World Health Organization Global Programme To Eliminate Lymphatic Filariasis



Lymphatic filariasis - managing morbidity and preventing disability: An aide-mémoire for national programme managers, Second edition





Lymphatic filariasis - managing morbidity and preventing disability: An aide-mémoire for national programme managers, Second edition Lymphatic filariasis - managing morbidity and preventing disability: an aide-mémoire for national programme managers, second edition

ISBN 978-92-4-001706-1 (electronic version) ISBN 978-92-4-001707-8 (print version)

© World Health Organization 2021

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; https://creativecommons.org/licenses/by-nc-sa/3.0/igo).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: 'This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (http://www.wipo.int/amc/en/mediation/rules/).

Suggested citation. Lymphatic filariasis - managing morbidity and preventing disability: an aide-mémoire for national programme managers, second edition. Geneva: World Health Organization; 2021. Licence: <u>CC BY-NC-SA 3.0 IGO</u>.

Cataloguing-in-Publication (CIP) data. CIP data are available at http://apps.who.int/iris.

Sales, rights and licensing. To purchase WHO publications, see http://apps.who.int/bookorders. To submit requests for commercial use and queries on rights and licensing, see http://www.who.int/about/licensing.

Third-party materials. If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

General disclaimers. The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

Contents

Contents Acknowledgements	iii V
New in this edition	V
Glossary	vi
The Global Programme to Eliminate Lymphatic Filariasis (GPELF) Aim of this document	X
	X
Target readers	X
Organization	Х
Section 1: Introduction	1
1.1. Lymphatic Filariasis and Associated Morbidity1.1.1 Background and epidemiology	1 1
1.1.2 Signs and symptoms	2
1.1.3 Socioeconomic burden of lymphatic filariasis	3
1.1.4 Associated disability	4
1.2 Eliminating lymphatic filariasis	ϵ
1.2.1 Background	6
1.2.2 Integrating elimination of lymphatic filariasis into the control of other diseases	8
Section 2: MMDP within the Global Programme to Eliminate Lymphatic Filariasis	10
2.1 Why manage morbidity and prevent disability? 2.2 What is MMDP?	10 10
2.3 Goals and aim of MMDP	11
2.4 Guiding principles	11
2.5 Elements of the essential package of care 2.5.1 Treating acute attacks	11 13
2.5.2 Managing lymphoedema	13
2.5.3 Managing hydrocele	15
2.5.4 Providing antifilarial medicines	16
-	
2.6 Strategic planning	17
Section 3: Planning MMDP in a national programme	19
3.1 Strategic planning and implementation 3.1.1 Situation analysis	19 19
3.1.2 Developing or updating an implementation policy and plan	21
3.1.3 Providing the essential package of care	23
3.2 Monitoring and evaluation	32
3.2.1 Reporting to the Global Programme to Eliminate Lymphatic Filariasis	33
3.2.2 National monitoring and evaluation plan	34
References	38

Annexes	41
Annex 1: Dreyer Seven-stage classification system for lymphoedema Annex 2. Simplified staging of lymphoedema for community-level health workers Annex 3. Management for seven stages of lymphoedema (or elephantiasis) Annex 4. Algorithm for determining the management of acute attacks Annex 5. Example of steps for home-based management of lymphoedema (or elephantiasis) Annex 6: Community Morbidity Register Annex 7: Examples of individual intake and follow-up forms for community health workers Example of Individual Intake Form for Community Health Worker	41 42 43 44 45 47 48
Example of Individual Follow-up Form for Community Health Workers	51
Annex 8: Example Reporting Framework from Communities to the National Level and from the Nation Level to WHO Example reporting form from community health worker (CHW) to health centre (HC) (each reporting period)	53
Example reporting form from health centres (HC) to implementation unit (IU) (each reporting period)	54
Example reporting form from implementation unit (IU) to national level (each reporting period)	55
Example reporting form from national level to GPELF (annually)	56

Web Annex A: Protocol for evaluating minimum package of care of morbidity management and disability prevention for lymphoedema management in designated health facilities https://apps.who.int/iris/bitstream/handle/10665/339870/9789240017085-eng.pdf

Web Annex B: Lymphatic filariasis: Situation analysis tool for morbidity management and disability prevention

https://apps.who.int/iris/bitstream/handle/10665/339871/9789240017092-eng.pdf

Web Resource: Lymphatic Filariasis Morbidity Management and Disability Prevention Training Workshop Modules

