

# **SERVICE STANDARD FOR BASIC HEALTH UNIT I & II**



**Quality Assurance and Standardization  
Division  
Ministry of Health  
Thimphu Bhutan**

**2009**

## *Foreword*

Many developing countries lack standards and fail in delivering quality services due to resource constraint, failure to understand the concept of quality and vastness of the subject resulting in poor planning of human resource, infrastructure, facilities and services in health care settings. The end results therefore are disease transmissions, loss of lives and economic burden to the nations.

Ministry of Health over a period of time has focused on consolidation of health care services by improving quality, enhancing sustainability, improving accessibility and strengthening human resource development and deployment.

Based on this principle Quality Assurance and Standardization Division has endeavored to bring quality in primary health care services by drawing up service standards for Basic Health Unit I and II. The efforts of the division are very much appreciated at this point of time. This has also come at a critical juncture where our efforts are geared towards providing just and equitable quality services.

These service standards drawn up for BHU I and II are in no way complete but will allow health care providers to imbibe the concept of quality and redirect their effort in delivering best possible care to the clients. As time changes and medical science expands there is always a room to amend and bring in uniformity in quality across the country.

Besides adhering to these service standards, I would urge our health care providers and friends to make use of other guidelines and policy documents like infection and hospital waste management, standard operating procedures, handbooks on maternal and child health and universal precaution while delivering services to the clients. The division's efforts will gear towards bringing in quality in health care settings. I urge all of you to commit and rededicate yourself to adhere to the standards and delivery quality services.

I wish all health family members the very best.

(Dr. Gado Tshering)  
**Secretary**

### *Acknowledgement*

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We also express our appreciation to all the reviewers and colleagues who contributed their time, comments and experiences into the preparation of this service standard. As all of us know that Medical Science is so rapid in expansion, these service standards are therefore not static and would be amended from time to time. Till such revisions are incorporated all health care providers are urged to adhere to the service standards while providing care to the clients.

## *Introduction*

Around the world health care organizations are called upon to provide high quality, safe patient care services despite inadequate equipment and medicine, human resource, infrastructure, finance and others. The concept of Quality in health care services is vast and sometime appears abstract because of which we often fail to make a beginning and in the bargain precious human lives are lost. Though health care organizations are acutely aware however they lack leadership, staff knowledge and organizational structures essential to begin the quality journey. Further we fail to draw up standards and do not pay attention ignoring them as trivial. Establishment of standards of quality service and systematic quality improvement lead to efficiency and effectiveness of health services, including satisfaction and well being of patients.

With increase in demand for quality services from the service users and variation in services at different levels of health facilities it's very imperative to develop standards primarily focused on the delivery of services. Setting standards has been recognized to complement quality improvement of services besides inculcation of quality culture and applying the technique of Continuous Quality Improvement. Service standards communicate the expectations and requirements of management and service users to the service providers' thereby establishing target on which service providers can focus efforts. It also serves as a management tool to define roles and responsibilities of service providers and enables performance measurement. Measuring performance against these standards generates information which can be used to effectively allocate resources and direct personal efforts.

However, a certain beginning has to be made to provide services on time, derive client satisfaction and providers' confidence. Concept of quality in health broadly involves human resource, services, infrastructure and drugs and equipment that are the vehicles of indicators of our performance in providing patient care services. With the circulation of these professional service standards the beginning will be made. The level of quality will determine the level of services standards and patient treatment outcome. In the strict sense quality is defined as "doing right thing at the right time".

One of the policy objectives of the Royal Government is to improve and standardize the quality of health care services across the country. During the 9<sup>th</sup> five year plan, the division endeavored to fulfill some of the major objectives although the division's progress was impeded by short of manpower, overlapping functions with departments and divisions and most importantly failing to recognize the vital functions of the division by stake holders in the Ministry itself.

Our vision is to ensure quality of health services across the country and facilitate development of appropriate standards and guidelines, benchmarking of the existing services, develop national standards of health services and work towards achieving international standards.

