad Khurma
54	Majoon Dabeedulward
55	Majoon Falasifa
56	Majoon Jograj Gugal
57	Majoon Kundur
58	Majoon Mochras
59	Majoon Muqawwi-e-Reham
60	Majoon Nankhwah
61	Majoon Panbadana
62	Majoon Piyaz
63	Majoon Seer Alwikhani
64	Majoon Suhag Sonth
65	Majoon Suranjan
66	Majoon Ushba
67	Marham Hina
68	Marham Kafoor
69	Marham Kharish
70	Marham Quba
71	Marham Ral Safaid
72	Qurs Aqaqia
73	Qurs Dawaul Shifa
74	Qurs Deedan
75	Qurs Ghafis

76	Qurs Gulnar
77	Qurs Habis
78	Qurs Kafoor
79	Qurs Mulaiyin
80	Qurs Sartan Kafoori
81	Qurs Zaranbad
82	Qurs Ziabetes Khaas
83	Qurs Ziabetes Sada
84	Qurs-e-Afsanteen
85	Qurs-e-Sartan
86	Qutoor-e-Ramad
87	Raughan Baiza-e-Murgh
88	Raughan Bars
89	Raughan Kahu
90	Raughan Kamila
91	Raughan Qaranful
92	Raughan Surkh
93	Raughan Turb
94	Roghan Luboob Saba
95	Roghan Malkangni
96	Roghan Qust
97	Safoof Amla
98	Safoof Chutki
99	Safoof Dama Halidwala
100	Safoof Habis
101	Safoof Muqliyasa
102	Safoof Mustehkam Dandan
103	Safoof Naushadar
104	Safoof Sailan
105	Safoof Teen
106	Sharbat Anjabar
107	Sharbat Buzoori Motadil
108	Sharbat Faulad
109	Sharbat Khaksi
110	Sharbat Sadar
111	Sharbat Toot Siyah
112	Sharbat Zufa
113	Sunoon Mukhrij-e-Rutoobat
114	Tiryag Nazla
115	Tiryag pechish
116	Zuroor-e-Qula



## List of Siddha Medicines

1	Amai otu parpam	For diarrhoea in children and indigestion	33	Iti Vallati	Venereal uncer
2	Amukkarac curanam	For general debility, insomnia	34	Kaiyan Tailam	Cough with expectoration
3	Anna petic centuram	For anaemia	35	Kantaka Racayanam	Skin diseases and urinary infections
4	Antat Tailam	For febrile convulsions	36	Kapa Curak Kutinir	Fevers
5	Appirakac centuram	Diabetes mellitus	37	Karappan Tailam	Eczema
6	Arakkut Tailam	Headache and sinus infection	38	Karunai Ilakam	Piles
7	Arumukac Centuram	Arthritis	39	Kasturik karuppu	Fever, cough, allergic bronchitis
8	Atotataik kuti nir	cough and cold	40	Kauri Cintamanic Centuram	Liver disorders, fever, fistula
9	Atatotai manappaku	cough and cold	41	Kecari Ilakam	Dropsy, amoebic dysentery
10	Atatotai nei	cough and wheeze	42	Kilanelit Tailam	Jaundice, giddiness, neuritis
11	Aya jampirac karpam	anaemia	43	Kilincil Meluku	Cracks on the heel and sole
12	Aya Kantac centuram	aneamia	44	Korocanai mattirai	Sinus, fits
13	Canku parpam	anti allergic	45	Kunkiliya parpam	Urinary infection, white discharge
14	Cantamarutac Centuram	arthritis	46	Kunkumappu Mattirai	Peptic ulcer, habitual constipation
15	Canta cantirotayam	fevers and jaundice	47	Kunkiliya Vennay	External application for piles and scalps
16	Carapunka Vilvati ilakam	nervine tonic	48	Kumak Kutori	Peptic ulcer
17	Cati Campirak Kulampu	Nausea and vomiting	49	Kuntarikat Tailam	Swelling and inflammation
18	Cempu Parpam	peptic ulcer	50	Man Kompup Parpam	Chest pain
19	Cilacattu Parpam	Urinary infection, white discharge	51	Manturati Ataik Kutinir	Anaemia
20	Cilntil Curanam	Diabetes mellitus	52	Mattan Tailam	Ulers, carbuncle and gangrence
21	Ciropara Nivarana Tailam	Headache and sinus	53	Matulai Manappaku	Nausea, vomiting, anaemia
22	Cirra Muttit Tailam	Neuritis, uterine problems	54	Mayanat Tailam	Swelling, inflammation
23	Civanar Amirtam	Anti-allergic, bronchial asthma	55	Mayilirakatic Curanam	Hiccup
24	Comput Tinir	Indigestion, loss of appetite	56	Mekanatak Kulikai	Constipation
25	Cukkut Tailam	Headache and earache	57	Murukkan Vitai Mattirai	Intestinal worms
26	Cuvacakkutori mathiral	Asthma and cough	58	Muttuc cippi Parpam	Diarrhea in children
27	Elastic curanam	Allergy, fever in primary complex	59	Naciroka Nacat Tailam	Nasal problems
28	Ilaku Viamuttit Tailam	Hemiplegia	60	Naka Parpam	Diuretic
29	Impural Ilakam	Bleedings	61	Nantukkal Parpam	Diuretic
30	Impural Vatakam	Blood vomiting	62	Nattai Parpam	Bleeding piles
31	Inicic Curanam	Indigestion, flatulence	63	Nellikai Ilakam	Tonic
32	Iraca Kanti Meluku	Skin infections, venereal infections			