 $\underline{https://www.who.int/teams/control-of-neglected-tropical-diseases/lymphatic-filariasis/morbidity-management-and-disability-prevention}$

Acknowledgements

WHO acknowledges all those people who contributed to development of the Aide Memoire, in particular:

First edition contributors: Dr David Addiss, Dr Steve Ault, Dr Riadh Ben-Ismail, Ms Molly Brady, Professor Moses Bockarie, Dr Mark Bradley, Dr Eva-Maria Chistophel, Dr Georges-Pierre Capuano, Dr Aditya Prasad Dash, Dr LeAnne Fox, Dr Mary-Jo Geyer, Dr Patricia Graves, Professor John Gyapong, Dr Ralph Henderson, Dr Adrian Hopkins, Dr Julie Jacobson, Dr Christopher King, Dr Kaliannagounder Krishnamoorthy, Dr Suma Krishnasastry, Dr Patrick Lammie, Professor David Molyneux, Dr Sabine Susanne Mand, Dr Sunny Doodu Mante, Dr Adiele Onyeze, Dr Eric Ottesen, Dr Kapa Ramaiah, Dr Reda Ramzy, Dr Frank Richards, Professor Terence Ryan, Ms Angela Weaver, Professor Gary Weil, Dr Pierre Brantus, Dr Yao Sodahlon, and Professor Charles Mackenzie under the leadership of Professor Kazuyo Ichimori.

Grateful acknowledgement is also extended in loving memory of Dr Vasanthapuram Kumaraswami and Dr Dominique Kyelem who, out of deep compassion, selflessly extended their expertise and effort for the expansion and improvement of care for persons affected by lymphatic filariasis.

Second edition contributors: Updates included in this version were made by Ms Molly Brady, Dr Catherine Devries, Dr Monique Dorkenoo, Ms Brittany Eddy, Dr LeAnne Fox, Ms Unarose Hogan, Dr Walt Johnson, Dr Suma Krishnasastry, Ms Kaleigh Robinson, and Ms Caitlin Worrell under the coordination of Dr Jonathan King and the WHO Department of the Control of Neglected Tropical Diseases.

Funding for this updated version of the Aide Memoire was provided by the USAID MMDP Project.

New in this edition

Since the first edition of Lymphatic Filariasis: Managing Morbidity and Preventing Disability: An Aide-Memoire for National Programme Managers was published by the World Health Organization in 2013, significant progress has been made in reducing filarial infection globally and there has been a groundswell of support for expanding availability to morbidity management and disability prevention (MMDP) services for individuals suffering from the chronic manifestations of lymphatic filariasis (LF). Morbidity management and disability prevention remains a critically important aspect of the Global Programme to Eliminate Lymphatic Filariasis, particularly as countries approach validation of elimination of LF as a public health problem.

The new edition has been developed to make widely available to programme managers, health care workers in endemic settings, academic researchers, and other key partners, a concise source of information on strategies for MMDP for LF. It is a product of efforts to elaborate and concepts and approaches introduced in the previous edition, with a focus on ensuring that countries have the tools necessary to provide the essential package of care for LF.

In an effort to assist member states in expanding and evaluating MMDP programs, WHO has developed a toolkit of materials to provide expanded clinical, operational, and managerial standard operating procedures for planning and implementing morbidity management and disability prevention activities.

This manual is the result of collaboration between the WHO Department of Control of Neglected Tropical Diseases and the WHO Department of Emergency and Essential Surgical Care. Updates reflect new published WHO guidance and evidence to further develop concepts and approaches for implementing and monitoring MMDP programmes in endemic settings, such as:

- Harmonized terminology and definitions related to morbidity management and disability prevention
- Updated practical information for clinical management, delivery, and evaluation of clinical services for filarial lymphoedema
- Outlined new and promising therapeutics for treatment of LF infection and lymphoedema management
- Aligned morbidity management and disability prevention standard operating procedures with other relevant initiatives (e.g. SDGs and UHC) and programs (e.g. global surgery, WASH, and case management for other NTDs and other conditions)
- Elaborated indicators and processes related to MMDP for requesting validation of the elimination of LF

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5_24049