The Division's objectives are to ensure access, equity and quality health services, ensuring safety and achieving client satisfaction, and ensure continuous improvement in the quality of health care and development of appropriate health technologies and to ensure efficiency and cost effectiveness of health care services and facilities. It is also to enhance the integration and promotion of Quality in traditional medicines services.

Thus the service standards developed and circulated across the health facilities are intended to improve quality of services and reduce burden of diseases thus contributing to the philosophy of Gross National Happiness. These service standards drawn up are in consonance with the 10<sup>th</sup> Five Year Plan objectives and targets of improving the effectiveness and accessibility of health care services in the country based on the tenets of quality.

## *Service Standards for BHU I*

### **1. Out Patient Services**

- ✓ General examination including patient history and physical examination
- ✓ Clinical management - basic investigation and rational prescribing
- ✓ Consultation with professional colleagues and specialists
- ✓ Referral of patient to higher centers requiring further investigation and treatment
- ✓ Emergency outcall during accidents and life threatening situations both within and outside the health care centers
- ✓ Advise and counseling on specific health needs of the patient
- ✓ Record keeping and documentation of the patient treatment and history

### **2. Inpatient Services**

- ✓ Rational admission
- ✓ Inpatient care including clinical and nursing care
- ✓ On call duty
- ✓ Consultation and referral
- ✓ Health education and counseling
- ✓ Patient discharge and follow up
- ✓ Feedback on treatment outcome to the patient and referral centers
- ✓ Record keeping

### **3. Preventive and Promotive Health Care Services**

- ✓ Out reach services - includes immunization, family planning, Antenatal/ Post-natal Clinic, health education, treatment of minor ailments and under 5 growth monitoring
- ✓ Health education on relevant health problems
- ✓ Institutional health services - general checkup in school and religious institutes
- ✓ Annual household surveys
- ✓ Water quality monitoring and salt analysis
- ✓ Community based public health program activities e.g. alcohol reducing initiatives

### **4. Reproductive Health Services**

- ✓ Mother and child care
  - Line listing

- Ante natal care
- Post natal care
- Immunization and child growth monitoring
- Family Planning services
- Pap smear collection and smear slides referral
- Visual inspection with acetic acid (VIA) and smear collection
- ✓ Health education
- ✓ Voluntary counseling and testing

## **5. Delivery Room Services**

- ✓ Conduct normal deliveries
- ✓ Basic Emergency Obstetric Care services
  - Administer parenteral antibiotics
  - Administer parenteral oxytocic drugs
  - Administer parenteral anticonvulsants for pre-eclampsia and eclampsia
  - Perform manual removal of placenta
  - Perform removal of retained products like manual vacuum aspiration
  - Perform assisted vaginal delivery
- ✓ Observation and monitoring of intra partum and post partum
- ✓ Basic gynecology & obstetric management that include examination, observation and treatment
- ✓ Neonatal care and management of new born
- ✓ Consultation and referral

## **6. Minor Operating Theatre Services**

- ✓ Minor surgeries including incision and drainage, removal of foreign body, vasectomy etc.
- ✓ Suturing of wounds and cuts
- ✓ Dressing for burns and wounds
- ✓ Splinting and plaster cast
- ✓ Injections
- ✓ Infection control practices

## **7. Ophthalmic Services**

- ✓ Primary eye care
- ✓ Refraction
- ✓ Management of first line eye problems
- ✓ Routine eye examination
- ✓ Basic eye treatment - Syringing

- ✓ Eye check up in schools/institutes twice a year
- ✓ Operative camps in communities once a year or deemed essential
- ✓ Out reach services to BHU II

## **8. Radiology Services**

- ✓ Routine and emergency X-ray scans that includes extremities, chest, skull, pelvis, spine, abdomen
- ✓ Basic Ultra Sound Scans for obstetric, abdomen and marking of pleural fluid

## **9. Clinical Laboratory Services**

### **a. Basic & Routine tests**

- ✓ Stool OBT
- ✓ Urine RE
- ✓ Pregnancy - Gravidex test
- ✓ PHL - Water quality testing, Salt analysis

