

References

1. Uplekar M, Weil D, Lonnroth K, Jaramillo E, Lienhardt C, Dias HM, et al. WHO's new end TB strategy. *Lancet*. 2015;385(9979):1799-801. doi:10.1016/s0140-6736(15)60570-0
2. World Health Organization. Automated real-time nucleic acid amplification technology for rapid and simultaneous detection of tuberculosis and rifampicin resistance: Xpert MTB/RIF assay for the diagnosis of pulmonary and extrapulmonary TB in adults and children. Policy update. Geneva: World Health Organization; 2013 (WHO/HTM/TB/2013.16;http://apps.who.int/iris/bitstream/10665/112472/1/9789241506335_eng.pdf, accessed 27 September 2016).
3. World Health Organization. Xpert MTB/RIF implementation manual: technical and operational 'how-to'; practical considerations. Geneva: World Health Organization; 2014 (WHO/HTM/TB/2014.1;http://apps.who.int/iris/bitstream/10665/112469/1/9789241506700_eng.pdf?ua=1, accessed 27 September 2016).
4. World Health Organization. Systematic screening for active tuberculosis: Principles and recommendations. Geneva: World Health Organization; 2013 (WHO/ HTM/TB/2013.04; http://apps.who.int/iris/bitstream/10665/84971/1/9789241548601_eng.pdf?ua=1, accessed 27 September 2016).
5. World Health Organization. Systematic screening for active tuberculosis: an operational guide. Geneva: World Health Organization; 2015 (WHO/HTM/TB/2015.16; http://apps.who.int/iris/bitstream/10665/181164/1/9789241549172_eng.pdf?ua=1, accessed 27 September 2016).
6. World Health Organization. Global tuberculosis report 2016. Geneva: World Health Organization; 2016 (WHO/ HTM/TB/2016.13; <http://apps.who.int/iris/bitstream/10665/250441/1/9789241565394-eng.pdf?ua=1>, accessed 8 November 2016).
7. Ellis SM, Flower C. The WHO manual of diagnostic imaging: radiographic anatomy and interpretation of the chest and the pulmonary system. Geneva: World Health Organization; 2006; http://apps.who.int/iris/bitstream/10665/43293/1/9241546778_eng.pdf, accessed 27 September 2016).
8. World Health Organization. Pattern recognition in diagnostic imaging. Geneva: World Health Organization; 2001 (WHO/DIL/01.2; http://apps.who.int/iris/bitstream/10665/66843/25/9241546328_eng_LR_part1.pdf, accessed 27 September 2016).

9. Daley CL, Gotway MB, Jasmer RM. Radiographic Manifestations of Tuberculosis: A Primer for Clinicians, second edition. San Francisco: Curry International Tuberculosis Center; 2011; <http://www.currytbcenter.ucsf.edu/products/view/radiographic-manifestations-tuberculosis-primer-clinicians-second-edition-printed-book>, accessed 5 October 2016).
10. Gelaw SM. Screening chest x-ray interpretations and radiographic techniques. Geneva: International Organization for Migration; 2015; http://publications.iom.int/system/files/pdf/screening_chest_xray_interpretations.pdf, accessed 27 September 2015).
11. International Commission on Radiology Education. In: International Society of Radiology [website]. Reston, VA: International Society on Radiology; 2016 (http://www.isradiology.org/goed_tb_project/imaging.php, accessed 4 October 2016).
12. ScreenTB: target prioritization and strategy selection for tuberculosis screening (active case finding). In: World Health Organization [website]. Geneva: World Health Organization, 2016 (https://wpro.shinyapps.io/screen_tb/, accessed 21 September 2016).
13. World Health Organization. Definitions and reporting framework for tuberculosis: 2013 revision. Geneva: World Health Organization; 2013 (WHO/HTM/TB/2013.2; http://apps.who.int/iris/bitstream/10665/79199/1/9789241505345_eng.pdf?ua=1, accessed 5 October 2016).
14. Diagnostic imaging - Imaging modalities. In: World Health Organization [website]. Geneva: World Health Organization; 2016 (http://www.who.int/diagnostic_imaging/en/, accessed 4 July 2016).
15. World Health Organization. The hospital in rural and urban districts: report of a WHO study group on the functions of hospitals at the first referral level. Geneva: World Health Organization; 1992(http://apps.who.int/iris/bitstream/10665/37704/1/WHO_TRS_819.pdf, accessed 5 October 2016).
16. Koppaka R, Bock N. How reliable is chest radiography? In: Frieden T, editor. Toman's tuberculosis: case detection, treatment, and monitoring. Questions and answers, second edition. Geneva: World Health Organization; 2004. p.51-60 (WHO/HTM/TB/2004.344; <http://apps.who.int/iris/bitstream/10665/42701/1/9241546034.pdf>, accessed 5 October 2016).
17. World Health Organization. Treatment of tuberculosis: guidelines for national