64	Neruncik Kutinir	Diuretic
65	Nilavakaic Curanam	Constipation
66	Nila Vempuk Kutinir	Fever
67	Noccit Tailam	Sinus
68	Omat Tinir	Indigestion
69	Palacancivi mattirai	Fever in children, indigestion
70	Palakarai Parpam	Anti-allergic
71	Panca Lavana Parpam	Hyper acidity
72	Parankip pattaic Curanam	Skin diseases
73	Paankip Pattai Iracayanam	Skin diseases
74	Parankip Pattaip Patankam	Skin diseases
75	Patikara parpam	Urinary infection, stomatitis
76	Pattuk karuppu	DUB, painful menstruation
77	Pavala Parapam	Cough and fever
78	Peranta Parpam No.1	Fits
79	Pinacat tailam	Sinus

80	Pirami Ney	Nervine tonic
81	Piramanta pairavam	Fevers
82	Punkat Tailam	Injury and ulcers
83	Talampu mattirai	Toxic fever
84	Talicati Vatakam	Cough
85	Tayirc Cuntic Curanam	Diarrhea, used as ORS
86	Terran kottai Ilakam	Tonic, used in bleeding piles
87	Tiripalaic Curanam	Styptic and tonic
88	Tipplili Iracayanam	Cough
89	Uluntut Tailam	Musclar atrophy, deafness
90	Vacanta Kucumakaram	Fever, cough, and cold in child
91	Veti Anna Petic Centuram	Dropsy
92	Vilvati Ilakam	Tonic
93	Visnu Cakkaram	Pleurisy
<b>Patent &amp; Proprietary Drug</b>		
1	777 Oil	for Psoriasis

## List of Homeopathy Medicines

Sl. No.	Name of Medicine	Potency
1	Abrotanum	30
2	Abrotanum	200
3	Absinthium	Q
4	Aconite Nap.	6
5	Aconite Nap.	30
6	Aconite Nap.	200
7	Aconite Nap.	1M
8	Actea Racemosa	30
9	Actea Racemosa	200
10	Aesculus Hip	30
11	Aesculus Hip	200
12	Aesculus Hip	1M
13	Agaricus musca.	30
14	Agaricus musca	200
15	Allium cepa	6
16	Allium cepa	30
17	Allium cepa	200
18	Aloe soc.	6
19	Aloe soc.	30
20	Aloe soc.	200

Sl. No.	Name of Medicine	Potency
21	Alumina	30
22	Alumina	200
23	Ammon Carb	30
24	Ammon Carb	200
25	Ammon Mur	30
26	Ammon Mur	200
27	Ammon Phos	30
28	Ammon phos	200
29	Anacardium Ori.	30
30	Anacardium Ori.	200
31	Anacardium Ori.	1M
32	Angustura vera	Q
33	Anthracinum	200
34	Anthracinum	1M
35	Antim Crud	30
36	Antim Crud	200
37	Antim Crud	1M
39	Antimonium Tart	3X
40	Antimonium Tart	6
41	Antimonium Tart	30

Sl. No.	Name of Medicine	Potency
42	Antimonium Tart	200
43	Apis mel	30
44	Apis mel	200
45	Apocynum Can	Q
46	Apocynum Can	30
47	Arg. Met	30
48	Arg Met.	200
49	Arg. Nit.	30
50	Arg. Nit.	200
51	Arnica Mont.	Q
52	Arnica Mont	30
53	Arnica Mont	200
54	Arnica Mont	1M
55	Arsenicum Alb.	6
56	Arsenicum Alb.	30
57	Arsenicum Alb.	200
58	Arsenicum Alb.	1M
59	Aurum Met.	30
60	Aurum Mel.	200
61	Bacillinum	200
62	Bacillinum	1M
63	Badiaga	30
64	Badiaga	200
65	Baptisia Tinct.	Q
66	Baptisia Tinct	30
67	Baryta Carb.	30
68	Baryta Carb.	200
69	Baryta Carb.	1M
70	Baryta Mur.	3X
71	Belladonna	30
72	Belladonna	200
73	Belladonna	1M
74	Bellis Perennis	Q
75	Bellis Perennis	30
76	Benzoic Acid	30
77	Benzoic Acid	200
78	Berberis Vulgaris	Q
79	Berberis Vulgaris	30
80	Berberis Vulgaris	200
81	Blatta Orientalis	Q
82	Blatta Orientalis	30
83	Blumea Odorata	Q
84	Borax	30

