

WHO guidance on national TB prevalence surveys, 3rd edition Meeting to review advanced chapter drafts

Movenpick Hotel, Geneva, Switzerland
28–29 September 2022

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 (the “[red book](#)”) 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 (third) 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. A two-day meeting is being convened by WHO to discuss drafts of 6 chapters that have been prepared for the 3rd edition of the guidance.

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 have already contributed to the development of a background document on diagnostic algorithms to recommend in future surveys.

Objective

1. To review 6 chapters that have been drafted for the 3rd edition of WHO guidance on national TB prevalence surveys
 - a. screening and diagnostic algorithms;
 - b. case definitions;
 - c. diagnostic investigations;
 - d. documents and data management;
 - e. chest radiography;
 - f. clinical management.

Expected Outcome

1. Lead and contributing authors of the six draft chapters have been provided with suggestions for major and minor revisions that are needed prior to their finalisation.

List of documents

- Background document: National TB prevalence surveys: what diagnostic algorithm(s) should be recommended for use in future surveys?
- Chapter 3 Screening and diagnostic algorithms
- Chapter 4 Case definitions
- Chapter 7 Chest radiography
- Chapter 8 Diagnostic investigations
- Chapter 9 Clinical management: TB treatment, HIV testing and other critical interventions
- Chapter 14 Documents and data management

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>

DRAFT AGENDA

DAY 1: Wednesday, 28 September 2022

Time	Topic	Presenter
09:15 – 10:00	Arrival, registration, welcome coffee	
10:00 – 10:40	Welcome and introduction of participants Declaration of conflict of interest Meeting background, objectives and expected outcome	Katherine Floyd (Chair)
Chapter 3: Screening and diagnostic algorithms		
10:40 – 11:15	<u>Presentation:</u> Diagnostic algorithms to recommend in future surveys (Synthesis of background document, and related chapter 3 content)	Irwin Law
11:15 – 11:30 - Break		
11:30 – 12:30	Chapter 3: brief overview Chapter 3: discussion	Irwin Law All in plenary
12:30 – 13:30 - Lunch		
13:30 – 14:30	Chapter 4: Case definitions Chapter 4: brief overview Chapter 4: discussion	Irwin Law All in plenary
14:30 – 16:00	Chapter 8: Diagnostic investigations Chapter 8: brief overview Chapter 8: discussion	Nazir Ismail Farzana Ismail All in plenary
16:00 – 16:20 - Break		
16:20 – 17:00	Further discussion of chapters 3, 4 and 8 if needed	All in plenary
17:00 – 17:15	Summary and wrap up of today's discussion	Katherine Floyd

DAY 2: Thursday, 29 September 2022

Time	Topic	Speaker
09:30 – 10:45	Chapter 14: Documents and data management Chapter 14: brief overview Chapter 14: discussion	Julia Ershova Rogers Sekibira All in plenary
<i>10:45 – 11:00 - Break</i>		
11:00 – 12:30	Chapter 7: Chest radiography Chapter 7: brief overview Chapter 7: discussion	Marina Tadolini Ikushi Onozaki All in plenary
<i>12:30 – 13:30 - Lunch</i>		
13:30 – 14:30	Chapter 9: Clinical management: TB treatment, HIV testing and other critical interventions Chapter 9: brief overview Chapter 9: discussion	Marina Tadolini All in plenary
14:30 – 15:00	Drafting of other chapters: who can contribute to development and review?	All in plenary
<i>15:00 – 15:15 - Break</i>		
15:15 – 16:00	Closing remarks and next steps	Tereza Kasaeva Katherine Floyd