

**MINIMUM REQUIREMENTS**

**FOR**

**PROFICIENCY CERTIFICATE LEVEL IN MIDWIFERY**

**PROGRAMME**



**Council for Technical Education and Vocational Training**

**Polytechnic Division**

**Sanothimi, Bhaktapur**

**NEPAL**

**2076**



## १. भवन तथा पुर्वाधारहरु

### १.१ भवन:

- कक्षाकोठा, अफिस, ल्याव, प्रयोगशाला र पुस्तकालय लगायत सबै सुविधाका लागि सुरक्षित, भूकम्प प्रतिरोधक भवन हुनु पर्नेछ ।
- बहुतले (धेरै तल्ला भएको) भवन भएमा थप कार्यक्रमको लागि जग्गा थप नभएपनि सञ्चालन गर्न सकिने छ ।
- There must be open space with building and assembly point/area must be identified during disaster.
- The building must be earthquake resilient.
- भाडाको भवन भएमा कम्तीमा ५ वर्षको ।

### १.२ कक्षा कोठा:

- प्रति विद्यार्थी ०.७५ वर्ग मिटरको दरले ३ वर्षे कार्यक्रमको लागि (प्रथम, द्वितीय र तृतीय वर्ष) ३ वटा कक्षा कोठा हुनु पर्नेछ ।
- प्रत्येक विद्यार्थीको लागि छुट्टाछुट्टै मेच र डेस्क भएको र प्रत्येक line मा ४ जना विद्यार्थी बिचमा ४ फिट दुरी हुने गरी सजिलै आवत जावत गर्न मिल्ने ।
- राम्रो lighting र ventilation भएको LCD/LED attached with minimum 2 chasal भएको
- शिक्षकको लागि छुट्टै table/ chair भएको ।
- White board, screen र अन्य Teaching material भएको ।

१.३ प्रयोगशाला/Simulation/skill lab: पाठ्यक्रमले तोके बमोजिम प्रयोगात्मक अभ्यासको लागि प्रति विद्यार्थी कम्तीमा एक वर्ग मिटर क्षेत्रफल उपलब्ध हुने गरी तपशिल बमोजिमका विषयगत प्रयोगशालाहरु छुट्टाछुट्टै हुनु पर्ने छ ।

1. Skill lab for Fundamental skills
2. Basic science lab including Anatomy and Physiology Demonstration Room
3. Separate midwifery skill lab with ANC, labour, PNC and neonatal practical
4. Lab for FP and safe abortion services
5. Community Health and Nutrition Room

### १.४ पुस्तकालय कक्ष:

- कार्यक्रमको लागि कम्तीमा ४० वर्ग मिटर क्षेत्रफलको पुस्तकालय कक्ष हुनु पर्नेछ ।
- एउटा भन्दा बढी कार्यक्रम सञ्चालन हुने भएमा थप कार्यक्रमको लागि १५ वर्ग मिटर थप क्षेत्रफल हुनु पर्नेछ ।
- पुस्तकालयमा पाठ्यक्रममा उल्लेख भए बमोजिमका प्रत्येक विषयको लागि विद्यार्थी संख्याको कम्तीमा ५०% र १०% Reference book पाठ्यपुस्तक हुनु पर्नेछ ।
- जम्मा विद्यार्थी मध्ये ५०% र प्रशिक्षक मध्ये १०% लाई बसेर पढ्ने क्षमताको पुस्तकालय हुनुपर्ने ।
- पुस्तकालय उज्यालो र राम्रो ventilation भएको हुनु पर्ने ।
- Midwifery को पुस्तक पाठ्यक्रमले निर्धारण गरेको ८०% हुनु पर्ने ।

- व्यावसायिक जर्नल, राष्ट्रिय दस्तावेज, नीति, रणनीति, निर्देशिका, मार्गदर्शन, अनुसन्धान प्रतिवेदन, राष्ट्रिय योजना, प्रोटोकल र अन्य महत्वपूर्ण शैक्षिक सामग्री उपलब्ध हुनुपर्ने ।
- प्रति ५ विद्यार्थीको लागि एकवटा Computer र Internet facility को व्यवस्था हुनुपर्ने ।
- विद्यार्थीको लागि Photocopy र print को सुविधा हुनुपर्ने ।