Sl. No.	Name of Medicine	Potency
85	Bovista	30
86	Bromium	30
87	Bryonia Alba	3X
88	Bryonia Alba	6
89	Bryonia Alba	30
90	Bryonia Alba	200
91	Bryonia Alba	1M
92	Bufo rana	30
93	Carbo veg	30
94	Carbo veg	200
95	Cactus G.	Q
96	Cactus G.	30
97	Calcarea Carb	30
98	Calcarea Carb	200
99	Calcarea Carb	1M
100	Calcarea Fluor	30
101	Calcarea Fluor	200
102	Calcarea Fluor	1M
103	Calcarea Phos	30
104	Calcarea Phos	200
105	Calcarea Phos	1M
106	Calendula Off	Q
107	Calendula Off	30
108	Calendula Off	200
109	Camphora	6
110	Camphora	200
111	Cannabis Indica	6
112	Cannabis Indica	30
113	Cantharis	Q
114	Cantharis	30
115	Cantharis	200
116	Capsicum	30
117	Capsicum	200
118	Carbo Animalis	30
119	Carbo Animalis	200
120	Carbolic Acid	30
121	Carbolic Acid	200
122	Carduus Mar	Q
123	Carduus Mar	6
124	Carduus Mar	30
125	Carcinosinum	200
126	Carcinosinum	1M
127	Cassia sophera	Q

Sl. No.	Name of Medicine	Potency
128	Caulophyllum	30
129	Caulophyllum	200
130	Causticum	30
131	Causticum	200
132	Causticum	1M
133	Cedron	30
134	Cedron	200
135	Cephalendra Indica	Q
136	Chamomilla	6
137	Chamomilla	30
138	Chamomilla	200
139	Chamomilla	1M
140	Chelidonium	Q
141	Chelidonium	30
142	Chin Off	Q
143	Chin Off	6
144	Chin Off	30
145	Chin Off	200
146	Chininum Ars	3X
147	Chininum Sulph	6
148	Cicuta Virosa	30
149	Cicuta Virosa	200
150	Cina	Q
151	Cina	3X
152	Cina	6
153	Cina	30
154	Cina	200
155	Coca	200
156	Cocculus Indicus	6
157	Cocculus Indicus	30
158	Coffea Cruda	30
159	Coffea Cruda	200
160	Colchicum	30
161	Colchicum	200
162	Colocynthis	6
163	Colocynthis	30
164	Colocynthis	200
165	Crataegus Oxy	Q
166	Crataegus Oxy	3X
167	Crataegus Oxy	30
168	Crataegus Oxy	200
169	Crotalus Horridus	200
170	Croton Tig.	6

Sl. No.	Name of Medicine	Potency
171	Croton Tig.	30
172	Condurango	30
173	Condurango	200
174	Cuprum met.	30
175	Cuprum met.	200
176	Cynodon Dactylon	Q
177	Cynodon Dactylon	3X
178	Cynodon Dactylon	30
179	Digitalis	Q
180	Digitalis	30
181	Digitalis	200
182	Dioscorea	30
183	Dioscorea	200
184	Diphtherinum	200
185	Drosera	30
186	Drosera	200
187	Dulcamara	30
188	Dulcamara	200
189	Echinacea	Q
190	Echinacea	30
191	Equisetum	30
192	Equisetum	200
193	Eupatorium Perf.	3X
194	Eupatorium Perf.	30
195	Eupatorium Perf.	200
196	Euphrasia	Q
197	Euphrasia	30
198	Euphrasia	200
199	Ferrum Met.	200
200	Flouric Acid	200
201	Formica Rufa	6
202	Formica Rufa	30
203	Gelsimium	3X
204	Gelsimium	6
205	Gelsimium	30
206	Gelsimium	200
207	Gelsimium	1M
208	Gentiana Chirata	6
209	Glonoine	30
210	Glonoine	200
211	Graphites	30
212	Graphites	200
213	Graphites	1M

