

APPENDIX: I**EPI training for MCHWs****Pretest-posttest questionnaire for
maternal and child health worker****I. Please circle in the right statement of the following:**

- 1) Why vaccines are given to the children
 - I) To prevent the diseases
 - II) To treat the diseases
 - III) None of the above
 - IV) All of the above

- 2) Which vaccine will be given to the children
 - I) BCG
 - II) DPT
 - III) OPV
 - IV) Measles
 - V) All of above

- 3) Target population for immunization in your village development committee is
 - I) Children under 1 year of age
 - II) Children under 5 year of age
 - III) All of above
 - IV) None of above

- 4) Sterilization of the instruments have to be "cooked" for:
 - I) 20 minutes
 - II) 10 minutes
 - III) 5 minutes

5) Contra-indications for immunization:

- I) Mild fever
- II) Diarrhea
- III) None of above
- IV) All of above

II. In each statements write the letter “ T ” if the statement is true and letter “ F ” if the statement is false:

1. It is important to immunize the children suffering from malnutrition, low-grade fever, mild respiratory infections or diarrhea -----

2. The schedule for EPI is: BCG at birth - one dose, DPT & OPV three doses at the age of 6 weeks, 10 weeks and 14 weeks and measles one dose at the age of nine months -----

3. A vial of vaccine should not be open for one child -----

4. All eligible children without written proof of measles vaccination should be immunized with measles vaccine -----

5. More than one vaccine can be used at a time -----

6. “Immunization card” can be returned to the parents before completion of immunization -----

7. The most common side-effects of the vaccines is mild fever and pain that will make the child cry -----

8. Maternal and child health worker should have to trace-out the children for next session, who missed due-schedules of immunization -----

9. Is it necessary for maternal and child health worker to explain, why she should bring the child back for further immunization -----

10. House-hold visits is a methods by which MCHW can make a friendship with the community and will be able to know their problems, desires and needs regarding immunization services -----

APPENDIX II

Survey questionnaire

I. General information

Survey ID -----

House-hold no -----

Mothers Name -----

Children's Name ---

Date of interview ---

Interviewer's Name-

II. Questionnaire 1:1

A. Information about mother

1. what is your present age -----years

2. What is your level of education:

I Primary level

II Secondary level

III Above the secondary level

IV No education

3. What is your present occupation:

I House - wife

II Service

III Others

4. What is your present marital status:

I Living with husband

II Separated

III divorced

IV Widow

B. Information about children's

5. How many children's do you have:-----

6. No of male and female child's

Male -----

Female-----

7. No of under five children you have:

III. Information about children's immunization

8. How many your under five child have immunized

I. Completely -----

II. Partially -----

III. Not immunized -----

9. Have you Immunization card of your children's

I. Yes ----

II No -----

IV. Information about family

10. How many children are in your family (household)

11. How many under five children's are in your house-hold

12. May I know the monthly average income of your family:

----- Nepali currency

13. What is the present occupation of your husband
or head of the family

III. Questionnaire 1:2**A. Information about knowledge**

14. Have you heard the name of Tuberculosis, Diphtheria, Pertussis, Tetanus, Poliomyelitis and Measles

Yes -----

No -----

15. If yes, from where you have heard ?

I. Neighbors

II. Health workers

III. Mass media (radio, TV, newspaper)

16. Do you know the causes of these disease in the children

I. Yes -----

II. No -----

17. If yes, mention the causes

I By germs -----

II. Poor hygiene -----

III. Contact with Patient ----

IV. Others -----

18. If your children's have measles what will you do.

I. Consult to health worker

II. consult to traditional healer

III. No consultation

19. Number of visits by maternal and child health worker

I. Monthly

II. Weekly

III. Never

20. Distance of immunization clinic from your house

-----Km

21. Do you know these diseases can be prevented by immunization.

- I. Yes -----
- II. No -----

22. If yes, What are the name of these vaccine

- I. -----
- II. -----
- III. -----
- IV. -----

23 How many times suppose to be visit for complete immunization

- I. One --
- II. Two --
- III. Three --
- IV. Four ---

24 Tell the name of vaccines, given to the child in immunization clinic

- I. -----
- II. -----
- III. -----
- IV. -----

25 What are the miner side effects of the immunization.

- I. -----
- II. -----

26. After immunization, maternal and child health worker gives what types of information to you.

- I. Information regarding immunization
- II. Next schedule
- III. Miner side effects of vaccines
- IV. No information

27. Are you satisfied with behavior of maternal and child health worker and service provided by them.

I. Yes -----

II. No -----

28. In your opinion what could be done to improve an immunization services. _____

APPENDIX : III

Focus group discussion guideline for mothers group

1. Respondent's general background questions

SN	Name	Age	Sex	Marital status	No of children	Ed.

2. Do you know about immunization.
3. What are the minor side effects of the immunization.
4. Are you satisfied with behavior of MCHW.
5. In one month how many times MCHW visited to you
6. How you get information about EPI
7. Maternal and child health workers are available regularly.
8. Distance of clinic from your place
9. How program will be effective
10. Any suggestions

APPENDIX: IV

FGDs guideline for maternal and child health workers

1. Respondent's general background questions

SN	Name	Age	Sex	Marital status	No of children	Ed.