#### १.५ प्रशिक्षक कक्ष:

- प्रशिक्षकहरूको लागि अध्ययन र प्रशिक्षण तयारीको लागि प्रति प्रशिक्षक कम्तीमा २.० वर्ग मिटर क्षेत्रफल उपलब्ध हुने कार्य कक्षहरू हुनु पर्नेछ ।
- प्रत्येक प्रशिक्षकको लागि छुट्टै टेबल, मेच, दराज, Computer र Internet facility को व्यवस्था हुनुपर्ने ।

#### १.६ प्राचार्य कक्ष:

- प्राचार्यको लागि छुट्टै कार्य कक्षको व्यवस्था हुनु पर्नेछ ।
- Computer, Internet facility, printer, telephone, सहित सम्पूर्ण office set को व्यवस्था हुनुपर्ने ।
- दराज, सोफा सेट, र बैठक कक्ष हुनुपर्ने ।

#### १.७ प्रशासन कक्ष:

- लेखा/प्रशासन कक्ष छुट्टै हुनु पर्नेछ ।
- परिक्षा शाखा र स्टोर कक्ष छुट्टैछुट्टै हुनु पर्ने साथै प्रशासनका दस्तावेजहरू राख्न filing cabinet हुनु पर्ने ।

#### १.८ Conference hall/auditorium: संस्थामा conference hall/auditorium हुनु पर्ने ।

१.९ सोधपुछ कक्ष : विद्यार्थी, अभिभावक र अन्य सरोकारवालाहरूलाई सेवा दिन छुट्टै सोधपुछ कक्ष हुनु पर्नेछ ।

१.१० शौचालय : प्रशिक्षक, कर्मचारी र प्रशिक्षार्थीको लागि महिला र पुरुष छुट्टै छुट्टै हुने गरी महिलाको लागि १:२० र पुरुषको लागि १:२० का दरले शौचालयको व्यवस्था हुनु पर्नेछ ।

१.११ खानेपानी : खानेपानीको लागि Water Filter/ Euro Guard or Equivalent Water Purifier को व्यवस्था हुनु पर्नेछ वा शुद्ध पिउने पानीको व्यवस्था हुनु पर्नेछ ।

१.१२ चमेना गृह : संस्थामा कम्तीमा २० जनाले खानसक्ने ठाउँ (Dining Room) भएको चमेनागृह हुनु पर्नेछ ।

१.१३ खेलकुद सम्बन्धी : भलिबल, बास्केटबल, व्याडमिण्टन र टेबलटेनिस मध्ये कम्तीमा एउटा Outdoor वा Indoor कोर्टको व्यवस्था हुनु पर्नेछ ।

#### १.१४ छात्रावास सम्बन्धि:

- छात्रावासको आवश्यकता भएका विद्यार्थीहरूको लागि छात्रावासको व्यवस्था हुनुपर्ने प्रत्येक कोठामा बढीमा ३ जनाको लागि आवश्यक खाट, दराज, टेबल, मेच आदी व्यवस्था हुनु पर्ने ।

- शौचालय १: १० को अनुपातमा सोहि तल्ला/ भवनमा हुनुपर्ने ।
- खाना पकाउने, खाना खाने र भाडा माग्ने ठाउ छुट्टाछुट्टै हुनु पर्ने ।
- Visitor room, sick room, hostel incharge room , security guard room र housekeeper room छुट्टाछुट्टै हुनु पर्ने ।

## 2. Governance and Administration

- 2.1 Institution should have a governing body, consisting of Academic Management Committee with representation of Campus Chief and Midwifery educator.
- 2.2 The organization must have clear picture of organizational structure with academic and administrative sector of how authority and other functional relationships have been structured.
- 2.3 The institution must have various committees as directed by Nepal Nursing Council

## 3. Midwifery Education Program Administration

### 3.1 Head of the program should be midwife/nurse with following criteria:

- a) Current license/registration of Nepal Nursing Council (NNC)
- b) Minimum Bachelor in Midwifery / Bachelor of Nursing with Skilled Birth Attendants (SBA) training preferable
- c) Completion of a Minimum three years teaching experience in field of maternity with at least 2 years experience after bachelor degree.
- d) Attendance of Continue Professional Development CPD) sessions are the additional assets