Sl. No.	Name of Medicine	Potency
214	Guaiacum	6
215	Guaiacum	200
216	Hamamelis Vir	Q
217	Hamamelis Vir	6
218	Hamamelis Vir	200
219	Helleborus	6
220	Helleborus	30
221	Hepar Sulph	6
222	Hepar Sulph	30
223	Hepar Sulph	200
224	Hepar Sulph	1M
225	Hippozaenium	6
226	Hydrastis	Q
227	Hydrocotyle As.	Q
228	Hydrocotyle As.	3X
229	Hyocyamus	200
230	Hypericum	Q
231	Hypericum	30
232	Hypericum	200
233	Hypericum	1M
234	Ignatia	30
235	Ignatia	200
236	Ignatia	1M
237	Iodium	30
238	Iodium	200
239	Iodium	1M
240	Ipecacuanha	Q
241	Ipecacuanha	3X
242	Ipecacuanha	6
243	Ipecacuanha	30
244	Ipecacuanha	200
245	Iris Tenax	6
246	Iris Vericolor	30
247	Iris Vericolor	200
248	Jonosia Ashoka	Q
249	Justicia Adhatoda	Q
250	Kali Bromatum	3X
251	Kali Carb	30
252	Kali Carb	200
253	Kali Carb	1M
254	Kali Cyanatum	30
255	Kali Cyanatum	200
256	Kali lod	30

Sl. No.	Name of Medicine	Potency
257	Kali lopd	200
258	Kali Mur	30
259	Kali Mur	200
260	Kal Sulph	30
261	Kalmia Latifolium	30
262	Kalmia Latifolium	200
263	Kalmia Latifolium	1M
264	Kreosotum	Q
265	Kreosotum	30
266	Kreosotum	200
267	Lae Defloratum	30
268	Lae Defloratum	200
269	Lac Defloratum	1M
270	Lac Can	30
271	Lac Can	200
272	Lachesis	30
273	Lachesis	200
274	Lachesis	1M
275	Lapis Albus	3X
276	Lapis Albus	30
277	Ledum Pal	30
278	Ledum Pal	200
279	Ledum Pal	1M
280	Lillium Tig.	30
281	Lillium Tig.	200
282	Lillium Tig.	1M
283	Lobella inflata	Q
284	Lobella inflata	30
285	Lycopodium	30
286	Lycopodium	200
287	Lycopodium	1M
288	Lyssin	200
289	Lyssin	1M
290	Mag. Carb	30
291	Mag. Carb	200
292	Mag Phos	30
293	Mag Phos	200
294	Mag Phos	1M
295	Medorrhinum	200
296	Medorrhinum	1M
297	Merc Cor	6
298	Merc Cor	30
299	Merc Cor	200

Sl. No.	Name of Medicine	Potency
300	Merc Sol	6
301	Merc Sol	30
302	Merc Sol	200
303	Merc Sol	1m
304	Mezerium	30
305	Mezerium	200
306	Millefolium	Q
307	Millefolium	30
308	Muriatic Acid	30
309	Muriatic Acid	200
310	Murex	30
311	Murex	200
312	Mygale	30
313	Naja Tri	30
314	Naja Tri	200
315	Natrum Ars	30
316	Natrum Ars	200
317	Natrum Carb	30
318	Natrum Carb	200
319	Natrum Carb	1M
320	Natrum Mur	6
321	Natrum Mur	30
322	Natrum Mur	200
323	Natrum Mur	1M
324	Natrum Phos	30
325	Natrum Sulph	30
326	Natrum Sulph	200
327	Natrum Sulph	1M
328	Nitric Acid	30
329	Nitric Acid	200
330	Nitric Acid	1M
331	Nux Vomica	6
332	Nux Vomica	30
333	Nux Vomica	200
334	Nux Vomica	1M
335	Nyctenthus Arbor	Q
336	Ocimum Sanctum	Q
337	Oleander	6
338	Petroleum	30
339	Petroleum	200
340	Petroleum	1M
341	Phosphoric Acid	Q
342	Phosphoric Acid	30

Sl. No.	Name of Medicine	Potency
343	Phosphoric Acid	200
344	Phosphoric Acid	1M
345	Phosphorus	30
346	Phosphorus	200
347	Phosphorus	1M
348	Physostigma	30
349	Physostigma	200
350	Plantago Major	Q
351	Plantago Major	6
352	Plantago Major	30
353	Platina	200
354	Platina	1M
355	Plumbum Met	200
356	Plumbum Met	1M
357	Podophyllum	6
358	Podophyllum	30
359	Podophyllum	200
360	Prunus Spinosa	6
361	Psorinum	200
362	Psorinum	1M
363	Pulsatilla	30
364	Pulsatilla	200
365	Pulsatilla	1M
366	Pyrogenium	200
367	Pyrogenium	1M
368	Ranunculus bulbosus	30
369	Ranunculus bulbosus	200
370	Ranunculus repens	6
371	Ranunculus repens	30
372	Ratanhia	6
373	Ratanhia	30
374	Rauwolfia serpentina	Q
375	Rauwolfia serpentina	6
376	Rauwolfia serpentina	30
377	Rhododendron	30
378	Rhododendron	200
379	Rhus tox	3X
380	Rhus tox	6
381	Rhus tox	30
382	Rhus tox	200
383	Rhus tox	1M
384	Robinia	6
385	Robinia	30