<p>2. Do you know about vaccines given to the child ?</p> <p>3. What are the government policy regarding immunization ?</p> <p>4. Do you know the immunization schedule for children ?</p> <p>5 Do you know the side effects of the vaccines ?</p> <p>6 Can you describe the merit and effectiveness of the immunization ?</p> <p>7 Are you doing the household visits to the community ? How many times in a month ?</p> <p>8. Are vaccines available for immunization, regularly ?</p> <p>9. How vaccines transported to the community ?</p> <p>10. Are your supervisor meet you regularly ?</p> <p>11. Are you getting help from the Female community health volunteer During immunization sessos ?</p> <p>12. Are the community leader, NGOs supports in the immunization programs ?</p> <p>13. Are you stisfied with behavior of clients ?</p> <p>14. In your openion, how program can be improved ?</p> <p>15. Any suggestions ?</p>
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APPENDIX: V**Modules of the training for maternal and child health workers****Module I****Session I: Immunization prevents the infectious diseases****Objective of the lesson:**

At the end of lesson maternal and child health worker will be able to describe, what is immunization, why immunization is necessary and in what forms vaccines are available.

Lesson regarding EPI**Vaccine prevents the diseases**

Fancying of the field, save the crops from the cattle, same like this, vaccines prevent the child from the infectious diseases.

Six vaccine preventable disease

1. Tuberculosis
2. Tetanus
3. poliomyelitis
- 4 Pertussis
5. Diphtheria
6. Measles

Learning materials

1. Photographs of the child suffering from infectious diseases

2. Vaccine vial, polio dropper, syringe and immunization card
3. IEC kit, and colored poster regarding EPI provided by UNICEF

Learning activities:

Question-answer, demonstration and discussion

I. To describe the objective of immunization, demonstration of immunization Logo and ask to the participants, what message comes from this Logo. After answering from participants, trainer will describe it.

II. Demonstration of picture having measles rash

- Ask four participant to describe it. Then close look observation of the picture by all the participants and in the last trainer will explain vaccine can prevent these disease.

Frame of discussion:

- Picture showed which one disease
- What are the symptoms of this disease
- What called it in local language
- What happen to child when they have measles
- What will have to do for prevention of measles

III. Demonstration of vaccine vial, syringe and polio dropper. Trainer will explain available forms of vaccine for this program

IV. Dcmonstration of the six vaccine preventable disease photographs. Ask to participants - to tell the name of disease showed in the photographs. Allow them to express their views freely and help them if counter argument comes from the participants.

Module II:

Session II: immunization schedules and clients dealing

Objective of the lesson:

At the end of lesson maternal and child health worker will be able to know about immunization schedules, technology used for it and their behavior towards clients.

I. Demonstration of vaccine vial, syringe and polio dropper. Trainer will explain available forms of vaccine for this program

II. Demonstration of immunization schedules chart and discussion about it. With question - answer participants will be capable to explain about immunization schedules.

III. Remembring exercise and explanation

A. After completion of discussion trainer will explain six killer disease in brief. Trainer will ask the name of these disease.

B To devide the participants in the four groups, ask them question which vaccine prevent what diseases. If answer is correct, ask to repeat 3 times to each group.

Example:

BCG for Tuberculosis

OPV for polio

DPT for Diphtheria, pertussis and tetanus

Measles for Measles

IV. Demonstration of photographs of one year non immunized child on the flannel board. Ask to participants what vaccine can be given to this child. Trainer have to encourage more discussion among the participants

. Modules III

session III: Activities to be done by maternal and child health worker

Objective of the session:

Maternal and child health worker will be able to explain their activities, which will be helpful for immunization services.

Lesson to be learn:

- To explain about immunization to the mothers during house-hold visits.
- To keep the records of children, who needs vaccination
- To inform the mothers about date, time and place of immunization session
- To provide the immunization services according to schedules

-- To explain to the mother about minor side effects of vaccines that can occur after immunization.

-- Follow-up of the children after vaccination.

Learning materials:

Photographs of the children's having these diseases, Flannel board, Sallow tape.

Learning activities

A Brain storming

1. On the basis of past experience of immunization service what type of activities will be carried out by MCHW. With this question brain storming exercise has to be done.

2. According to answer from the participant, trainer will attach photographs on the board. In the last trainer will make conclusion, including any thing left for discussion.

B. Role-play, discussion and review

Four participants will play the role and other will observe.

Role I

Mother of one year old child who has been not vaccinated. She is able to tell the name of the diseases like tuberculosis, cholera, measles by which children of their village has died. But, unable to explain about vaccine and immunization.

Role II

Mother of two child, her daughter is 5 years old and son is 9 months old. Mother had attended once immunization clinic with her son. After vaccination her child got fever, she took advice from the neighbor, but could not cured. Due to such fearness she didn't attended second schedule of immunization.

Role III

Mother having three children's aged 12 years (daughter) 10 years and 1 year sons. Reluctant to attend immunization clinic due to busy in the domestic work. Without vaccination children's are growing well. But small son have intermittently cough and diarrhea, that's why not approaching to the immunization clinic.

Role IV

Role of health worker suppose to be deal with all these problems. Actively listening the problems of mother, correctly answer the questions and during house hold visit explain about immunization schedules, age for vaccination and minor side effects.

1. After completion of role play trainer will ask to the observer participants which part of the role-play was good.
2. Ask to the role player, what difficulties they faced during role playing. What could had to be done for better performance.
3. Trainer have to review the role play.
4. Trainer have ask to the participants, main points regarding immunization and have to review they are understanding or not the basic conception of immunization.

Module IV

- 1. Observation of the immunization activities.**
- 2. Practical learning**

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