### 3.2 Responsibilities and authorities of the Head of the Midwifery Program

- a) Participate actively in formulation and revision of the aim and policies of the institute.
- b)
- c) Participate actively in recruitment of faculty and administrative staffs.
- d) Plan, organize, monitor, supervise, evaluate and direct the program including budgeting.
- e) Develop the job description for faculties and administrative staffs.
- f) Facilitate activities related to academic and personnel policies, curriculum development, and course evaluation.
- g) Coordinate and liaison with NNC, MoHP, Ministry of Education, Science and Technology (MoEST), Academy/Institution, Professional Association, and other relevant organizations.

## 4. Faculty Qualification

### 4.1 Faculties for Midwifery

- Current license/Registered of Nepal Nursing Council
- Bachelor in Midwifery or Bachelor of Nursing with training in related field.
- Minimum three years clinical experience in maternity field

### 4.2 Faculties for nursing skills

- Current license/Registered of Nepal Nursing Council
- Bachelor of Nursing with relevant subjects
- Minimum three years clinical experience in relevant field

#### **4.3 Faculties for social science and humanities, anatomy and physiology, pharmacology, microbiology**

- Post-graduate qualification in relevant subjects.

#### **4.4. Qualification of Clinical Preceptors**

- Current license/Registered of Nepal Nursing Council
- Minimum Bachelor of Midwifery / Bachelor of Nursing with SBA
- Recent three years clinical experience in the field of maternity
- Preceptor should be from the same clinical site where students are regularly practicing

### **5. Faculty and Students Ratio**

Faculty should be sufficient for teaching and clinical supervision in the program. The midwifery teacher/ student ratio should be as follows:

- Overall ratio of teacher to students must be 1:6
- For clinical teaching and supervision the midwifery teacher /preceptor ratio should be 1:4.
- For skill lab demonstration the ratio should be 1:6
- For community field the ratio should be 1:6

### **6. Teaching Load/Clinical supervision**

- For campus chief: at least 25 hours/year
- For faculties: : at least 100 hours/year.

#### **Clinical supervision**

- Midwifery faculty/other related faculties: : Should perform at least 30 hours of clinical supervision per week, during clinical posting

### **7. Administrative Staff**

To facilitate teaching learning activities of the program, the institution must have administrative staff as follows:

<b>Categories of Staff</b>	<b>No.</b>	<b>Qualification</b>
Administrative officer	1	Bachelor level in management
Account officer/ Administrative officer	1	Bachelor level in management
Librarian	1	Training in library management library science-1 Assistant-1
Skill Lab Manager	1	PCL or grade 12 passed in any discipline preferable to nursing/ midwifery
Computer technician/operator/ typist	1	Diploma in computer science with English and Nepali typing experience

Driver	1	
Helper/cleaner	As per requirement	Able to read and write Nepali & skilled in cycling.
Security guards	As per requirement	Under SLC
Hostel In charge/Warden	1	Nurse with Certificate or Bachelor level
Cook	As per requirement	Able to read and write Nepali

## 8. Student Enrolment and Development

### 8.1 Student Enrolment

- Criteria and procedures for student selection and admission should be as per recommendation of by curriculum.

### 8.2 Student Development

- Participation in extracurricular activities eg. Indoor and outdoor games, quiz competition, speech competition
- Organization of educational exhibitions related to midwifery at least once during the whole academic program.
- Participation in professional/social activities related to midwifery Participation in workshop/seminar at local/ national level
- Exposure to observation visit in related subject at local/ national level/international level

## 9. Facilities for Clinical and Community Practicum

To provide adequate exposure and experience for the PCL midwifery students clinical and community practicum facilities must be both in urban and rural settings.

The clinical practice must cover both basic skills on nursing and midwifery model of maternity care. These include internal medicine, surgery, OT, birthing centre, obstetrics and gynaecology, paediatrics, eye, ear, nose, throat, psychiatry and community midwifery according to the following criteria.