Sl. No.	Name of Medicine	Potency
386	Rumex crispus	6
387	Rumex crispus	30
388	Ruta gr	30
389	Ruta gr	200
390	Sabal serreulata	Q
391	Sabal serreulata	6
392	Sabina	3X
393	Sabina	6
394	Sabina	30
395	Sang.can	30
396	Sang.can	200
397	Sarsapilla	6
398	Sarsapilla	30
399	Secalecor	30
400	Secalecor	200
401	Selenium	30
402	Selenium	200
403	Senecio aureus	6
404	Sepia	30
405	Sepia	200
406	Sepia	1M
407	Silicea	30
408	Silicea	200
409	Silicea	1M
410	Spigellia	30
411	Spongia tosta	6
412	Spongia tosta	30
413	Spongia tosta	200
414	Stannum	30
415	Stannum	200
416	Staphisagria	30
417	Staphisagria	200
418	Staphisagria	1M
419	Sticta pulmonaria	6
420	Sticta pulmonaria	30
421	Stramonium	30
422	Stramonium	200
423	Sulphur	30
424	Sulphur	200

Sl. No.	Name of Medicine	Potency
425	Sulphur	1M
426	Sulphuric acid	6
427	Sulphuric acid	30
428	Syphilinum	200
429	Syphilinum	1M
430	Tabacum	30
431	Tabacum	200
432	Tarentula cubensis	6
433	Tarentula cubensis	30
434	Tellurium	6
435	Tellurium	30
436	Terebinthina	6
437	Terebinthina	30
438	Terminalia arjuna	Q
439	Terminalia arjuna	3X
440	Terminalia arjuna	6
441	Thuja occidentalis	Q
442	Thuja occidentalis	30
443	Thuja occidentalis	200
444	Thuja occidentalis	1M
445	Thyroidinum	200
446	Thyroidinum	1M
447	Tuberculinum bov	200
448	Uran.Nit	3X
449	Urtica urens	Q
450	Urtica urens	6
451	Ustilago	6
452	Verat alb	6
453	Viburnan opulus	6
454	Viburnan opulus	30
455	Viburnan opulus	200
456	Vipera tor	200
457	Vipera tor	1M
458	Verat viride	30
459	Verat viride	200
460	Viscum album	6
461	Wyethia	6
462	Wyethia	30
463	Wyethia	200

Sl. No.	Name of Medicine	Potency
464	Zinc met	200
465	Zinc met	1M
466	Zink phos	200
467	Zink phos	1M
468	Globules	20 no.
469	Sugar of milk	
470	Glass Piles	5 ml
471	Glass Piles	10 ml
472	Butter Paper	
473	Blank Sticker Ointments	1/2*3/2 inch
474	Aesculus Hip	

Sl. No.	Name of Medicine	Potency
475	Arnica	
476	Calendula	
477	Cantharis	
478	Hamamelis Vir	
479	Rhus tox	
480	Twelve Biochemic Medicines	6x & 12x
481	Cineraria Eye Drop	
482	Euphrasia Eye Drop	
483	Mullein Oil ( Ear Drop )	

Ayush medicines stock to be maintained only if physician is available.



## NORMS FOR THE PROVISION OF AMBULANCE VANS UNDER ESI SCHEME

Preference may be given to making contractual arrangement of ambulances wherever possible.

Ambulance vans may be provided to Dispensaries and Emergency Centres catering to areas having different strengths of Insured Persons.

Ambulance Vans may be provided as below:

- |   |   |
|---|---|
| • For a centre having up to 10,000 Insured Persons                  | - One small ambulance   |
| • For a centre having up to 10,000 30,000 Insured Persons           | - One BLS big ambulance   |
| • For a centre having up to 30,000 60,000 Insured Persons           | - Two ambulances (one BLS)  |
| • For a centre having up to 60,000 1,00,000 or more Insured Persons | - One additional ALS ambulance be provided for every 50,000 Insured Persons or part thereof |

In case of areas having lesser number of IPs arrangements for ambulances should be made with other organizations like District Hospitals, Municipal Hospitals and Red Cross Society etc. Contractual arrangements may be made with private parties, in areas where own ambulance is not available and arrangement with other organizations is not possible.

For isolated centres where the number of Insured Persons is 2,000 or so and if there is need for an ambulance, the Director General is authorized to sanction a smaller ambulance or a jeep type vehicle in relaxation of the above norms.

**Note:** In case requirement of ambulance is more than those mentioned above, contractual arrangement may be entered into. Alternatively, a State Government can only make contractual arrangement for transportation of patients without purchasing any regular ambulance. In any case, speedy transport of patients must be ensured.

### Quality of Service Should be Maintained at all Levels

**Standard Treatment protocol** is the "Heart" of quality and cost of care. Standard treatment protocol for all common diseases should be made available.