- programmes, third edition. Geneva: World Health Organization; 2003(WHO/CDS/TB/2003.313;http://apps.who.int/iris/bitstream/10665/67890/1/WHO_CDS_TB_2003.313_eng.pdf, accessed 5 October 2016).
18. World Health Organization. Improving the diagnosis and treatment of smear-negative pulmonary and extrapulmonary tuberculosis among adults and adolescents: recommendations for HIV-prevalent and resource- constrained settings. Geneva: World Health Organization; 2007 (WHO/HTM/TB/2007.379; http://apps.who.int/iris/bitstream/10665/69463/1/WHO_HTM_TB_2007.379_eng.pdf, accessed 5 October 2016).
19. World Health Organization: Implementing the WHO Stop TB Strategy: a handbook for national tuberculosis control programmes. Geneva: World Health Organization; 2008 (WHO/HTM/TB/2008.401;http://apps.who.int/iris/bitstream/10665/43792/1/9789241546676_eng.pdf, accessed 5 October 2016).
20. TB Care I. International standards for tuberculosis care, third edition. The Hague: TB CARE I; 2014 (http://www.who.int/tb/publications/ISTC_3rdEd.pdf, accessed 5 October 2016).
21. World Health Organization. Tuberculosis prevalence surveys: a handbook. Geneva: World Health Organization; 2011(WHO/HTM/TB/2010.17;http://www.who.int/tb/advisory_bodies/impact_measurement_taskforce/resources_documents/thelimebook/en/, accessed 5 October 2016).
22. World Health Organization. Guidance for national tuberculosis programmes on the management of tuberculosis in children, second edition. Geneva: World Health Organization; 2014 (WHO/HTM/TB/2014.03; <http://apps.who.int/medicinedocs/documents/s21535en/s21535en.pdf>, accessed 5 October 2016).
23. World Health Organization. Consolidated guidelines on the use of antiretroviral drugs for treating and preventing HIV infection: recommendations for a public health approach, second edition. Geneva: World Health Organization; 2016 (http://apps.who.int/iris/bitstream/10665/208825/1/9789241549684_eng.pdf?ua=1, accessed 5 October 2016).
24. World Health Organization. Guidelines on the management of latent tuberculosis infection. Geneva: World Health Organization; 2015 (WHO/HTM/TB/2015.01; http://www.who.int/tb/publications/ltbi_document_page/en/, accessed 5 October 2016).

25. World Health Organization. Standards for TB Care in India. New Delhi: World Health Organization Country Office for India; 2014 (http://www.searo.who.int/india/mediacentre/events/2014/stci_book.pdf, accessed 17 October 2016).
26. Migliori GB, Zellweger JP, Abubakar I, Ibraim E, Caminero JA, De Vries G, et al. European union standards for tuberculosis care. *Eur Respir J.* 2012;39(4):807-19. doi:10.1183/09031936.00203811.
27. Canadian Thoracic Society, Public Health Agency of Canada. Canadian Tuberculosis Standards, seventh edition. Ottawa, Ontario: Canadian Thoracic Society, Public Health Agency of Canada; 2013 (<http://www.respiratoryguidelines.ca/tb-standards-2013>, accessed 17 October 2016).
28. World Health Organization. Pocket book of hospital care for children: guidelines for the management of common illnesses with limited resources. Geneva: World Health Organization; 2005 (<http://apps.who.int/iris/bitstream/10665/43206/1/9241546700.pdf>, accessed 8 November 2016).
29. Practical approach to Lung Health (PAL). In: World Health Organization, Tuberculosis [website]. Geneva: World Health Organization; 2016 (http://www.who.int/tb/health_systems/pal/en/, 17 October 2016).
30. World Health Organization. WHO policy on TB infection control in health-care facilities, congregate settings and households. Geneva: World Health Organization; 2009 (WHO/HTM/TB/2009.419; http://apps.who.int/iris/bitstream/10665/44148/1/9789241598323_eng.pdf, accessed. Ottmani S-E, Scherpbier R, Pio A, Chaulet P, Ait Khaled N, Blanc L, et al, editors. Practical approach to lung health (PAL): a primary healthcare strategy for the integrated management of respiratory conditions in people five years of age and over. Geneva: World Health Organization; 2005 (WHO/HTM/TB/2005.351; http://apps.who.int/iris/bitstream/10665/69035/1/WHO_HTM_TB_2005.351.pdf, accessed 5 October 2016).
31. World Health Organization. The World Health Report. Health systems financing: the path to universal coverage. Geneva: World Health Organization; 2010 (http://apps.who.int/iris/bitstream/10665/44371/1/9789241564021_eng.pdf, accessed 5 October 2016).
32. World Health Organization. Implementing tuberculosis diagnostics: policy framework.