### 9.1 For clinical midwifery practice

For the intake of 30 students the hospital must have:

- A minimum of 1500 birth per year with at least 100 bedded own hospital recognized by Ministry of Health and Population or and 1:3 student woman ratio and a Birthing Centre either stands alone or alongside having at least 150 birth per year recognised by the Ministry of Health and Population.
- The clinical site/hospital should have Operation Theatre, Maternity, Gyane, Paediatric, NSCU, NICU, MICU, ANC OPD, ANC Ward, Birthing Centre, Family Planning/MCH Clinic, Adolescent Clinic, Safe Abortion Care (CAC/PAC), and One-stop Crisis Management Centre (OCMC), Medical, Surgical and Psychiatric Units. If NICU, MICU, OCMC and psychiatric units are not available in own hospital then agreement for practicum should be taken from nearest hospital who have those units.
- Skill Lab/Skill practice corner besides the maternity unit.
- Memorandum of Understanding of at least 5 years for student practicum between hospital and the CTEVT constituted or partnership institution to run midwifery

programme must be obtained before starting the programme (If the institution does not have own hospital).

- The hospital should have the following supplies and facilities for the academic clinical activities in the clinical setting
  - Adequate necessary equipment, and supplies for midwifery procedures
  - Changing room for teachers and students
  - Room for pre and post conference and meetings including simulation lab with manikins.
  - There should be adequate number of nurses/midwives to provide 24-hour maternity service (Nurse/Midwife and woman ratio as per the government of Nepal standard guideline for routine care. These include Morning shift 1:6, Evening shift: 1:6, and Night shift: 1:6, and during active phase of labour 1:2, and labour ward 2:1)
  - Hospital Nursing Director should be Master in Midwifery/Nursing or Bachelor of Midwifery/Nursing with at least 10 years clinical experience.
  - Room for cleaning equipment and tools
  - Maternity Ward In-Charge should have Bachelor of Midwifery or Bachelor of Nursing with SBA training with at least two years hands on clinical experience in maternity.
  - **Minimum service standard provided by hospital should not be less than 50% as per evaluation of MOHP.**

## 9.2 Facilities for Community field practice

- Concurrent Practice: Local level based Primary Hospital/Birthing Centre, Health Post, MCH and Family Planning clinics.
- Residential Community Midwifery Practice: Local municipality based primary/birthing centres, health post with birthing centre, MCH and Family Planning Clinic.
- Permission letter from government health institutions/offices should be obtained.

**The community field must have the following facilities available for students to practice:**

- Necessary equipment to carry out the midwifery care for mothers and newborns/babies.
- Midwifery teacher should be at least 1:6 ratio to supervise students
- Sufficient families (house hold) for students to practice (5 house hold/student).
- Record /report filing system based on HIMS system (government policy).
- Appropriate assessment tools for students' practice (prescribed by the curriculum)

## 10. Equipment/Supplies for teaching and learning

### 10.1 Skill lab for fundamental skills

10.1.1	Equipment	QTY
	Hospital adult bed	2
	Bedside locker	2
	Mannequin: Adult male and female	1 each
	CPR Model	1
	Trays of different sizes (small, medium and large) for procedures	4 each
	Bowl of different sizes (small, medium and large)	4 each
	Kidney trays of different sizes	6
	Basins	6
	Feeding cup	2



	Sputum mug	2
	Bed pan	2
	Urinal	1
	Enema can set (One liter capacity)	1
	Measuring jugs of different capacities (250, 500 and 1000 ml)	1 each
	Catheter container with cover	1
	Dressing drum (small and large)	1 each
	Trolley with two shelves (upper and lower shelve)	1
	Nail cutter	3
	Comb	3
<b>10.1.2</b>	<b>Instruments</b>	
	Cheattle forceps	2
	Sponge holding forceps	2
	Artery forceps: Straight and curved	4 each
	Dissecting forceps: Toothed and Non-toothed	4 each
	Mosquito forceps	2
	Kocker's forceps	2
	Needle holding forceps: 6 inch, 7 inch and 8 inch size	2 each
	Scissors: Surgical, suture cutting and bandage cutting	2 each
	Tongue depressor	2
	Ear irrigation syringe	1
	Ear speculum	1
	Surgical blades of different sizes	1 set
	Airway tube: Different sizes of adult and pediatric size	1 each
	Endotracheal tube: Different sizes for adult and pediatric	1 each
<b>10.1.3</b>	<b>Glassware</b>	
	Measuring cups: 30 ml, 120 ml and 240 ml	1 each
	Ounce glass	1
	Digital thermometer	2 each
	Specimen collection bottles	6
<b>10.1.4</b>	<b>Syringes and needles</b>	
	Syringes: 2 ml, 5 ml, 10 ml and 20 ml size	2 each
	Tuberculin syringe	2
	Insulin syringe with needle	2
	Needles of different sizes	2 each
	Suturing needles: Straight (cutting and round) and curved	4 each
	IV cannulas of different sizes	2 each
	Ear irrigation syringe	1
<b>10.1.5</b>	<b>Suturing materials</b>	
	Suture threads: Vicryl	1 pack
	Catgut: Absorbable and non-absorbable	1 pack each
<b>10.1.6</b>	<b>Rubber goods</b>	
	Mackintosh: Full bed length, for draw mackintosh and treatment/dressing mackintosh	2 each
	Hot water bag	2
	Ice cap	1
	Gloves of different sizes	2 dozen