**Diet:** Diet may either be outsourced. It should be healthy, nutritious and full of minerals and vitamins.

**CSSD:** Adequate space and standard procedures for sterilization and Sterile storage should be available. A protocol for quality assurance of CSSD may be developed and implemented to ensure sterilization quality.

#### Laundry

- **Storage:** Separate for dirty linen and clean linen.
- Outsourcing is recommended after treatment of infected and non-infected linen.

**Services:** Maintenance of Electricity/telephones/water supply/civil engineering etc. may be outsourced.

**Blood Storage Units:** As per the Govt. of India guidelines.

**Waste Disposal:** "A central storage point should be made for bio-medical waste collected from all locations of the centre and it should be located away from IPD and OPD".

### Patient Safety and Infection Control

- Hand washing facilities in all OPD clinics, wards, emergency and OT areas.
- Safe clinical practices as per standard protocols to prevent health care associated infections and other harm to patients.
- There shall be proper handing over system (in writing) between health care staff.
- Safe Injection administration practices as per the prescribed protocol.
- Safe Blood transfusion practices need to be implemented.
- Ensuring Safe disposal of Bio-medical Waste as per rules (National Guidelines to be followed).
- Regular Training of Health care workers in Patient safety, infection control and Bio-medical waste management.
- Use of safe Surgery check lists in the ward and operation Theatre to minimize the errors during surgical procedures.
- **Antibiotic Policy:** Centre shall develop its own antibiotic policy to check indiscriminate use of antibiotics and reduce the emergence of resistant strains.

### Health Care Workers Safety

- Provision of Protective gears like gloves, masks, gowns, caps, personal protective

equipment, lead aprons, dosimeters etc and their use by Health Care workers as per standard protocols.

- Display Standard operating procedures at strategic locations in the hospitals.
- Implementation of Infection control practices and Safe BMW Management.
- Regular Training of Health care workers in Universal precautions, Patient safety, infection control and Bio-medical waste management.

#### **Desirable**

- Immunization of Health care workers against Tetanus and Hepatitis B.
- Provision of round the clock Post exposure prophylaxis against HIV in cases of needle sticks injuries.

### **Statutory and Regulatory**

#### **Compliances**

Centre shall fulfil all the statutory and regulatory requirements and comply to all the regulations issued by local bodies, state, and union of India. Centre shall have copy of these regulations/acts. List of statutory and regulatory compliances is given.

#### **Record Maintenance**

It is desirable that Computers should be used for accurate record maintenance.

## PHYSICAL INFRASTRUCTURE

The centre should have 30 indoor beds with one Operation theatre, labour room, X-ray, ECG and laboratory facility. In order to provide these facilities, following are the guidelines.

### Location of the centre:

- To the extent possible, the centre should be easily accessible in order to improve access to the patients.
- It should have the facility for electricity, all weather road communication, adequate water supply, telephone etc.
- It should be well planned with the entire necessary infrastructure. It should be well lit and ventilated with as much use of natural light and ventilation as possible.
- It should be equipped with fire protection measures.
- It should have dedicated, intact boundary wall with a gate. Name of the Dispensary in local language should be prominently displayed at the entrance which is readable in night too.
- *Fire fighting equipment:* Fire extinguishers and other fire fighting equipments should be available and maintained to be readily available when needed. Staff should be trained in using fire fighting equipment should develop a fire fighting and fire exit plan with the help of Fire Department. Regular mock drills should be conducted.
- It should have a Disaster Management Plan in line with the District Disaster management Plan. All health staff should be trained and well conversant with disaster prevention and management aspects Surprise mock drills should be conducted at regular intervals.
- Rain-Water harvesting, solar energy use and use of energy-efficient CFL bulbs/equipment \_ should be encouraged. Provision should be \_ made for horticulture services including herbal garden.

The building should have areas/space marked for the following:

### Entrance Zone

#### Signage

- Prominent display boards in local language providing information regarding the services available and the timings of the institute.
- Directional and layout signages for all the departments and utilities (toilets, drinking water etc.) shall be appropriately displayed for easy access. All the signages shall be

bilingual and pictorial.

- On-the-way signages of the location should be displayed on all the approach roads.
- Safety, hazards and caution signs shall be displayed prominently at relevant places, e.g. radiation hazards for pregnant woman in X-Ray area.
- Fluorescent Fire-Exit signages at strategic locations.
- **Barrier free access environment** for easy access to non-ambulant (wheel-chair stretcher), semi-ambulant, visually disabled and orderly persons to be ensured.
- Ramp as per specification, Hand-railing, proper lightning etc must be provided.
- Registration cum Inquiry counters.
- Pharmacy for drug dispensing and storage.
- Clean Public utilities separate for males and females.
- Suggestion/complaint boxes for the patients/

visitors and also information regarding the person responsible for redressal of complaints.

