TA4SI Latent Tuberculosis Infection Resources

This document contains lists of resources relevant to latent tuberculosis (TB) infection for use by providers at clinical and community-based organizations in Massachusetts. These resources were identified by the Technical Assistance for Service Integration (TA4SI) project in the course of developing a series of Fact Sheets on latent TB infection services. The Fact Sheets are for agencies receiving funding from the Massachusetts Department of Public Health (MDPH) Bureau of Infectious Disease and Laboratory Sciences (BIDLS) to provide infectious disease services.

The resources are grouped first by source. Sources that specifically cover services for BIDLS-funded providers come first, followed by those for all Massachusetts providers, followed by resources for providers across New England, etc. Within each source category, the resources are listed in alphabetical order. Each table includes the title and link to the resource, a brief description of the resource, the source of the resource, the format of the resource, the date last updated (if available), and keywords to help you find what you are looking for.

Table of Contents

The Table of Contents below lists the tables by topic. Please note that the first table is a rapid reference collection of featured resources from across all topics. The next two tables include resources that provide an overview of latent TB infection in general, covering multiple topics. After that, the tables are organized into topics that are more specific and include resources that focus on that particular topic. Please note that resources that provide a general overview may include helpful information on specific topics such as risk assessment, testing, or treatment.

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Table 1. Featured Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
MDPH	Massachusetts Tuberculosis data and statistics	Information about annual and 5-year tuberculosis data from Massachusetts, as well as national and international data, written for providers and public health practitioners.	Webpage	No date	General Data/statistics
Community Research Initiative (CRI)	Tuberculosis Drug Assistance Program	This website offers information for providers about the Tuberculosis Drug Assistance Program (TBDAP). TBDAP is a partnership between MDPH and Community Research Initiative (CRI).	Webpage	Last updated 2019	Billing
Massachusetts Department of Public Health (MDPH)	TB Information for your patients in English and other Languages	A series of four brief materials for patients in English and 22 other languages. Designed to encourage dialogue between providers and patients and motivate patients to start and complete treatment.	Webpage	2014	General Risk Assessment Testing Evaluation Treatment Adherence Support Written for the general public
University of Massachusetts Medical School	UMASS Latent TB Infection ECHO Project	General Information about the Project Echo program for providers interested in learning more about the program.	Webpage	No date	General
Rutgers Global Tuberculosis Institute	Education and Training	Information about education and training opportunities for clinical and non-clinical providers. It is recommended that providers sign-up for their distribution list.	Webpage	2020	Risk Assessment Testing Evaluation Treatment Adherence Support
Centers for Disease Control and Prevention (CDC)	Professional Resources and Tools	Information about tools for providers, resources for TB programs, and publications and products. Includes information about live, in-person and web-based trainings, on-line materials, and resources.	Webpage	Page last reviewed: December 7, 2020	General Risk Assessment Testing Evaluation Treatment Adherence Support Reporting and Analysis

Table 1. Continued

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
Institute for Healthcare Advancement	Teach-back Method	This site provides more in-depth information on the teach-back method, a research-based intervention that promotes adherence, quality, and patient safety. Teach-back is a way to ensure that health care providers have explained information clearly by asking an individual (or family member) to explain in their own works what they need to know or do to keep themselves or their loved ones healthy. By doing so, the health care provider learns whether they need to re-explain the health information, or explain it differently.	Webpage	2020	Health Literacy

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Table 2. Provider Training and Education