	Catheters: Foley's, plain, nasal and rectal	2 each
	Gastric lavage tube	2
	Ryle's tube: Adult and paediatric	2 each
	Flatus tube	2
	Air ring	2
	Douche nozzles of different sizes	1 each
<b>10.1.7</b>	<b>Linen</b>	
	Mattress: Adult size	2
	Bedsheet: Top and bottom sheet	8
	Draw sheet	4
	Pillow	4
	Pillow cover	8
	Sand bag with cover	2
	Blankets	2
	Towels: Bath, hand and surgical	2 each
	Sponge cloth	1 dozen
	Hot water bag cover	1
	Ice cap cover	1
	Gown, mask and cap for OT	2 each
	Perineal sheet, abdominal sheet, eye sheet	2 each
	Patient's cloth	2 set
	Dirty linen bag	1
	Screen curtains	2
<b>10.1.8</b>	<b>Miscellaneous</b>	
	Teeth model with brush	1
	Torch light	2
	Nail brush	2
	Adult weighing scale	1
	Backrest	1
	Foot drop	1
	Splints of different sizes	2 each
	Bandages of different sizes	2 each
	IV stand	2
	Measuring tape	2
	Different colour buckets with cover for waste disposal practice (red, black, green, blue, yellow and purple)	1 each
	Blood pressure measuring instrument set	2
	Soap and soap dish	1
	Dust bin	1
	Hand washing facility	1
	Cardiac table	1
	Screen	2
	Bottle with solution: Methylated spirit, Betadine, Vaseline and glycerin	1 each
	Liquid paraffin	1
	Potassium permanganate crystals-packet	1
	Sodium bicarbonate power-packet	1
	Learning guide for students' practice	2

## 10.2 Basic Science Lab

<b>10.2.1</b>	<b>Bones</b>	
	• Adult human skeleton	1
	• Bones of different body parts	2 sets
<b>10.2.2</b>	<b>Models</b>	
	• Skin cross section	1
	• Heart and large blood vessels	1
	• Eye and ear model	1 each
	• Brain with spinal cord	1
	• Lung and trachea	1
	• Digestive system	1
	• Female and male reproductive system	1 each
	• Urinary system	1
<b>10.2.3</b>	<b>Charts</b>	
	• Skeleton system	1
	• Muscular system	1
	• Joints and ligaments	1
	• Nervous system	1
	• Cardio-vascular system	1
	• Respiratory system	1
	• Digestive system	1
	• Urinary system	1
	• Skin, eye and ear	1 each
	• Endocrine system	1

### 10.3 Midwifery and Newborn Skill Lab

#### 10.3.1 Anatomical Models and bones

SN	Items	Description	QTY
1.	Birth Model	Birth model ideal to demonstrate in skills and simulation mode. Abdominal examination, Vaginal examination including cervical dilation, effacement, moulding, presentation, station, Normal Delivery, Breech Delivery, Vacuum Delivery, Shoulder dystocia, Atonic and contracted uterus, Respectful maternity care	10:1
2.	Neonatal Model	Bleeding after birth, positioning and delivery of the baby, FHS, cervix landmarks, urine bladder catheterization, uterine massage, uterine compression	1
3.	Neonatal resuscitation model	Newborn resuscitation	1
4.	Pelvic model with uterus	PPIUCD, Condom Tamponade	2
5.	Pelvic model with uterus	IUCD, Uterine size and position	2
6.	Adult Resuscitation Manikin	CPR for mother	1
7.	Preterm baby model	Preterm Baby for Nasogastric/orogastric placement and tube feeding, Kangaroo Mother care	2