### Outpatient Department

The new set up shall be planned keeping in mind the maximum peak hour load and shall have scope for future expansion.

Name of Department and doctor, timings shall be displayed if applicable.

Layout of the Out Patient Department shall follow the functional flow of the patients as far as possible: e.g.

Enquiry→Registration→Waiting→SubWaiting→Clinic→Dressing-room/InjectionRoom→Diagnostics (lab/X-ray)→pharmacy→Exit

**Clinics for Various Medical Disciplines** :These clinics include general medicine, general surgery, dental, obstetric and gynaecology, paediatrics and family welfare. Separate cubicles for general medicine and surgery with separate area for internal examination (privacy) can be provided if there are no separate rooms for each. The cubicles for consultation and examination in all clinics should provide for doctor's table, chair, patient's stool, follower's seat, wash basin with hand washing facilities, examination couch and equipment for examination.

- Preferably the OPD rooms should be Air conditioned and room shall have, the scope for entry of light and air.

- **Family Welfare Clinic** :The clinic should provide educative, preventive, diagnostic and curative facilities for maternal and child health,. People visiting hospital should be informed of personal and environmental hygiene, clean habits,. Treatment room in this clinic should act as operating room for IUCD insertion and investigation, etc. It should be in close proximity to Obstetric & Gynecology. Family Welfare counseling room should be provided.
- Waiting area for patients.
- If possible The Pharmacy should be located in an area conveniently accessible from all clinics. It should have three dispensing windows.
- **Emergency Room/Casualty**: It is recommended to have a separate earmarked emergency area to be located near the entrance of the setup preferably having 4 rooms (one for doctor, one for minor OT, one for plaster/dressing) and one for patient observation (At least 4 beds).

### Treatment Room

- Minor OT
- Injection Room and Dressing Room
- Observation Room

### Wards: Separate for Males and Females

- **Nursing Station** :The nursing station shall be centered such that it serves all the clinics from that place. The nursing station should be spacious enough to accommodate a medicine chest/a work counter (for preparing dressings, medicines), hand washing facilities, sinks, dressing tables which should have provision for Hub cutters and needle destroyers.
- Examination and dressing table.
- **Patient Area**
  - ❖ Enough space between beds.
  - ❖ Toilets; separate for males and females.
  - ❖ Separate space/room for patients needing isolation.
- **Ancillary rooms**
  - ❖ Nurses Changing room.
  - ❖ There should be an area separating OPD and Indoor facility.
- **Operation theatre/Labour room**
  - ❖ Patient waiting Area.
  - ❖ Pre-operative and Post-operative (recovery) room.
  - ❖ Staff area.
  - ❖ Changing room separate for males and females.

- ❖ Storage area for sterile supplies.
- ❖ Operating room
- ❖ Labour room.
- ❖ Scrub area.
- ❖ Instrument sterilization area.
- ❖ Disposal area.
- ❖ Newborn care Corner ( Annexure –I)

### **Newborn Care Stabilization Unit:** Annexure-II

**Public utilities:** Separate for males and female; for patient as well as for paramedical & Medical staff. Disabled friendly, WC with wash basins as specified under Guidelines for disabled friendly environment should be provided.

### **Physical Infrastructure for Support Services**

- **Central Sterilization Supply Department (CSSD):**  
Sterilization and Sterile storage.
- **Laundry:** Storage should be separate for dirty linen and clean linen.  
Outsourcing is recommended after segregation and treatment of infected and non-infected linen separately.
- **Engineering Services:** Electricity/telephones/water/civil Engineering as per the guidelines. Maintenance of proper sanitation in toilets and other public utilities should be given utmost attention .The services may be managed as per the guidelines issued from time to time.

**Water Supply :** Arrangements to be made to supply 10,000 litres of potable water per day to meet all the requirements (including laundry) except fire fighting. Storage capacity for 2 days requirements should be on the basis of the above consumption. Round the clock water supply shall be made available to all wards and departments of the hospital. Separate reserve emergency overhead tank shall be provided for operation theatre. Necessary water storage through overhead tanks with pumping/boosting arrangement shall be arranged. Cold and hot water supply piping should be run in concealed form embedded into wall with full precautions to avoid any seepage. Geyser in O.T./L.R. and one in ward also should be provided. \_Wherever feasible solar installations should be promoted.

**Emergency Lighting :**Emergency, portable/ fixed light units should also be provided in the wards and departments to serve as alternative source of light in case of power failure. Generator back-up should be available in all facilities. Generator should be of good capacity. Solar energy wherever feasible may be used.

- Generator :5 KVA for Immunization Cold Chain maintenance.

**Telephone:** minimum two direct lines with intercom facility should be available.

### Administrative zone

Separate rooms should be available for:

- Office
- Stores

### Residential Zone

- ♦ Quarters for Doctors, staff nurses/ paramedical staff, nursing orderly as per the requirement and the availability of space.