### **b. Laboratory Test Parameters**

- ✓ Chemistry - Blood sugar, Urea/BUN, Creatinine, Uric acid, ALT, AST, ALD, Bilirubin: Total and Direct, Total protein, Albumin, Cholesterol, Triglyceride, Sodium, Potassium, Chloride
- ✓ Cytology - Pap smear collection and referral, VIA
- ✓ Hematology – CBC, ESR, HB, TLC, DLC, BT,CT, Blood grouping and cross matching, DAT (Comb's test)
- ✓ Microbiology - Gram's stain, Unstained wet preparations, Rapid Test (HBsAg, HIV, RPR, TPHA), Mycology (KOH mount), Sputum (AFB, Gram stain)
- ✓ Parasitology - Wet preparation peaces (OPC), Blood MP
- ✓ CSF – Glucose, Protein, Chloride, Globulin

## **10. Oral Health Services**

- ✓ Silver Amalgams (premolar and molar teeth)
- ✓ Small composite resin/ GI restorations
- ✓ Simple extractions (due to decay, injury or fracture)
- ✓ Re-cementing of crowns (caps), inlays or bridges
- ✓ Bleaching (in office or take home)
- ✓ Oral hygiene instructions



- ✓ Sealants to prevent decays
- ✓ Fluoride treatments to prevent decay and sensitivity
- ✓ Limited treatment to early periodontal diseases ( referral for advanced needs)
- ✓ Bleaching gel, tropical fluoride gel and other preventive aids
- ✓ Routine and urgent; with temporary pain relief or palliative treatment
- ✓ Oral health camps in schools/ institutes twice a year

## **11. Epidemic and Emergency Services**

- ✓ Basic life support
- ✓ Investigation
- ✓ Treatment
- ✓ Containment
- ✓ Recording and reporting
- ✓ Notification to higher level
- ✓ Attend to deliveries

## **12. Traditional Medicines Services**

- ✓ General medical care
- ✓ Routine medical check up
- ✓ Diagnosis and treatment
- ✓ Behavioral and dietary advice
- ✓ Simple therapy like Serkhap
- ✓ Maintaining proper patient record and follow up
- ✓ Referral of patients to secondary and tertiary level care facilities
- ✓ Submit monthly morbidity reports
- ✓ General therapies like Serkhap, Nyulkhap, blood letting, heat application, Langduk etc.
- ✓ Outreach services to religious centers and remote area
- ✓ IEC in Traditional Medicines

## **13. Physiotherapy Services**

- ✓ Prevention of impairment, disability and handicap through basic physiotherapeutic interventions and education
- ✓ Postural assessment and correction
- ✓ Treatment and alleviation of musculoskeletal pain and injuries by use of basic physical agents and electro-modality
- ✓ Assessment of occupational health, prevention and treatment
- ✓ Basic orthotic, splinting and casting

- ✓ Chest evaluation, basic chest physiotherapy and prevention of immobility
- ✓ Rehabilitation, disability prevention and community based rehabilitation
- ✓ Assessment of architectural and environmental barriers
- ✓ Mobilization and provision of mobility aids
- ✓ Referral to district hospitals
- ✓ Liaise with other stakeholders
- ✓ Documentation and recording

#### **14. Pharmacy Services**

- ✓ Dispense drugs as prescribed
- ✓ Provide drugs to Village Health Workers, Schools & Community
- ✓ Monitoring adverse drug reactions
- ✓ Record keeping
- ✓ Indent drugs and non drugs/equipment as per DVED standards
- ✓ Updating of drugs and non drugs/equipment on a regular basis
- ✓ Check expiry & disposal of expired drugs
- ✓ Mobilization & remobilization of drugs and equipments

#### **15. Forensic Services**

- ✓ Clinical forensic services, examination of victims and perpetrators of interpersonal violence, sexual assault, occupational and transportation injuries, poisoning and intoxication cases, sex determination etc
- ✓ Medico legal death investigations including autopsies
- ✓ Collect forensic trace evidences and forward to the regional or national centers for further analysis
- ✓ Reporting and submission to law enforcement agencies, legal representatives
- ✓ Preparation and testifying in courtroom proceedings

