

## **Module 5. Prevention of TB**

### **Organizing Principle**

The course walks you through the different policies and procedures in NTP implementation following the chapters of the NTP MOP, 5<sup>th</sup> edition. This chapter is on prevention of TB, particularly in DOTS facilities, laboratories, in congregate settings, and among targeted vulnerable groups.

Allot about two hours for you to finish this module.

### **Learning Objectives**

After studying this module, you should be able to:

1. define key terms used in the prevention of TB
2. explain the policies in the prevention of TB
3. describe the different procedures and guidelines related to prevention of TB
4. discuss the different interventions for TB infection control
5. correctly fill-up the forms and generate reports related to isoniazid prevention therapy (IPT)

### **Underlying Concepts**

The basic principles in infection control, including standard precautions, serve as the foundation for the discussion on prevention of tuberculosis in this chapter. Details on BCG vaccination, apart from those special cases involving babies born to mothers with TB, will not be taken up as these are presumed part of the health workers' standard training on the Expanded Program on Immunization (EPI).

### **Learning Activities**

For this module, you will (i) watch a video, (ii) read documents, (iii) go through some slides, (iv) do exercises, and (v) participate in the live chat session which covers Module 4 and this module. You are expected to answer all the exercises correctly. As in the previous module, you may try as many times as needed to get all the right answers in the exercises. You also have the option to contribute in building the glossary, play an interactive game, and post a message in the discussion forum for this module. This will help reinforce your knowledge on subjects covered in this module.

Let us begin.

#### **I. Watch a video**

View the 45-second video on *Infection Control – We Beat TB* developed by the South Africa TB Program with the support of USAID. You can access it through this link:

<https://www.youtube.com/watch?v=teVX-ThcmGo&feature=relmfu>

After watching the video, can you cite at least three simple but effective means of preventing transmission of TB?

#### **II. Read Chapter 4 of the NTP MOP, 5<sup>th</sup> edition**

Start reading this chapter keeping in mind the objectives of this module. Answer the following guide questions as you go through the chapter:

- a. How is the prevention of TB achieved? (See page 54.)
- b. Explain the policies in prevention of TB. (See pages 54–55.)
- c. Define key NTP terms related to prevention of TB (See page 54.)
  1. TB infection control
  2. Administrative control
  3. Environmental control
  4. Respiratory protection controls
  5. Respirator
  6. Managerial activities
- d. Describe the proper procedures and guidelines in:
  1. TB infection control (See pages 55–57.)
  2. BCG vaccination (See page 57.)
  3. Isoniazid prevention therapy (See page 57.)

### III. Definition of Terms

Take time to study carefully the definition of terms on page 54. Jot them down to reinforce what you have read. This step is especially important for those who are new in the program.

### IV. Play a game (optional)

Click on the icon for the *Q&A sa Tamang Pag-ubo at Tuberculosis*. This interactive game will test what you know about cough etiquette. This game was developed by the TB LINC Project of the Philippine Business for Social Progress with the support of USAID. You can play it repeatedly.

### V. View Slide Set #3-A

Go through Slide Set #3-A which contains five slides on IPT. Do they look familiar? You may think that you have seen them before. You are right! These slides came from Slide Set #3 which was used in Module 3 (Case Finding.) These slides refer to the procedures for finding children and PLHIV who are eligible for IPT. You may refer back to pages 28-29 of the MOP and to Figure No. 6 on page 32 for details. It is good to go back to these pages and slides to reinforce your knowledge on how to identify those who are eligible for IPT.

### VI. View Slide Set 5

As a review of this chapter, go through Slide Set #5. This set summarizes the main points in the chapter.

Once you feel you are ready for an exercise, proceed to the next section.

### VII. Do Exercise 5.1 Identifying Who Are Eligible for Isoniazid Preventive Therapy (IPT)

Click on *Exercise 5.1* online. This exercise will test your ability to identify who are eligible for IPT. You may try as many times as needed to get the required perfect score.

If you do not agree with the “correct” answers given, raise your comments or questions in the scheduled live chat session for this module.

VIII. Do Exercise 5.2

The last exercise for this module is on filling up forms used in IPT. Please refer to the *Activity Guide for Exercise 5.2: Accomplishing NTP Forms for Isoniazid Preventive Therapy*. You are required to upload your answers to the exercises by 12:00 noon of Thursday on the week this module is scheduled.

IX. Participate in the Discussion Forum

You are required to post your comments or questions in the discussion forum for this week which will cover Modules 4, 5 and 9. Refer to the *Guide to Discussion Forums* for detailed instructions. The answers to the exercises for these modules will be discussed on Thursday afternoon of this week. You are expected to re-submit your answers to the exercises if there are errors in your initial submission. Remember that you are expected to get all the answers right.

X. Participate in the Live Chat Session (optional)

As in the previous module, you are encouraged to participate in the live chat session which will cover Modules 4, 5 and 9. The date and time for the session will be announced. Refer to the *Guide to Live Chat Sessions* for detailed instructions. Please enter the chat room at least 5 minutes before the scheduled start of the session. Be ready to share your answers to the exercises and any comments or questions you may wish to raise.

XI. Reflection

Before you leave this module, go back to the learning objectives and see if you have achieved all of them. Confirm that you have correctly answered all the exercises. If you haven't answered all questions correctly, go through the chapter and exercises again as needed. If you have, then...

**Congratulations for finishing Module 5!**

### References

Altjackflashjr. (2012, February 23). *Infection Control – We Beat TB* [video file]. Retrieved from <https://www.youtube.com/watch?v=teVX-ThcmGo&feature=relmfu>

Department of Health. (2014). *National tuberculosis control program manual of procedures 5th edition* [Electronic version]. Retrieved from [http://itis.doh.gov.ph/mop\\_2014.pdf](http://itis.doh.gov.ph/mop_2014.pdf)

Department of Health. (2014). Slide sets for training on the NTP manual of procedures 5<sup>th</sup> edition. Available from the National Tuberculosis Control Program Management Office (NTPMO) of the Department of Health

Philippine Business for Social Progress. (n.d). *Q&A sa Tamang Pag-ubo at Tuberculosis* [Interactive game]. In *Optimizing Performance through TB-DOTS Innovations and Solution (OPTions)* [Compact Discs]. Available from Philippine Business for Social Progress, PSDC Building. Real corner Magallanes Streets., Intramuros, Manila