If the accommodation can not be provided due to any reason, then the staff may be provided leased accommodation in near vicinity so that they are available for 24 x 7 in case of need.

## Function & Space Requirement

### Function & Space Requirement for Different Zones for guidance

Zone	Functions	Size for Each Sub-function in Mtrs.	Total Areas in Sq Mtrs
Entrance Zone	Registration & Record storage, Pharmacy (Issue counter/Formulation/Drug storage) Public utilities & circulation space	Registration/Record Room	20.48 Sq Mtrs
		3.2 X 3.2 X 2	
		Queue area outside registration room	10.5 Sq Mtrs
		3.5 X 3	
Ambulatory Zone (OPD)	Examination & Workup (Examination Room, sub waiting), Consultation (consultation room Toilets, sub waiting) Nursing station (Nurses desk, clean utility,	Pharmacy cum store	20.48 Sq Mtrs
		6.4 X 3.2	
	8 specialist room with attach toilets =	Pharmacy cum store for AYUSH	20.48 Sq Mtrs
		6.4 X 3.2	
	dirty utility, treatment rooms, injection & dressing room), Cold Chain, Vaccines and Logistics area, ECG (with sub waiting) Casualty/ Emergency, public utilities, circulation space	Space for 4 General Doctor Room	40.96 Sq Mtrs
		3.2 X 3.2 X 4	
		Space for 2 AYUSH doctors Room	20.48 Sq Mtrs
		3.2 X 3.2 X 2	
		Treatment room	11.84 Sq Mtrs
		3.7 X 3.2	
Refraction room		10.24 Sq Mtrs	
3.2 X 3.2			
Nursing Station	20.48 Sq Mtrs		
6.4 X 3.2			
Casualty	40.96 Sq Mtrs		
6.4 X 6.4			
Dress Room	10.24 Sq Mtrs		
3.2 X 3.2			
Injection Room	10.24 Sq Mtrs		
3.2 X 3.2			
Female injection room	10.24 Sq Mtrs		
3.2 X 3.2			



		Public Utility/Common Toilets	9.5 Sq Mtrs
		Waiting Area	31.5 Sq Mtrs
		Cold Chain Room 3.5 x 3	10.5 Sq Mtrs
		Vaccine and Logistics Room 3.5 x 3	10.5 Sq Mtrs
Diagnostic Zone	Pathology (Optional) Laboratory, sample collection, bleeding room, washing disinfectants storage, sub waiting, Imaging (radiology, radiography, ultra-sound), Preparation, room, change room, toilet, control, Dark room, treatment room, sub waiting, public utilities	Area specification is recommended	180 Sq Mtrs
Intermediate Zone	Nursing station (Nurse desk, clean utility, treatment room, pantry, store, sluice room, trolley bay) patient area (bed space, toilets, Day space, Isolation Space) Ancillary rooms (Doctor's rest room, Nurses duty room, Public utilities, circulation space.	Nursing station 6.4 X 6.4 4 wards each with 6 beds ( 2 male wards & 2 female wards) size (6.2 X 6.2 ) X 4 4 private room (2 each for male & females) with toilets 6.2 X 3.2 X 4 2 isolation roos with toilet (one each for male & female) 6.2 X 3.2 X 2	40.96 Sq Mtrs 153.76 Sq Mtrs 79.36 Sq Mtrs 39.68 Sq Mtrs
Critical Zone (Operational Theater/Labour room)	Patient area (Preparation, Preanaesthesia, post operative resting) Staff area (Changing Resting) Supplies area (trolley bay, equipment storage, sterile storage) OT/ Lr area (Operating/Labour room, scrub, instrument sterilization, Disposal) public utilities, circulation space	Area specification is recommended	240 Sq Mtrs
Service Zone	Dietary (Dry Store, Day Store, Preparation, Cooking, Delivery, pot wash, Utensil wash, Utensil store, trolley park) C.S.S.D. (Receipt, wash, assembly, sterilization, sterile storage, Issue) Laundry (Receipt, weigh, sluice/wash, Hydro extraction, tumble, calender, press) Laundry (clean storage, Issue), Civil engineering (Building maintenance, Horticulture, water supply, drainage	Services like Electrical engineering /Mechanical engineering & Civil engineering can be privately hired to avoid permanent space in the CHC building	Area specification is recommended

Administrative zone	<p>and sanitation), Electrical engineering (sub station &amp; generation, Illumination, ventilation), Mechanical engineering, Space for other services like gas store, telephone, intercom, fire protection, waste disposal, Mortuary.</p> <p>General Administration, general store, public utilities circulation space</p>	Area specification is recommended	60 Sq Mtrs
<b>Total Circulation Area/Corridors</b>			<b>191.15 Sq Mtrs</b>
<b>Total Area</b>			<b>1503.32 Sq Mtrs</b>