8.	Gynaecoid Pelvic (Uterus with ligaments)		6
9.	IV Infusion model		2
10.	Pelvic Model (with land marks)		6
11.	Fetal development model		1 set
12.	Fetus, Umbilical Cord and placenta		2 sets
13.	Fetal Skull with land mark		6
14.	Cervical Replicas	For IUCD Inserter	3
15.	Arm Model- Implant (Different size)		3
15.	IUCD Hand Model		6
16.	Breast Model		3
17	Condom Model		2
18	Anatomical models for injection in arm buttock and thigh	Can use soft doll or small piece of fruit	5
19	Pregnant abdomen model		2
20	Uterus and placenta model		2 each
21	Cervical dilatation model		2
22	Perineum cutting and suturing training simulator		2
23	Small ball (cricket, basketball, tennis) and socks for assessing dilatation of cervix		5

### 10.3.2 Antenatal Room

SN	Items	QTY
1	Birthing bed (Client bed or birthing table with privacy screen)	1
2	Physiological/normal childbirth set	5
3	Episiotomy set	2
4	Vacuum set	1
5	Exploration set	1
6	Suturing set	2
7	Ambu Bag (Adult)	1
8	B.P Instrument	2
9	Adult Weight Scale	1
10	Measuring Jug	2
11	Fetoscope (Pinard's)	4

12	Doppler	1
13	Intravenous infusion set	2
14	Water Proof Sheet (Mackintosh)	4
15	Syringe (3 ml, 5 ml, 10 ml)	5 each
16	Sterile gloves	1 packet
17	Emergency Medication Trolley with medicine	1
18	Blood sample Bottles	10
19	Personal Protection Equipment	2
20	PPIUCD set	2
21	Condom tamponade set for PPH management	2
22	Wheel chair	1

### 10.3.3 Newborn Corner

SN	Items	QTY
1	Newborn Resuscitation set and Neonatal model	2
2	Suction Tube different sizes - Penguin suction	10 2
3	Cord Clamp Or Thread	10
4	Infant Weighing Scale	1
5	Measuring Tape	4
6	Digital Thermometer	4
7	Gauze / Cotton	10 pcs
8	Gloves	1 dozen
9	Resuscitation table with light and mattress	1
10	Suction Machine (Manual and electrical)	1 each
11	Oxygen cylinder with full set	1
12	Clothes/wrappers for baby	1 set
13	Linen and blanket for baby	1 set

### 10.3.4 Postnatal Room

SN	Items	QTY
1	Bed	1
2	B.P Instrument set	1
3	Water Proof Sheet (Mackintosh)	1
4	Sterile gloves	1 packet
5	Wheel Chair	1
6	Peri light	2
7	Bed side locker	1
8	IV stand	2
9	Oxygen cylinder with complete set	1
10	Digital Thermometer	4
11	Linen and blanket for mother and baby	1 set

### 10.3.5 Infection Prevention corner

SN	Items	QTY
1	Plastic Bucket 20 Litre of 4 colours as per the national health care waste management guideline with MoHP	1 each
2	Plastic bowl (large size)	3
3	Autoclave machine	1
4	Surgical Drum stainless steel different size	3
5	Protective attire (Sterile gloves, utility gloves, plastic apron, cap, mask, goggles, boot)	2 set
6	Hand washing Facility	1
7	Chlorine powder	6 pkt
8	Detergent powder/liquid	1
9	Scissors	1

### 10.3.6 Family Planning

SN	Items	QTY
1	Contraceptive devices	
	Male and Female Condoms	1 box each
	Diaphragm	2
	Implant (Norplant/Jadel)	2 set
	IUCD /PPIUCD	2
	Injectable (DMPA)	2
	Pills	3 pkt
	Foam, Suppository, Jelly	2 each
2	Implant Insertion/Removal kit	2 set
3	IUCD Kit (Insertion and Removal kit)	1, 1
4	Female/Male Sterilization kit	1 each