#### **16. Patient Diet services**

- ✓ Provision of specific diet as per disease condition

#### **17. Administrative Services**

- ✓ BHU administration and management
- ✓ Progress reports submission & recording
- ✓ Participation in geog level meetings
- ✓ Liaise with DHO and geog administration
- ✓ Inter-sectoral collaboration

- ✓ Issue Death, Birth and Medical certificates

## **18. Ambulance Services**

- ✓ 1 Ambulance as per Ministry of Health's policy

## **19. Bed Strength**

- ✓ 10 Bedded health center

## **20. Medical Equipment Supplies**

- ✓ Ambu bag
- ✓ Airways of various sizes
- ✓ Oxygen masks
- ✓ Oxygen cylinders with necessary accessories
- ✓ Nebulizer machine and solution
- ✓ IV canola
- ✓ Face masks
- ✓ Catheters of various sizes
- ✓ Nasogastric tube
- ✓ Breast pump
- ✓ Fetoscope
- ✓ Examination table
- ✓ IV stand
- ✓ Dressing drums
- ✓ Proctoscope
- ✓ Rectal tubes
- ✓ Sphygmomanometer
- ✓ Haemoglobinometer
- ✓ Suction machines
- ✓ Speculum of all sizes
- ✓ Retractors
- ✓ Forceps
- ✓ Fetal Doppler
- ✓ Uterine curette
- ✓ Uterine sound
- ✓ Obstetric and labour table
- ✓ Full midwife kit
- ✓ Splints
- ✓ Plaster cutting scissors
- ✓ Plaster of Paris

- ✓ Resuscitation bag and mask
- ✓ Weighing scales for neonates
- ✓ Otoscope
- ✓ Infantometer
- ✓ Stadiometer
- ✓ Space heater
- ✓ Crutches
- ✓ Wheelchairs
- ✓ Suture materials
- ✓ Thermometers
- ✓ Gauge, bandages and cottons
- ✓ Linen
- ✓ Autoclave
- ✓ Refrigerator
- ✓ Microscope
- ✓ Sterilizer drum
- ✓ Other consumables

## **21. Clinical Laboratory Supplies**

- ✓ Autoclave
- ✓ Photometer
- ✓ Water bath
- ✓ Electrical Balance
- ✓ Blood bank centrifuge
- ✓ Centrifuge with tubes of various capacities with bench top
- ✓ Blood collection monitor and Shaker
- ✓ Hot air oven
- ✓ Distillation plant
- ✓ Bunsen burner
- ✓ Measuring cylinders
- ✓ Microscope
- ✓ Micropipettes of different volumes
- ✓ Urinometer
- ✓ Diamond pencils glass slides
- ✓ Pasteur pipettes
- ✓ Donor weighing scale
- ✓ Glass marking pencils
- ✓ Glass door refrigerator
- ✓ Slide boxes
- ✓ Various stains for performing all the tests
- ✓ General glass wares, tubes, tridish etc
- ✓ Bio-hazard bags

- ✓ tube stripper
- ✓ cold boxes
- ✓ DLC digital counter
- ✓ Bio-safety cabinet class II
- ✓ Stop watch
- ✓ Vortex mixer
- ✓ Bilirubinnometer
- ✓ Coplin jars
- ✓ Hemoglobinometer
- ✓ All reagents to perform standard tests

