

WHO guidance on national TB prevalence surveys, 3rd edition

Meeting to review advanced chapter drafts

The Conference Centre of Varembe (CCV)
Lausanne Room (Ground floor)
Rue de Varembe 9, 1202 - Geneva, Switzerland (opposite the CICG)

28–29 June 2023

Background

One of the strategic areas of work of the WHO Global Task Force on TB Impact Measurement is priority studies to periodically measure TB disease burden. A major example is national surveys of the prevalence of TB disease.¹ WHO guidance on national TB prevalence surveys was first issued in 2007 and updated in 2011 (2nd edition: the “*lime book*”).

Between 2011 and 2022, 30 national TB prevalence surveys were completed. During this period, there have also been technological advances (e.g. Xpert assays and digital chest X-rays) that have implications for the design and implementation of prevalence surveys. A new edition of WHO guidance on national TB prevalence surveys is required to reflect these advances, as well as the experience and lessons learned from surveys implemented since 2011. Following a two-day meeting in September 2022, a follow-up two-day meeting is being convened by WHO to discuss drafts chapters that have been prepared for the 3rd edition of the guidance.

The 3rd edition of the guidance is one of the top priority technical products approved at WHO headquarters for development in the 2022–2023 biennium. It needs to be finalised at the latest by the end of 2023.

Meeting participants include global and national experts in the design, implementation, analysis and/or reporting of national TB prevalence surveys, as well as representatives from national TB programmes and experts in specific topics relevant to the new guidance. Many of those attending the meeting previously contributed to chapters of the *lime book* and most of those attending the meeting contributed to the development of a background document on diagnostic algorithms to use in future surveys (now [published](#)).

Objective

1. To review 9 chapters for which major updates (compared with the *lime book*) are required for the 3rd edition of WHO guidance on national TB prevalence surveys:
 - Ch. 3 Screening and diagnostic algorithms;
 - Ch. 4 Survey case definitions: classifying who is, and who is not, a survey TB case
 - Ch. 5 Sampling design
 - Ch. 7 Chest radiography;
 - Ch. 8 Diagnostic investigations;
 - Ch. 9 Clinical management: TB treatment, NTM and other critical interventions
 - Ch. 10 HIV and comorbidities;
 - Ch. 15. Documents and data management;
 - Ch. 16 Analysis and reporting.

Expected Outcome

1. Lead authors of all 9 chapters have received the feedback that they need to finalise chapter content.

¹ Task Force website: <https://www.who.int/groups/global-task-force-on-tb-impact-measurement>
Brochure: <https://www.who.int/publications/i/item/WHO-UCN-TB-2022.3>

DAY 1: Wednesday, 28 June 2023

Time	Topic	Presenter
09:00 – 9:30	Arrival, registration, welcome coffee	
09:30 – 09:45	Welcome and introduction of participants Declaration of conflict of interest Meeting objective and expected outcome	Katherine Floyd (Chair)
09:45 – 11:00	Ch.3 Screening and diagnostic algorithms Summary of key updates since September 2022 Key questions to the group Discussion	Katherine Floyd Irwin Law All in plenary
11:00 – 11:15 - Break		
11:00 – 12:00	Ch. 4 Survey case definitions: classifying who is, and who is not, a survey TB case Summary of key updates since September 2022 Key questions to the group Comments (if any) from meeting participants who have already carefully reviewed and provided input to chapter content Discussion	Katherine Floyd Irwin Law Mathieu Bastard Sian Floyd Eveline Klinkenberg Marina Tadolini Edine Tiemersma All in plenary
12:00 – 13:00	Ch. 5 Sampling design Summary of key updates compared with the <i>lime book</i> Key questions to the group Comments (if any) from meeting participants who have already carefully reviewed and provided input to the chapter content. Discussion	Mathieu Bastard Schadrac Agbla Sian Floyd Irwin Law Edine Tiemersma Norio Yamada All in plenary
13:00 – 14:00 - Lunch		
14:00 – 14:30	Discussion of any pending issues from the morning	All in plenary
14:30 – 16:00	Ch. 8 Diagnostic investigations Summary of key updates since September 2022 Key questions to the group Comments (if any) from meeting participants who have already carefully reviewed and provided input to chapter content Discussion	Nazir Ismail Petra de Haas Irwin Law All in plenary
16:00 – 16:15 - Break		
16:15 – 16:45	Ch. 9 Clinical management: TB treatment, NTM and other critical interventions Pending questions to the group	Marina Tadolini
16:45 – 17:00	Summary and wrap up of today's discussion	Katherine Floyd

DAY 2: Thursday, 29 June 2023

Time	Topic	Speaker
09:30 – 10:45	Ch. 15 Survey data management Summary of key updates since September 2022 Key questions to the group Comments (if any) from meeting participants who have already carefully reviewed and provided input to chapter content Discussion	Julia Ershova Rogers Sekibira Babis Sismanidis Edine Tiemersma Eveline Klinkenberg Hazim Timimi Irwin Law All in plenary
10:45 – 11:00 - Break		
11:00 – 12:00	Ch. 10 HIV and co-morbidities Brief summary of key content (including updates compared with the <i>lime book</i>) Key questions to the group Discussion	Helen Ayles All in plenary
12:00 – 13:00	Ch. 16 Analysis and reporting Brief summary Key questions to the group Comments (if any) from meeting participants who have already carefully reviewed and provided input to the chapter content. Discussion	Mathieu Bastard Sian Floyd Edine Tiemersma Norio Yamada All in plenary
13:00 – 14:00 – Lunch		
14:00 – 15:00	Ch. 7 Chest radiology Brief summary of key updates since September 2022 Key questions to the group Comments (if any) from meeting participants who have already carefully reviewed and provided input to the chapter content. Discussion	Marina Tadolini Ikushi Onozaki Eveline Klinkenberg Irwin Law Cecily Miller Vanessa Veronese All in plenary
15:00 – 15:15 - Break		
15:15 – 15:45	Status of other chapters Ch.1 Introduction Ch.2 Protocol development and standard operating procedures Ch.6 Interviews and data collection tools Ch.11 Ethical considerations and good clinical practice Ch.12 Survey organization and training Ch.13 Field operations Ch.14 Budgeting and finance, Ch.17 Report writing and dissemination Ch.18 Use of survey results Next steps in the development of the guidance	Irwin Law Eveline Klinkenberg Marina Tadolini
15:45 – 16:00	Closing remarks	Tereza Kasaeva Katherine Floyd

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