

Tuberculosis Outbreaks in Schools

Experiences from the Western Pacific Region







Tuberculosis Outbreaks in Schools

Experiences from the Western Pacific Region



© World Health Organization 2021

ISBN 978 92 9061 936 9

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. Tuberculosis outbreaks in schools: experiences from the Western Pacific Region. Manila, Philippines. World Health Organization Regional Office for the Western Pacific; 2020. Licence: CC BY-NC-SA 3.0 IGO.

Cataloguing-in-Publication (CIP) data. 1. Disease outbreaks. 2. Tuberculosis. 3. Schools. I. World Health Organization Regional Office for the Western Pacific. (NLM Classification: WF200).

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.

For WHO Western Pacific Regional Publications, request for permission to reproduce should be addressed to Publications Office, World Health Organization, Regional Office for the Western Pacific, P.O. Box 2932, 1000, Manila, Philippines, Fax. No. (632) 521–1036, email: wpropuballstaff@who.int

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.

For inquiries and request for WHO Western Pacific Regional Publications, please contact the Publications Office, World Health Organization, Regional Office for the Western Pacific, P.O. Box 2932, 1000, Manila, Philippines, Fax. No. (632) 521–1036, email: wpropuballstaff@who.int

Photo credits: © WHO/ Yoshi Shimizu, cover; © WHO/Yikun Wang, cover.

Contents

Acknowledgements	iv
Abbreviations	v
Introduction	1
Summary of evidence	2
Country case studies	6
China	6
Japan	9
Mongolia	11
Republic of Korea	13
Conclusions	15
References	18

Acknowledgements

This report was compiled by Tracy Yuen and was overseen by End TB and Leprosy Elimination unit the World Health Organization (WHO) Regional Office for the Western Pacific (Kalpeshsinh Rahevar, Kyung Hyun Oh, Fukushi Morishita, Tauhid Islam). Country case studies were collected by WHO collaborating centres, including the Beijing Tuberculosis and Thoracic Tumor Research Institute, National Center for TB Control and Clinical Medicine, Center for Disease Control of China (Yuhong Liu, Lijie Zhang, Jingtao Gao, Liang Li), Department of International Cooperation, Innovation Alliance on TB Diagnosis and Treatment in China (Zi Chen), the Research Institute of Tuberculosis in Japan (Seiya Kato) and the Korean Institute of Tuberculosis (Cheon Tae Kim), as well as the Ministry of Health, Mongolia (S. Amarzaya).

Abbreviations

BCG bacille Calmette-Guerin

GDP gross domestic product

IDCL Infectious Diseases Control Law

IGRA interferon-gamma release assay

LTBI latent tuberculosis infection

MHLW Ministry of Health, Labour and Welfare (Japan)

MIRU-VNTR mycobacterial interspersed repetitive units-variable number of tandem repeats

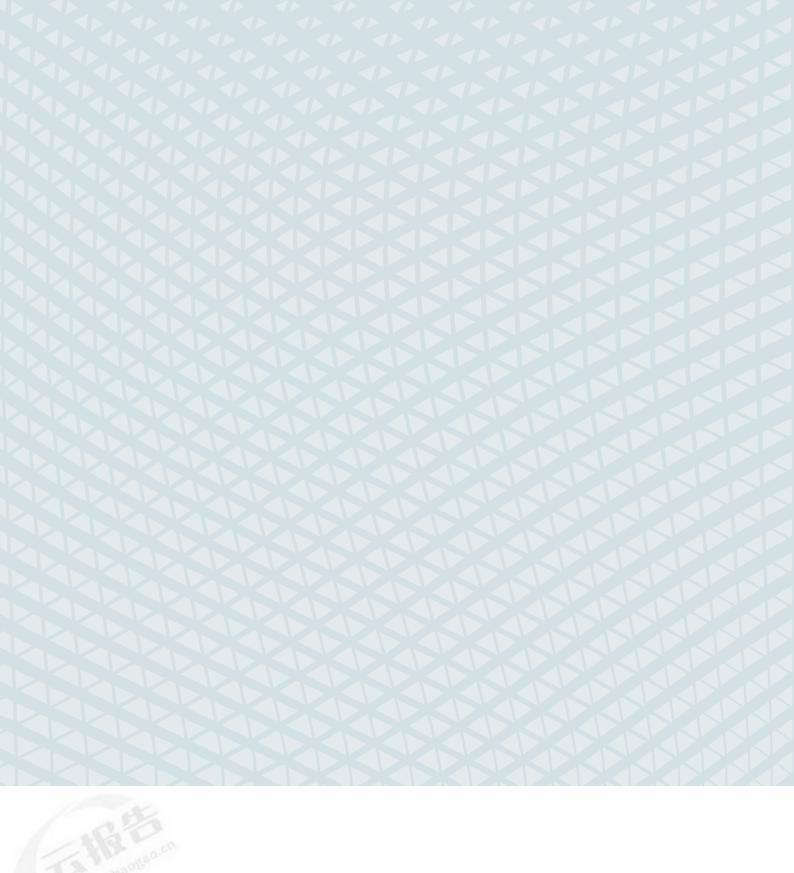
NCCD National Centre for Communicable Disease

TB tuberculosis

TST tuberculin skin test

VNTR variable number of tandem repeats

WHO World Health Organization



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_23980