## **22. Emergency Medical Supplies**

### **a. Equipments**

- ✓ Airway equipments
- ✓ Oxygen cylinder with regulator
- ✓ Resuscitation bag (Ambu bag) of different sizes
- ✓ Face mask of different sizes
- ✓ Oropharyngeal airway of different sizes
- ✓ Pocket Resuscitation face mask
- ✓ Stethoscope
- ✓ Glucometer (blood glucose)
- ✓ Blood pressure measuring machine (aneroid)
- ✓ Long spine board with head immobilization strap
- ✓ Cervical collar (large)
- ✓ Cervical collar (medium)
- ✓ Lower limb splints sets
- ✓ Triangular bandages
- ✓ Upper limb splint sets
- ✓ Automated External Defibrillator (AED)
- ✓ Portable monitor with ECG, NIBP and SPO2
- ✓ Roller-type bandages (10 cm )
- ✓ Gauze pads (sterile)
- ✓ NS for irrigation of wounds
- ✓ Povidone
- ✓ Adhesive tape
- ✓ Large pads
- ✓ Gloves (Nonsterile)
- ✓ Tourniquet
- ✓ Surgical mask
- ✓ Biohazard bag ( disposing contaminated barticles)
- ✓ Eye protection (goggles or face shield)

- ✓ Laryngoscope (adult & pediatric) with battery
- ✓ Laryngoscope (neonate)
- ✓ Endotracheal tube (size 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8)
- ✓ Suction catheter (various sizes)
- ✓ Suction machine (portable) manually operated
- ✓ IV cannula (size 18, 20, 22, 24)
- ✓ Infusion sets
- ✓ NS, RL, Gelufucine, DNS,
- ✓ Spirit swab
- ✓ 25% Dextrose
- ✓ Stretcher ( light in weight, foldable, portable, strong)
- ✓ Strong ropes (50 meters in length)
- ✓ Torch with spare battery

#### **b. Drugs and Syringes**

- ✓ Injection Atropine
- ✓ Injection Adrenaline
- ✓ Injection Deriphylline
- ✓ Injection Promethazine 25mg
- ✓ Injection Hydrocirtisone 100mg
- ✓ Injection Ranitidine
- ✓ Injection Diazepam
- ✓ Syringe 2 ml
- ✓ Injection Phenyton
- ✓ Injection Oxytocin
- ✓ Injection Diclofenac
- ✓ Injection lasix
- ✓ Syringe 5 ml
- ✓ Injection methergometrine

#### **23. Drug Supply for Allopathy Medicine Services**

- ✓ As per EDL prepared by DVED, DMS

#### **24. Medicine & Equipment Supply for Traditional Medicines Services**

- ✓ Supplied as per the standards drawn by ITMS, DMS. Supply list available in the professional standard guidelines of ITMS.

## **25. Infrastructure Standard**

- ✓ As per architectural design by Health Infrastructure Development Project, Department of Medical Services and consented by the Ministry.

## **26. Human Resource Deployment Services**

### **a. Technical staffs**

- ✓ 1 Medical Officer
- ✓ 1 Drungtsho
- ✓ 1 sMenpa
- ✓ 1 Assistant Clinical Officer
- ✓ 1 Female HA
- ✓ 1 Male HA
- ✓ 1 Pharmacy technician
- ✓ 1 Laboratory technician
- ✓ 1 Physiotherapy technician
- ✓ 1 X-Ray technician/ Ultrasound technician
- ✓ 1 Telemedicine technician
- ✓ 1 Eye technician
- ✓ 1 Dental hygienist
- ✓ 1 Chief Nurse
- ✓ 8 Nurses

### **b. Support staffs**

- ✓ 1 Office Secretary
- ✓ 1 Receptionist
- ✓ 1 Driver
- ✓ 2 Wet sweepers
- ✓ 1 Caretaker
- ✓ 2 Ward boys
- ✓ 1 Cook
- ✓ 1 Caretaker
- ✓ 1 Washerman

## **27. Human Resource Development Services**

- ✓ Deployment, skill development and career enhancement is as per approved staffing pattern and human resource master plan of the Ministry.

