

Session 5: MDT & Treatment of leprosy

Duration: 60 min

Training objectives:

After completing this session participants will be able to:

1. Describe principle of using MDT and assigning appropriate fixed duration regimen to PAL
2. Enumerate side effects of MDT and describe the management
3. Apply definitions & identify new cases, relapses, defaulters & other cases
4. Describe instructions/ messages to be given during counselling to ensure regularity and completion of treatment

Session content:

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| 1. Criteria for grouping | 05 |
| 2. Drugs used in MDT and standard regimen and fixed duration treatment | 05 |
| 3. Definition of new cases and other cases | 10 |
| 4. Advantages of MDT | 03 |
| 4. Assessing fitness of PAL for prescribing MDT | 03 |
| 5. Treatment of PAL during pregnancy and in persons affected with Tuberculosis and HIV | 03 |
| 6. Side effects of anti- leprosy drugs and its management | 10 |
| 7. Identification of defaulter & persons with irregular treatment | 10 |
| 8. Concept of Accompanied MDT Follow up of the PAL | 05 |
| 9. Discussion | 05 |

Skills to be learnt

1. Registration of new case
2. Maintenance of Lf 01, Lf 02 & Lf 03
3. Identify new cases/ defaulter / irregular treatment, other cases
4. identify all the four BCPs of MDT

Required educational material:

- Laptop and LCD projector &/ Overhead projector (for presentations by participants)
- Recording formats around 10 copies of each (Lf 01, Lf 02, Lf 03)
- MDT blister packs: MB and PB, both in child and adult form
- Transparencies for presentation of the case
- Mix-and-match game on defaulting /short cases to clarify criteria of new cases, defaulters, irregular treatment & other cases

Reading material for Trainees:**Chapter from NLEP training manual for Medical Officers in leprosy**

- Classification & Management of leprosy
- Annexure XI Guidelines for other cases under NLEP
- Annexure XIII Revised Guidelines for MDT Management

Handouts:

Copy of the PP Presentations

Training methodology:

- Lecture Discussion using power point presentation
- Demonstration of MDT BCPs
- Hands on training for registration of cases and maintenance of records
- Mix and Match game to strengthen the definitions of various cases (hand out)
- Case studies for quiz

Conduction of session/ Methodology:

1. Power point presentation describing criteria for grouping leprosy in PB & MB, Standard regimen of MDT, its advantages, drugs used, assigning MDT regimen, concept of A-MDT, assessing fitness for prescription of MDT, side effects of MDT and its

management, follow up and ensuring completion of treatment. Management of leprosy during pregnancy and persons affected by Tuberculosis and HIV positive individuals.

2. Circulate MDT BCPs of the four regimens among participants
3. Ask participants to work in their groups to prescribe appropriate MDT regimen to the patients assessed by their group in the previous session and present criteria of prescribing a particular regime along with it.
4. Arrange a quiz/ mix and match game and discuss to strengthen the criteria to practice identification of new cases, defaulters, relapses & other cases. For quiz you may either divide the participants in two groups or let them answer individually. In case of individual quiz show the slides again and discuss them and let the participants assess themselves. In case of groups you can discuss the slides during the quiz presentation
5. Discuss case studies for maintaining the drug records (Lf-03)

Session plan:

1. Introduction of the session
2. Power point presentation for MDT & Treatment
3. Demonstration for MDT BCPs & circulation
4. Presentation on prescribing MDT regimen and maintenance of Lf- 01, Lf- 02 & Lf -03
5. Arrange quiz for defaulters
6. Case studies for maintenance of drug records

Further Reading and relevant website:

Recommended reading:

Classification and management of leprosy from training module for leprosy

- ILEP Training Guide 1: <http://manlep.wikispaces.com/space/showimage/LG1.pdf>
- ILEP Training Guide 2: <http://manlep.wikispaces.com/space/showimage/LG2.pdf>

Relevant websites:

- ILEP Training Guide 1: <http://www.ilep.org.uk/content/documentholder.htm?lg1eng.pdf>
- ILEP Training Guide 2: <http://www.ilep.org.uk/content/documentholder.htm?lg2eng.pdf>
- ILEP: <http://www.ilep.org.uk/>
- WHO: <http://www.who.int/lep/en/>