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Introduction: Latent Tuberculosis (TB) Infection	An introduction to latent TB infection for providers at agencies with funding from the MDPH Bureau of Infectious Disease and Laboratory Sciences (BIDLS) who are providing services or thinking of providing latent TB services.	PDF	2020	General Risk Assessment Testing Evaluation Treatment Adherence Support Reporting and Analysis Billing
TA4SI	Process Mapping Questions	A comprehensive list of questions for MDPH Bureau of Infectious Disease and Laboratory Sciences (BIDLS) agencies providing services or thinking of providing latent TB services to individuals should ask to plan or enhance their latent TB infection services.	PDF	2020	General Risk Assessment Testing Evaluation Treatment Adherence Support Reporting and Analysis Billing
MDPH	Tuberculosis	Homepage for TB related information from MDPH, which includes links to information and advisories for providers and for the general public.	Webpage	No date	General Risk Assessment Testing Evaluation Treatment Adherence Support Written for the general public
University of Massachusetts Medical School	UMASS Latent TB Infection ECHO Project	General Information about the Project Echo program for providers interested in learning more about the program.	Webpage	No date	General
Rutgers Global Tuberculosis Institute	Education and Training	Information about education and training opportunities for clinical and non-clinical providers. It is recommended that providers sign-up for their distribution list.	Webpage	2020	Risk Assessment Testing Evaluation Treatment Adherence Support

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Table 2. Continued

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
Centers for Disease Control and Prevention (CDC)	Latent Tuberculosis Infection: A Guide for Primary Health Care Providers	This resource is intended for primary care providers who care for individuals and populations who may be at risk for infection with M. tuberculosis. The guide includes latent TB infection diagnosis and treatment information, sample documentation forms, and additional resources. This document is not meant to be used as a substitute for CDC guidelines, but rather as a ready and useful reference.	Webpage	Page last reviewed: May 12, 2013	General Risk Assessment Testing Evaluation Treatment Adherence Support Reporting and Analysis
Centers for Disease Control and Prevention (CDC)	Professional Resources and Tools	Information about tools for providers, resources for TB programs, and publications and products. Includes information about live, in-person and web-based trainings, on-line materials, and resources.	Webpage	Page last reviewed: December 7, 2020	General Risk Assessment Testing Evaluation Treatment Adherence Support Reporting and Analysis

Table 3. Tools for Patient/Client Education

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
Massachusetts Department of Public Health (MDPH)	TB Information for your patients in English and other Languages	A series of four brief materials for patients in English and 22 other languages. Designed to encourage dialogue between providers and patients and motivate patients to start and complete treatment.	Webpage; PDF for printing handouts or viewing on phone	2014	General Risk Assessment Testing Evaluation Treatment Adherence Support Written for the general public
MDPH	Tuberculosis: Fact sheet about Tuberculosis.	This page provides a fact sheet in 18 languages about general tuberculosis information for persons affected by TB and the general public.	Webpage	2015	General Risk Assessment Testing Evaluation Treatment Adherence Support Written for the general public
MDPH	Understanding Tuberculosis.	Short video for the general public about tuberculosis infection	Video	2019	General Written for the general public

Table 4. TB Data and Statistics

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
MDPH	Massachusetts Tuberculosis data and statistics	Information about annual and 5-year tuberculosis data from Massachusetts, as well as national and international data, written for providers and public health practitioners.	Webpage	No date	General Data/statistics
CDC	Reported Tuberculosis in the United States	The report is aimed at providers and public health practitioners. It includes information on TB disease reported from the 50 United States, the District of Columbia (DC), five U.S. territories (American Samoa, Commonwealth of the Northern Mariana Islands, Guam, Puerto Rico, and the U.S. Virgin Islands), and three independent countries that are in compacts of free association with the United States (Federated States of Micronesia, Republic of the Marshall Islands, and Republic of Palau).	Webpage	Page last reviewed 9/14/2020	General Data/statistics
World Health Organization (WHO)	Global Tuberculosis Report	WHO report featuring data on disease trends and the response to the epidemic in 198 countries and territories. Helpful for providers or members of the general public who are interested in learning more about the global TB burden and international TB responses.	Webpage	2020	General Data/statistics Written for the general public