# *Service Standard for BHU II*

## **1. Out Patient Services**

- ✓ General examination including patient history and physical examination
- ✓ Clinical management - basic investigation and rational prescribing
- ✓ Consultation with professional colleagues and specialists
- ✓ Referral of patient to higher centers requiring further investigation and treatment
- ✓ Emergency outcall during accidents and life threatening situations both within and outside the health care centers
- ✓ Advise and counseling on specific health needs of the patient
- ✓ Record keeping of the patient treatment

## **2. Observation Room Services**

- ✓ Consultation and clinical management
- ✓ Nursing care for minor illness
- ✓ Rational Prescribing
- ✓ Referral of patients
- ✓ Advise and counseling
- ✓ Feedback on treatment outcome to the patient and referral centers

## **3. Preventive and Promotive Health Care Services**

- ✓ Out reach services - includes immunization, family planning, Antenatal/ Post-natal Clinic, health education, treatment of minor ailments and under 5 growth monitoring
- ✓ Health education on relevant health problems
- ✓ Institutional health services pertaining to general checkup in school and religious institutes – twice a year
- ✓ Annual household surveys
- ✓ Water quality monitoring and salt analysis
- ✓ Community based public health program activities e.g. alcohol reducing initiatives

## **4. Reproductive Health Services**

- ✓ Mother and child care
  - Line listing
  - Antenatal Care



- Postnatal Care
- Immunization and child growth monitoring
- Family Planning services (Except Vasectomy)
- Pap smear
- VIA (Visual Inspection with acetic acid)
- ✓ Health education
- ✓ Voluntary counseling and testing

## **5. Delivery Room Services**

- ✓ Conduct normal deliveries
- ✓ Basic relevant EMOC services except forceps and vacuum
- ✓ Basic gynaecology & obstetric examination
- ✓ Management of new born
- ✓ Infection control practices

## **6. Clinical Laboratory Services - Basic & Routine Tests**

- ✓ Urine - Pregnancy test (gravindex), Sugar and protein (albumin)
- ✓ Stool - RE
- ✓ Blood - Hb
- ✓ PHL – Water quality and Salt analysis

## **7. Pharmacy Services**

- ✓ Dispense drugs and injections as prescribed
- ✓ Dressing for minor injuries, burns infections
- ✓ Provide drugs to Village Health Workers, schools & community
- ✓ Monitoring adverse drug reactions
- ✓ Record keeping
- ✓ Check expiry and disposal of expired drugs

## **8. Epidemic and Emergency Services**

- ✓ Basic life support
- ✓ Investigation
- ✓ Treatment
- ✓ Containment
- ✓ Recording and reporting
- ✓ Notification to higher level
- ✓ Attend to deliveries

## **9. Traditional Medicines Services**

- ✓ Basic medical care
  - Routine medical check up
  - Diagnosis and treatment
  - Behavioral and dietary advice
  - Simple therapy like serkhap
  - Maintaining proper patient record and follow up
  - Referral of patients to secondary and tertiary level care facilities
  - Submit monthly morbidity reports
- ✓ Dispensing of drugs
- ✓ Out reach clinic services

## **10. Other Services**

- ✓ Birth and Death certificate
- ✓ Medico legal services to be offered as per policy of Ministry of Health
- ✓ Escort patients during referral
- ✓ Prevention of impairment, disability and handicap through health education
- ✓ Mobilization of mobility orthoses
- ✓ Management of simple musculoskeletal problems

## **11. Medical Equipment Supplies**

- ✓ Uterine sound
- ✓ Full midwifery kit
- ✓ Splints
- ✓ Examination table
- ✓ Steel bed
- ✓ Dressing drums
- ✓ Breast pump
- ✓ Enema can
- ✓ Fetoscope
- ✓ IV set
- ✓ Forceps for dental extraction
- ✓ Suture material
- ✓ Catheters of various sizes
- ✓ Scalpel blades
- ✓ Stomach wash tubes
- ✓ Vaccine storage kits
- ✓ Speculum of all sizes
- ✓ Mucus extractor

- ✓ Ambu bag
- ✓ Oxygen mask
- ✓ IV cannula
- ✓ Oxygen cylinders
- ✓ Mortar and pestle
- ✓ Rectal tubes
- ✓ Weighing scales
- ✓ Sphygmomanometer
- ✓ Haemoglobinometer
- ✓ Suction machine
- ✓ Rectal tubes
- ✓ Forceps for delivery
- ✓ Scissors
- ✓ Blade handles and blades
- ✓ Needle holders
- ✓ Refrigerator
- ✓ Gloves
- ✓ Gauge and bandage
- ✓ Microscope