- Geneva: World Health Organization; 2015 (WHO/HTM/TB/2015.11; http://apps.who.int/iris/bitstream/10665/162712/1/9789241508612_eng.pdf?ua=1&ua=1, accessed 5 October 2016).
33. Frieden T, editor. Toman's tuberculosis: case detection, treatment, and monitoring. Questions and answers, second edition. Geneva: World Health Organization; 2004 (WHO/HTM/TB/2004.334;<http://apps.who.int/iris/bitstream/10665/42701/1/9241546034.pdf>, accessed 5 October 2016).
34. World Health Organization. Toolkit to develop a national strategic plan for TB prevention, care and control: methodology on how to develop a national strategic plan. Geneva: World Health Organization; 2015 (WHO/HTM/TB/2015.08; http://www.who.int/tb/publications/NSP_toolkit/en/, accessed 5 October 2016).
35. WFPI's TB Corner. In: World Federation of Pediatric Imaging [website]. Boston, MA: World Federation of Pediatric Imaging; 2015 (<http://www.wfpiweb.org/Outreach/TBCorner.aspx>, accessed 19 October 2016).
36. World Health Organization. Communicating radiation risks in paediatric imaging: information to support healthcare discussions about benefit and risk. Geneva: World Health Organization; 2016 (http://apps.who.int/iris/bitstream/10665/205033/1/9789241510349_eng.pdf?ua=1, accessed 18 October 2016).
37. International Atomic Energy Agency. Radiation protection and safety of radiation sources: International basic safety standards, interim edition. Geneva: International Atomic Energy Agency; 2011 (http://www-pub.iaea.org/MTCD/publications/PDF/p1531interim_web.pdf, accessed 17 October 2016).
38. International Commission on Radiological Protection. ICRP publication 105: radiological protection in medicine. Ann ICRP. 2007;37(6):1–63. doi: 10.1016/j.icrp.2008.08.001.
39. International Commission on Radiological Protection. The 2007 recommendations of the International Commission on Radiological Protection. Ann ICRP. 2007;37(2-4):1-332.
40. United Nations Scientific Committee on the Effects of Atomic Radiation. Sources and effects of ionizing radiation. UNSCEAR 2008 report to the General Assembly, scientific annexes. New York: United Nations Scientific Committee on the Effects of Atomic Radiation; 2008 (http://www.unscear.org/docs/publications/2008/UNSCEAR_2008_Report_Vol.I.pdf, accessed 5 October 2016).

41. Stewart FA, Akleyev AV, Hauer-Jensen M, Hendry JH, Kleiman NJ, Macvittie TJ, et al. ICRP publication 118: ICRP statement on tissue reactions and early and late effects of radiation in normal tissues and organs – threshold doses for tissue reactions in a radiation protection context. Ann ICRP. 2012; 41(1-2):1-322. doi: 10.1016/j.icrp.2012.02.001.
42. Diagnostic accuracy of CAD4TB: a systematic review. Report to WHO. Geneva: World Health Organization; 2016.
43. WHO Technical Specification for Medical Devices. In: World Health Organization, Health Technology Management [website]. Geneva: World Health Organization; 2016 (http://www.who.int/medical_devices/management_use/mde_tech_spec/en/, accessed 22 September 2016).
44. Holm T. Consumer guide for the purchase of x-ray equipment. Lund, Sweden: WHO Collaborating Centre for General and Continuing Radiological Education; 2000 (WHO/DIL/00.1; <http://apps.who.int/iris/handle/10665/66195>, accessed 5 October 2016).
45. Gie R. Diagnostic atlas of intrathoracic tuberculosis in children: a guide for low income countries. Paris: International Union Against Tuberculosis and Lung Disease; 2003 (http://www.theunion.org/whatwedo/publications/technical/english/pub_diagnosticatlas_eng.pdf accessed 5 October 2016).