### 10.3.7 Physiological Birthing set

SN	Items	QTY	Remarks
1	Instrument wrapper (double layer)	1	Packing set
2	Baby wrapper	4 each 1 meter size	
3	Rubber sheet	1 pc 1 meter	
4	Artery Forceps 8 inch	2 pc	
5	Big bowl	1	
6	Gallipot	1	
7	Cord cutting scissor	1	
8	Sponge holder forceps	1	
9	Gauze/cotton	4 pc	
10	Peri pad	4 pc	

### 10.3.8 Manual Vacuum Aspiration (MVA) set

SN	Items	QTY	Remarks
1	Set wrapper double cloth	1	
2	Tray	1	
3	Bi-valve vaginal Speculum (Double valve)/ Kuchkosh	1	

4	Volsellum	1	
5	Sponge holder	1	
6	Galley pot	1	
7	Gauze/Cotton	4 pc	
8	Kidney Tray (500 ml)	1	
9	MVA cannula different size (5-12)	1 set	
10	MVA syringe	1 set	
11	Betadine solution		
12	Disposable syringe 10cc	1	

### 10.3.9 Postpartum intrauterine contraceptive device (PPIUCD) set

SN	Items	QTY	Remarks
1	Set wrapper double cloth	1	
2	Tray	1	
3	Wrapper (perineal and abdominal wrapper)	2	
4	Sponge holder	2	
5	Kelly's forceps	1	
6	Sims Speculum	1	
7	Galley pot	1	
8	Gauze	2	
9	Antiseptic solution/Betadine	1	

### 10.3.10 Episiotomy and repair set

SN	Items	QTY	Remarks
1	Single and double wrapper	1,1	
2	Episiotomy scissor	1	
3	Tooth forceps 6 inch	1	
4	Non tooth forceps 6 inch	1	
5	Suture cutting scissor	1	
6	Needle holder 7 inch	1	
7	Artery forceps	1	

### 10.3.11 Cervical tear Inspection/Repair set

SN	Items	QTY	Remarks
1	Sim's Speculum	2	
2	Sponge holder forceps	4	
3	Needle holder 8 inch	1	
4	Suture cutting scissor	1	
5	Gallipot	1	
6	Gauze/ cotton	4,4	
7	Set Wrapper double cloth	1	
8	Chromic catgut No.1/Vicyrl no.1	1	

### 10.3.12 Newborn Resuscitation set

SN	Items	QTY	Remarks
1	Neonatalie	1	
2	Neonate Ambu Bag	1	
3	Mask No-1, No-0	1,1	

4	Suction tube ; No, 8,10	2 each	
5	Penguin Suction	1	
6	De Lee Suction	1	
7	Baby Wrapper	2	

### 10.3.13 Condom tamponade set

SN	Items	QTY	Remarks
1	Double Wrapper	1	
2	Tray	1	
3	Sims Speculum	1	
4	Sponge holder	2	
5	Scissors	1	
6	Thread/clamp	3	
7	Peri Pad	2	
8	Kidney Tray 500 ml	1	
9	Condom	2	
10	Folly's Catheter No.16 & 18	2	
11	Normal saline 500 ml	2	
12	IV Set	1	
13	Gloves Sterile	2 Pairs	

### 10.3.14 Implant Insertion set

SN	Items	QTY	Remarks
1	Wrapper double cloth	1	
2	Trocar and cannula	1	
3	Non tooth forceps	1	
4	Forceps (Sponge holder)	1	
5	Mosquito artery forceps (curved and straight)	2	
6	Gallipot	3	
7	Surgical blade No. 11/knife holder	1/1	
8	Surgical gloves	1 pair	
9	Disposable syringe 5ml	1	
10	Xylocaine 1%	1ph	
11	Betadine	1	
12	Handyplast	1	
13	Bandage	1	

### 10.3.15 Implant removal set

SN	Items	QTY	Remarks
1	Tray with cover	1	
2	Artery forceps for cleaning	1	
3	Sponge holder	1	
4	Curved forceps (small)	1	
5	Knife handle No. 3	2	
6	Gallipot	1	
7	Surgical Blade No 11	1	
8	Surgical Gloves	1	
9	Disposable Syringe 5 ml	1	
11	Xylocaine 1%	1	