Table 5. Health Literacy

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
Institute for Healthcare Improvement	Ask Me 3: Good Questions for Your Good Health	Ask Me 3 is an educational program that encourages patients and families to ask three specific questions of their providers to better understand their health conditions and what they need to do to stay healthy.	Webpage PDF	No date	Health Literacy
Agency for Healthcare Research and Quality	Health Literacy Universal Precautions Toolkit, 2nd Edition: Use the Teach-Back Method	This webpage summarizes how to use the teach-back method to make sure individuals understand the information a health care provider has given them and is part of the larger Toolkit on Health Literacy Universal Precautions.	Webpage PDF	Page last reviewed 9/2020	Health Literacy General Risk Assessment Adherence Support Testing Treatment
U.S. Department of Health and Human Services	National CLAS Standards	National Standards for Culturally and Linguistically Appropriate Services (CLAS) in Health and Health Care. This resource is helpful for providers to improve the quality of services provided to all individuals and help reduce health disparities and achieve health equity.	Webpage	No date	Health Literacy Cultural Competency
Institute for Healthcare Advancement	Teach-back Method	This site provides more in-depth information on the teach-back method, a research-based intervention that promotes adherence, quality, and patient safety. Teach-back is a way to ensure that health care providers have explained information clearly by asking an individual (or family member) to explain in their own works what they need to know or do to keep themselves or their loved ones healthy. By doing so, the health care provider learns whether they need to re-explain the health information, or explain it differently.	Webpage	2020	Health Literacy

Table 6. Risk Assessment Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Component A: Risk Assessment	Fact sheet for BIDLS-contracted providers who are interested in learning more about assessing individuals for TB risk.	PDF	2020	Risk Assessment
MDPH	TB Risk Assessment	This webpage is aimed at providers and includes the Massachusetts adult and pediatric risk assessment tools and user guides for each risk assessment.	Webpage Word Documents	No date	Risk Assessment
Massachusetts Health Quality Partners (MHQP)	2018 Adult Preventive Care Guidelines - Tuberculosis	Recommendations for clinical providers for providing preventive care to adult patients from the general population.	Webpage	2018	Risk Assessment
Bright Futures and the American Academy of Pediatrics (AAP)	Recommendations for Preventive Pediatric Health Care	This resource is a pediatric recommendation for risk-based latent TB infection testing and is based on recommendations of the Committee on Infectious Diseases, published in the AAP "Red Book".	PDF	2015	Risk Assessment
US Preventive Task Force	Screening for Latent Tuberculosis Infection in Adults: US Preventive Services Task Force Recommendation Statement	Information for clinical providers about recommendations for screening adults for latent TB infection.	Webpage PDF (via JAMA, Sept 6, 2016, Vol. 316, Number 9)	Sept 6, 2016	Risk Assessment

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Table 7. Testing Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Component B: Testing	Fact sheet for BIDLS-contracted providers who are interested in learning more about testing individuals for TB infection.	PDF	2020	Testing
MDPH	Booster or Recall Effect and Two-Stage Tuberculin Skin Testing	Information for health care providers about the booster or recall effect and Tuberculin Skin Testing.	Webpage	No date	Testing
MDPH	Clinical Advisory: Latent Tuberculosis Infection Testing and Treatment for High-Risk Populations	Clinical advisory for providers about the USPSTF Final Recommendation Statement on testing for latent TB infection.	Webpage Word Document	July 1, 2018	Testing Treatment
MDPH	Model Standing Orders for Tuberculin Skin Testing	Standing orders for providers for Tuberculin Skin Testing - Updated annually	Word Document	2020	Testing
MDPH	Policy for distribution of DPH-purchased PPD	Information for providers about the Department of Public Health purified protein derivative (PPD) distribution policy.	Webpage	No date	Testing TST Risk assessment
MDPH	Testing for Tuberculosis Infection: Guidelines on the Use of Interferon-Gamma Release Assays and the Tuberculin Skin Test in Massachusetts	This webpage offers providers information to assist in determining when to test for tuberculosis (TB) infection and which diagnostic TB test to use.	Webpage	No date	Testing

