

**WORLD HEALTH ORGANIZATION
GLOBAL PROGRAMME TO ELIMINATE
LYMPHATIC FILARIASIS**

**TRAINING IN MONITORING AND
EPIDEMIOLOGICAL ASSESSMENT
OF MASS DRUG ADMINISTRATION
FOR ELIMINATING LYMPHATIC
FILARIASIS**

TRAINING IN MONITORING AND EPIDEMIOLOGICAL ASSESSMENT OF MASS DRUG ADMINISTRATION FOR ELIMINATING LYMPHATIC FILARIASIS

LYMPHATIC FILARIASIS

TAS

LEARNERS' GUIDE



Effective monitoring and evaluation are necessary to achieve the goals of LF elimination. After mass administration of medicines according to the guidelines established by WHO, programmes must be able to assess whether the interventions have succeeded in lowering the prevalence of infection to a level at which transmission is no longer likely to be sustainable. Transmission assessment survey (TAS) is designed to provide a simple, robust survey design for documenting that the prevalence of lymphatic filariasis among 6–7 year old children is below a predetermined threshold; to provide the evidence base for programme managers that MDA can be stopped; and to assure national governments that national programmes have achieved their elimination goals.

This manual is designed to teach personnel of national programmes to eliminate lymphatic filariasis, including regional and district health personnel, the essential elements of monitoring and evaluating national programmes to eliminate LF. The focus is on planning and implementing TAS as an input to decide whether to move from MDA to post-MDA surveillance.

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**World Health
Organization**

WHO Library Cataloguing-in-Publication Data

Training in monitoring and epidemiological assessment of mass drug administration for eliminating lymphatic filariasis: learners' guide.

1. Elephantiasis, Filarial – drug therapy. 2. Filariasis – drug therapy. 3. Filariasis – epidemiology. 4. Drug therapy - methods. 5. National health programs. 6. Program evaluation 7. Teaching materials. I. World Health Organization.

ISBN 978 92 4 150545 1

(NLM classification: WC 880)

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Printed in Italy.

WHO/HTM/NTD/PCT/2013.9

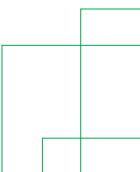
Preparation of this document was supported by the Department for International Development of the Government of the United Kingdoms of Great Britain and Northern Ireland.



Contents

Preface	v
Acknowledgements	vi
Abbreviations	ix
Introduction	xi
THEORY OF TRANSMISSION ASSESSMENT SURVEYS (TAS)	
Module 1. Background	1
Module 2. Eligibility for a TAS	7
Module 3. Evaluation unit	11
Module 4. Survey design	15
Module 5. Diagnostic tests	19
Module 6. After the survey	23
Module 7. Verification of elimination	27
PRACTICAL ASPECTS OF TRANSMISSION ASSESSMENT SURVEYS	
Module 8. Survey sample builder	31
Module 9. Timetable, budget and administration	37
Module 10. Field work	41
ANNEXES	43
Annex 1. Test to be taken by participants before and after training	66
Annex 2. Changes in editions of Monitoring and epidemiological assessment of mass drug administration—A manual for national elimination programmes between 2005 and 2011	68
Annex 3. WHO TAS Eligibility and Reporting Form	70

Annex 4. Algorithm for choosing design of TAS in areas where <i>Anopheles</i> or <i>Culex</i> is the principal vector and where <i>Aedes</i> is the principal vector	74
Annex 5. Procedure for testing blood films	75
Annex 6. Procedures for confirmatory testing	76
Annex 7. Timeline template	78
Annex 8. Checklist for planning and implementing a transmission assessment survey	79
Annex 9. Budget template	82
Annex 10. Sample data collection form for school surveys	83
Annex 11. Bench aid for new diagnostic test to detect antigen to <i>W. bancrofti</i>	85



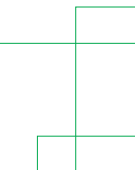


Acknowledgements

Training in monitoring and epidemiological assessment of mass drug administration for eliminating lymphatic filariasis—learners' guide was produced under the overall supervision of Dr Lorenzo Savioli, Director, and Dr Dirk Engels, Coordinator, Department of Control of Neglected Tropical Diseases.

WHO expresses its sincere thanks to all those who contributed to preparation of this document. Special thanks are due to the following individuals: Dr Steve Ault (WHO Regional Office for the Americas), Dr Riadh Ben-Ismaïl (WHO Regional Office for the Eastern Mediterranean), Ms Molly Brady (RTI International), Dr Eva-Maria Christophel (WHO Regional Office for the Western Pacific), Mr Brian Chu (Task Force for Global Health, USA), Dr Aditya Prasad Dash (WHO Regional Office for South-East Asia), Dr Amadou Garba (WHO Regional Office for Africa), Prof John Gyapong (University of Ghana), Dr Kaliannagounder Krishnamoorthy (Vector Control Research Centre, India), Dr Louise Kelly Hope (Centre for Neglected Tropical Diseases, Liverpool School of tropical Medicine, United Kingdom), Dr Patrick Lammie (United States Centers for Disease Control and Prevention), Dr Adiele Onyeze (WHO Regional Office for Africa), Dr Eric Ottesen (Task Force for Global Health, USA), Dr Reda Ramzy (National Nutrition Institute, Egypt), Dr Maria Rebollo (Centre for Neglected Tropical Diseases, Liverpool School of tropical Medicine, United Kingdom), Ms Angela Weaver (United States Agency for International Development), Ms Kimberly Won (United States Center for Disease Control and Prevention), Dr Hany Ziady (WHO Regional Office for the Eastern Mediterranean) and Ms Katie Zoerhoff (RTI International).

The training modules developed by Ms Kimberly Won (United States Center for Disease Control and Prevention) formed the basis for this document. Dr Aya Yajima (WHO Department of Control of Neglected Tropical Diseases) and Dr Kazuyo Ichimori (Focal Point for Lymphatic Filariasis Elimination, WHO Department of Control of Neglected Tropical Diseases) prepared the final draft.



Abbreviations

Ag	antigenaemia
ELISA	enzyme-linked immunosorbent assay
EU	evaluation unit
GPELF	Global Programme to Eliminate Lymphatic Filariasis
MDA	mass drug administration
Mf	microfilaraemia
ICT	immunochromatographic test
IU	implementation unit
PCR	polymerase chain reaction
RPRG	regional programme review group
TAS	transmission assessment survey
WHO	World Health Organization

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