

## **Module 7. Management of TB Drugs and Diagnostic Supplies**

### ***Organizing Principle***

The course walks you through the different policies and procedures in NTP implementation following the chapters of the MOP. This chapter is on the Management of TB Drugs and Diagnostic Supplies.

Allot 1 - 2 hours for you to finish this module.

### ***Learning Objectives***

After studying this module, you should be able to:

1. explain the importance of sound management of TB drugs and diagnostic supplies,
2. define key terms used in logistics management,
3. explain the policies in the management of TB drugs and diagnostic supplies,
4. describe the different procedures in managing TB drugs and diagnostic supplies, and
5. correctly fill up the NTP forms used in the management of TB drugs and diagnostic supplies.

### ***Learning Activities***

For this module, you are required to (a) read documents, (b) view some slides, (c) correctly answer an exercise, and (d) participate in the discussion forum which will cover Modules 6 and 7. You have also the option to participate in the live group chat session for the week. As in the previous modules, you are expected to get a perfect score for the exercise in this module, but you may try as many times as needed to get a perfect score.

Let us begin.

#### **I. Introduction**

TB diagnostic and treatment supplies are critical in ensuring that patients are diagnosed as early as possible so that treatment can be initiated immediately, thus preventing further transmission of the disease. An uninterrupted supply of diagnostic supplies and drugs is necessary for the sustained provision of quality TB diagnostic and treatment services in all service delivery facilities. It promotes better patient care, improves the public health services' credibility, and increases the patients' trust and participation in the program. This can translate to better treatment success and reduced TB deaths and contributes to better overall health in the family and community.

#### **II. Watch a video**

Watch this video published on the internet on March 2014 by Medecins Sans Frontiers (MSF) entitled "Tuberculosis: Fighting the Disease." It provides an overview of tuberculosis and the diagnostic tools and variety of drugs used in the management of TB. From this, you will get an idea of the logistical requirements for the operations of the NTP. Just click on the featured video and wait for it to play.

Alternatively, click on this link:

<https://www.youtube.com/watch?v=mb8IV0HP6BQ&index=5&list=PLpkLcO7nhYeTELNDjhD3Bt1gZhs0N91Mg>

III. Read pages 110–111 of Chapter 6

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

- a. Explain the importance of uninterrupted supply of TB diagnostic supplies and drugs (See page 110.)
- b. Define key terms used in TB logistics management (See pages 110 - 111.)
  - Product Selection
  - Quantification
  - Procurement
  - Inventory Management
  - Rational use of medicines and diagnostic supplies
  - Quality Monitoring
  - Supply Chain Management Cycle
- c. Explain in detail Figure No. 9 - Policy, Legal and Regulatory Framework of the Supply Management Cycle on page 111.

IV. Definition of terms

Take the time to study carefully the definition of terms on pages 110 - 111. Jot them down to reinforce what you have read. This step is especially important for those who are new in the program.

V. Continue reading Chapter 6

- a. Explain the policies in the management of anti-TB drugs and diagnostic supplies
- b. Carefully study Table No. 28 – Management Components and Responsible Units for Managing NTP Commodities. The roles and accountability of the various levels or organizations regarding the implementation of each policy are specified here. The monitoring of the implementation of these policies and their evaluation must not be overlooked.
- c. Describe the proper procedures in the management of TB commodities in DOTS facilities
  1. Calculation of anti-TB drugs and diagnostic supplies
    - (a) Familiarize yourself with the matrix for computation of quarterly drug requirements
    - (b) What can be used as bases for estimation of the expected number of cases for the coming quarter?
    - (c) Familiarize yourself with the matrix for computation of the annual requirements of laboratory supplies for DSSM
    - (d) Familiarize yourself with the matrix for computation of quarterly requirements of laboratory supplies for Xpert MTB/RIF
  2. Receiving supplies of medicines and diagnostic supplies
  3. Storage of drugs and diagnostic supplies
  4. Maintaining records for anti-TB drugs and diagnostic supplies
  5. Rational use of anti-TB drugs and diagnostic supplies

VI. Do Exercise #7

Click on *Exercise #7*. This exercise will test your ability to correctly accomplish a report form for logistics. You may try as many times as needed to get a perfect score. Refer to the *Guide to Exercise #7* for detailed instructions.

If you did not get the answers correctly the first time, review the chapter, then do the exercise again until you can confidently give the correct answers and justify their correctness.

If you do not agree with the “correct” answers given, post your comments or questions in the discussion forum set up for this module.

VII. Go through Slide Set #7

Go through the slides to review this module. Check out the notes for each slide. Post any questions you may have in the forum.

VIII. Reflection

Go back to the learning objectives and see if you have achieved all of them. If your answer is “no,” go through the chapter again as needed. If your answer is yes, then...

**Congratulations for finishing Module 7!**

## References

Department of Health. (2014). *National tuberculosis control program manual of procedures 5<sup>th</sup> 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

Medecins San Frontieres. (2014, March 20). Tuberculosis: Fighting the disease. [video file]. Retrieved from <https://www.youtube.com/watch?v=mb8IV0HP6BQ&index=5&list=PLpkLcO7nhYeTELNDjhD3Bt1gZhsON91Mg>