Table 7. Continued

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
CDC	Fact Sheet: Targeted Tuberculosis Testing and Interpreting Tuberculin Skin Test Results	Recommendations for providers about testing populations that are at increased risk for tuberculosis (TB) infection and determining who would benefit from latent TB infection treatment.	Webpage PDF	Page last reviewed 8/21/2016	Testing TST
CDC	Fact Sheet: Tuberculin Skin Testing	Facts sheet for providers about Tuberculin Skin Testing (TST)	Webpage PDF	Page last reviewed: 11/2/2020	Testing TST
CDC	Interferon-Gamma Release Assays (IGRAs) - Blood Tests for TB Infection	This page for providers includes descriptions of IGRA, how they work, advantages and disadvantages, administration of test, interpreting test results, and recommendations of when to give the test.	Webpage PDF	Page last reviewed 5/4/2016	Testing IGRA
CDC	Latent TB Infection Testing and Treatment: Summary of U.S. Recommendations	Four-page document for providers summarizing the US recommendations for testing and treating latent TB infection.	Webpage PDF	April 2020	Testing Treatment

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Table 8. Clinical Evaluation Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Component C: Evaluation	Fact sheet for BIDLS-contracted clinical and non-clinical providers who are interested in learning more about the process of evaluating individuals with positive TB tests for TB disease and latent TB infection.	PDF	2020	Evaluation
MDPH	Massachusetts TB Outpatient Services	A list of facilities in Massachusetts that provide state-supported TB diagnostic and treatment services for individuals who have or are suspected of having TB disease or latent TB infection. This may be useful for providers and the general public to identify agencies that can evaluate and treat individuals with positive TB tests.	Webpage Word Document	No date	Evaluation Treatment Written for the general public
CDC	Diagnosing Latent TB Infection and Disease.	Information for providers about diagnosing latent TB infection and disease.	Webpage	Page last reviewed: April 18, 2016.	Evaluation
CDC	The Difference Between Latent TB Infection and TB Disease	Provider guidance about the differences between latent TB infection and TB disease.	Webpage PDF	Page last reviewed: Oct 20, 2014	Evaluation General

Table 9. Treatment Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Component D: Treatment	Fact sheet for BIDLS-contracted clinical and non-clinical providers who are interested in learning more about treating individuals living with latent TB infection	PDF	2020	Treatment
MDPH	Treatment Regimens for Latent Tuberculosis Infection in Massachusetts.	This webpage for providers discusses the three recommended regimens for the treatment of patients diagnosed with latent TB infection and how active tuberculosis (TB) disease must be ruled out before recommending a regimen.	Webpage Word Document	No date (Webpage), August 2018 (word document	Treatment
CDC	The 12-Dose Regimen for Latent Tuberculosis (TB) Infection: Information for Clinicians.	Fact sheet for clinicians about the 12-dose regimen for latent TB infection.	Webpage	Page last reviewed: Sept 21, 2016.	Treatment
CDC	Latent TB Infection Treatment FAQs for Clinicians	General Latent TB Infection Treatment FAQs for Clinicians	Webpage	Page last reviewed: June 26, 2018	Treatment
CDC, MMWR	Morbidity and Mortality Weekly Report, Recommendations and Reports / Vol. 69 / No. 1 February 14, 2020: Guidelines for the Treatment of Latent Tuberculosis Infection: Recommendations from the National Tuberculosis Controllers Association and CDC, 2020	Comprehensive guidelines for providers describing the treatment of latent TB infection in the U.S.	Webpage PDF	Feb 2020	Treatment
CDC	Patient Information: The 12-Dose Regimen for Latent Tuberculosis (TB) Infection	Information for patients about the 12-dose regimen for treating latent TB infection	PDF	No date	Treatment Written for the general public

Table 9. Continued

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
National Tuberculosis Controllers Association (NTCA)	Using the Isoniazid/ Rifapentine Regimen to Treat Latent Tuberculosis Infection (LTBI)	Two-page fact sheet for providers on using a regimen of isoniazid/ rifapentine in treating latent TB infection.	PDF	November 2018	Treatment
CDC	What You Need to Know About Your Medicine for Latent Tuberculosis (TB) Infection: Isoniazid.	Fact sheet for patients about treating latent TB infection with Isoniazid.	PDF Pamphlet	No date	Treatment Written for the general public
CDC	What You Need to Know About Your Medicine for Latent Tuberculosis (TB) Infection: Isoniazid and Rifapentine.	Fact sheet for patients about treating latent TB infection with Isoniazid and Rifapentine.	PDF	No date	Treatment Written for the general public