## **12. Clinical Laboratory Supplies**

- ✓ Microscope - electricity and daylight
- ✓ Weighing balance
- ✓ Sahli's hemoglobinometer
- ✓ Salt analysis kit

## **13. Emergency Medical Supplies**

### **a. Equipments**

- ✓ Airway equipments
- ✓ Oxygen cylinder with regulator
- ✓ Resuscitation bag (Ambubag) sizes- Pediatric, Neonate and Adult
- ✓ Face mask sizes – 000, 00, 0, 1, 2, 3, 4
- ✓ Oropharyngeal airway sizes- 00, 0, 1, 2, 3, 4
- ✓ Pocket Resuscitation face mask
- ✓ Stethoscope
- ✓ Glucometer (blood glucose)
- ✓ Blood pressure measuring machine (aneroid)
- ✓ Long spine board with head immobilization strap
- ✓ Cervical collar (large)
- ✓ Cervical collar (medium)

- ✓ Lower limb splints sets
- ✓ Triangular bandages
- ✓ Upper limb splint sets
- ✓ Roller-type bandages (10 cm )
- ✓ Gauze pads (sterile)
- ✓ NS for irrigation of wounds
- ✓ Povidone
- ✓ Adhesive tape
- ✓ Large pads
- ✓ Gloves (Nonsterile)
- ✓ Tourniquet
- ✓ Surgical mask
- ✓ Biohazard bag ( disposing contaminated barticles)
- ✓ Eye protection (goggles or face shield)
- ✓ IV cannula (size 18, 20, 22, 24)
- ✓ Infusion sets
- ✓ NS, RL, Gelufucine, DNS,
- ✓ Spirit swab
- ✓ 25% Dextrose
- ✓ Stretcher ( light in weight, foldable, portable, strong)
- ✓ Strong ropes (50 meters in length)
- ✓ Torch with spare battery

#### **b. Drugs and Syringes**

- ✓ Injection Atropine
- ✓ Injection Adrenaline
- ✓ Injection Deriphylline
- ✓ Injection Promethazine 25mg
- ✓ Injection Hydrocirtisone 100mg
- ✓ Injection Ranitidine
- ✓ Injection Diazepam
- ✓ Syringe 2 ml
- ✓ Injection Phenytion
- ✓ Injection Oxytocin
- ✓ Injection Diclofenac
- ✓ Injection lasix
- ✓ Syringe 5 ml
- ✓ Injection methergometrine

#### **14. Drug Supply for Allopathy Medicine Services**

- ✓ As per EDL prepared by DVED, DMS

## **15. Medicine & Equipment Supply for Traditional Medicines Services**

- ✓ Supplied as per the standards drawn by ITMS, DMS. Supply list available in the professional standard guidelines of ITMS

## **16. Infrastructure Standard**

- ✓ As per architectural design by Health Infrastructure Development Project, Department of Medical Services consented by the Ministry

## **17. Human Resource Deployment Services**

- ✓ 1 Male Health Assistant or Assistant Clinical Officer
- ✓ 1 Female Health Assistant or ANM
- ✓ 1 Basic Health Worker (BHW)
- ✓ 1 sMenpa wherever traditional medicine services are introduced
- ✓ 1 Care taker

## **18. Human Resource Development Services**

- ✓ Deployment and skill development and career enhancement is as per approved staffing pattern & human resource master plan of the Ministry

## **Abbreviations**

ANM	–	Auxillary Nurse Midwifery
BHU	–	Basic Health Unit
BHW	–	Basic Health Worker
DHO	–	District Health Officer
DMS	–	Department of Medical Services
EDL	–	Essential Drug List
HA	-	Health Assistant
IEC	–	Information Education and Communication
ITMS	–	Institute of Traditional Medicinal Services
PHL	–	Public Health Laboratory
QASD	–	Quality Assurance and Standardization Division