12	Betadine	1	
13	Handy Plast	1	
14	Bandage roll	1 pc	
15	Gauze Piece	4 pcs	

### 10.3.16 IUCD Insertion set

SN	Items	QTY	Remarks
1.	Volsellum	1	
2.	Uterine sound	1	
3.	Bi-valve vaginal speculum	1	
4.	Sponge holder	1	
5.	IUCD drive tube	1	
6.	Gallipot	1	
7.	Kidney tray	1	
8.	Suture cutting scissor	1	

### 10.3.17 IUCD Removal Set

SN	Items	QTY	Remarks
1	Pan with cover	2	
2	Gallipot	3	
5	Non-tooth artery forceps (straight) 8 ½”	1	
6	Forceps-IUCD removal, Alligator Jaw 8”	1,1	
7	Forceps-sponge, Foerster, Straight, 9 1/2 “	3	
9	Curettage, small size	2	
10	Kidney dish	2	
11	Scissors, operating, Sims, curved 8:	6	
12	Uterine sound, Sims 12 ½”	3,3	
13	Speculum, vaginal, Graves, Small	1	
14	Speculum, vaginal Graves, Medium	3	
15	Speculum, vaginal, Graves, Large	1	

#### Additional sets

1. Antenatal examination tray
2. Vacuum delivery set with normal vaginal birth set plus; vacuum cup size number 4, 5 and 6; connecting tube; and vacuum machine (manual and electric)
3. Postnatal Examination tray
4. Newborn examination Set
5. Cord care set
6. Eye care set
7. Baby bath set
8. Peri care set
9. Eclampsia management set
10. PPH management set

#### All sets for basic health skills should be in place. These include

- Mouth care
- Bed making
- Hair wash
- Back care

- Nail care
- Sponge bath
- Catheterization
- Enema set
- IV infusion
- Vital sign
- Medication (oral and parenteral)

## 11. For Community and Nutritional Lab

### 11.1 Community bag

Items	QTY	Remarks
Digital thermometer	1	
Measuring tape/ BP instrument set	1, 1	
Fetoscope/Pinard's	1	
Hand towel	1	
Gloves	4	
Soap and soap case/sanitizer	1	
Nail brush	1	
Bag of sterile dressing	1	
Sanitary pad	12 pieces	
Urostick	1 pack	
Gauze and cotton swab packet	1 each	
Torch	1	
Common medication eg. antipyretic, analgesic, antiemetic etc.	10 each	

### 11.2 Others items in community lab

- Jeevan jal packet and sarbottom pitho
- Weighing machine (adult and children) Salter machine for infant
- Poster and flip chart on different topics eg. breast feeding, immunization, Kangaroo mother care (KMC), family planning, antenatal care, postnatal care
- Safe delivery kit
- Family planning devices
- Immunization and vaccine samples
- Growth food pyramid, MUAC tape, nutritional assessment tape for pregnant women
- Chart on different sources of nutrition
- Kitchen sets

## 12. Others Facilities

- Facilities for birthing practice in different position
  - Birthing ball
  - Birthing Chair
- Facility for postnatal examination
- Facility for antenatal examination
- Kangaroo mother care

## 14. Lists of Medicines

- Inj. Oxytocin
- Inj. Ergometrine
- Inj. Magnesium sulphate
- Inj. Calcium gluconate
- Inj. Epidocin and buscopan
- Inj. Drotin
- Tab. Mesoprostol
- Cap Depin
- Tab. Methyldopa
- Inj. Xylocaine (1%, 2% with and without adrenaline)
- Inj or tab. Antibiotics
- Tablet iron, folic acid
- Tab Calcium
- Tab Albendazole
- Inj. Pethidine
- Inj. Pentazocine
- Inj. Dexona
- Inj. Hydrocortizone
- Inj. Vitamin K
- Tab. Vitamin A
- Tab. Salbutamole
- Tab. Cetamol
- Inj. Deryphyline
- Inj. Adrenaline
- Inj. Atropine
- Inj. Sodab carbonate
- Tab. Paracetamol
- Tab. Brufen