Table 10. Adherence Support Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Component E: Adherence Support	Fact sheet for BIDLS-contracted providers who are interested in learning more about adherence support principles.	PDF	2020	Adherence Support
MDPH	Keep taking your TB medicine	Customizable worksheet to help individuals better understand how to take their TB medication. The health care provider can fill in details. Offered in several different languages.	Webpage PDF	No date	Adherence Support Written for the general public
CDC	Staying on Track with Tuberculosis Medicine.	Guide about medication adherence written for individuals taking TB treatment.	PDF	2008, Reprinted 2015	Adherence Support Treatment Written for the general public
CDC	Treatment of Latent Tuberculosis Infection: Maximizing Adherence.	Fact sheet for providers about maximizing medication adherence.	Webpage PDF	Page last reviewed: Aug 31, 2016 (Webpage); August 2016 (PDF).	Adherence Support
Charles P. Felton National Tuberculosis Center	Adherence to Treatment for Latent Tuberculosis Infection: A Manual for Healthcare Providers.	Comprehensive guide for providers about latent TB infection medication adherence.	PDF	2005	Adherence Support Cultural Competency

Table 11. Reporting & Analysis Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Component F: Reporting and Analysis	This TA4SI-created Fact Sheet for BIDLS-contracted clinical and non-clinical providers gives an overview of conducting reporting and analysis for any component of latent TB infection services.	PDF	2020	Reporting and Analysis
MDPH	105 CMR 300.000: Reportable Diseases, Surveillance, and Isolation and Quarantine Requirements	This webpage provides a PDF link to the Code of Massachusetts Regulations relating to reportable diseases, surveillance, and isolation and quarantine requirements. For clinical and non-clinical providers.	Webpage PDF	Jan 27 2017	Reporting and Analysis
MDPH	Report a case of Tuberculosis Disease or Latent TB Infection	Instructions for providers on how to report cases of active TB disease and latent TB infection in Massachusetts	Webpage	No date	Reporting and Analysis
CDC	Data Security and Confidentiality Guidelines	This site outlines standards for clinical and non-clinical providers for facilitating the sharing of and use of surveillance data.	PDF	2011	Reporting and Analysis

Table 12. Billing Insurance Resources

Source	Title and link	Description	Format (PDF, webpage, etc.)	Date	Keywords
TA4SI	Billing	This TA4SI-developed Fact Sheet for BIDLS-contracted clinical and non-clinical providers offers billing and insurance information for latent TB infection services.	PDF	2020	Reporting and Analysis
Mass.gov	Apply to become a MassHealth provider	A webpage for providers that offers information about how to apply to be a MassHealth provider.	Webpage	No date	Reporting and Analysis
Mass.gov	Health Safety Net for Patients	This webpage gives clinical and non-clinical providers information about the Health Safety Net program.	Webpage	No date	Billing Written for the general public
MDPH	Latent Tuberculosis Infection Treatment at a Glance: June 2020	This MS Word document offers providers a series of tables that outline coverage (and related costs and restrictions) for three categories of health insurance plans: (1) silver-level Qualified Health Plans (QHPs), (2) ConnectorCare plans, and (3) Medicaid (MassHealth) plans.	Word Document	June 2020	Billing
Center for Health Law and Policy Innovation	Frequently Asked Questions: Coverage of Telehealth Services for COVID-19 and Other Treatments	This document provides answers to frequently asked questions about telehealth in the Commonwealth during the COVID-19 pandemic. It is divided into two sections: (I) Massachusetts requirements; and (II) Medicare requirements. Helpful to clinical and non-clinical providers who have the capability to provide billable services to individuals via telehealth.	PDF	April 2020	Billing Telehealth
Community Research Initiative (CRI)	Tuberculosis Drug Assistance Program	This website offers information for providers about the Tuberculosis Drug Assistance Program (TBDAP). TBDAP is a partnership between MDPH and Community Research Initiative (CRI).	Webpage	Last updated 2019	Billing
WHO	ICD-10 Version: 2019	World Health Organization (WHO) Database of ICD-10 codes for providers.	Webpage	2019	Billing

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