New Guidelines for Isolation in the Home and Community Setting

> Biennial TB & Refugee Nurse Meeting November 2024

Outline

- What would you do?
- Review of New NTCA Guidelines
- Virginia Development and Progress
- Preview of Draft Virginia Guidance and Tools
- Downstream Implications



Scenario 1

- 29 year old male
- Born in Honduras
- Productive cough x3 weeks, 15 lb weight loss
- IGRA positive
- Initial sputa 3+, PCR positive for TB
- No history of prior TB/LTBI treatment
- Works alone outside
- Lives with one roommate
- Has received 7 DOT doses of RIPE



- 1. Release from isolation now
- 2. Release from isolation after 14 doses received
- 3. Release from isolation after 14 doses and smears decrease
- 4. Release from isolation when smears convert



Scenario 2

- 80 year old male from Vietnam
- IGRA positive
- 3 month history of cough, fevers, weight loss
- Abnormal xray, no cavities
- Does not work
- Diabetic
- Lives alone
- Initial smears negative, PCR negative
- Clinical TB diagnosis
- Starting TB treatment today



- 1. Release from isolation now
- 2. Release from isolation after 5-7 doses received
- Isolate at home until 5-7 DOT doses received AND seeing clinical improvement
- 4. Release from isolation after 14 doses received



Scenario 3

- 25 year old woman
- Born in Peru
- Recent weight loss, hemoptysis, night sweats
- Hx of partial treatment for TB disease as a child
- Initial sputa smears 3+, PCR positive, rpoB mutation detected, culture growing
 - MDDR results pending
- Works in a daycare
- Has not started regimen yet



- 1. Release from isolation now
- Release from isolation after 14 doses received
- Release from isolation after 14 doses and smears decrease
- 4. Release from isolation when smears convert
- 5. Release from isolation after 14 DOT doses received **AND** seeing clinical improvement
- 6. Release from isolation after cultures convert
- 7. Need more information



Clinical Infectious Diseases





National Tuberculosis Coalition of America (NTCA) Guidelines for Respiratory Isolation and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community Settings

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- NTCA created a Guideline Development Group (GDG) with broad representation and TB expertise and experience
- Evidence Synthesis Group evaluated scientific literature to inform the GDG
- GDG reviewed ethical principles of public health decision-making

Literature review focused on the impact of isolation for persons with TB on:

- **Public health outcomes**: TB incidence and mortality
- **Patient outcomes**: mental health, stigma, and costs

Additional scoping review focused on:

 Association of sputum smear microscopy results, cough, cavitary disease on chest radiograph, and tx initiation with potential infectiousness

Respiratory Isolation and Restrictions (**RIR**) in **Community Settings**

- **Community Settings** = Home/residence, workplace, school, etc.
- Consider the potential benefits and harm for the community and the person with TB
- Final decisions should be individually tailored, considering relevant patient-specific, setting-specific, and contextual information.

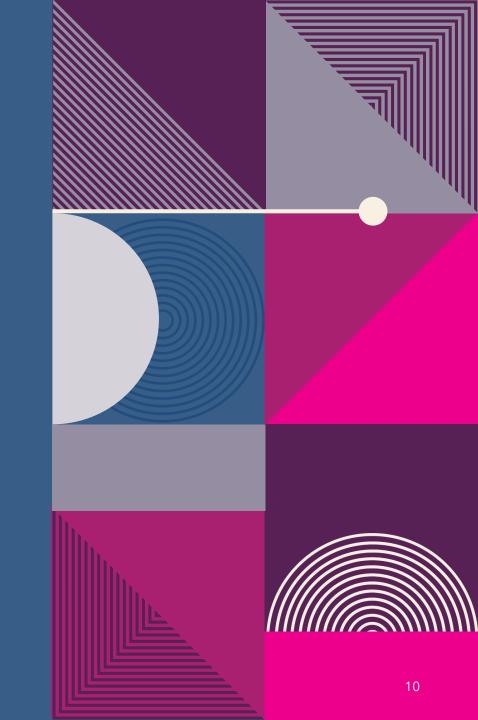
Workgroup Mission and Scope

In response to these updated guidelines, the Virginia TB Program convened a representative workgroup to develop an updated guidance document for TB isolation for use by Virginia's local health departments.

Workgroup Objectives and Goals

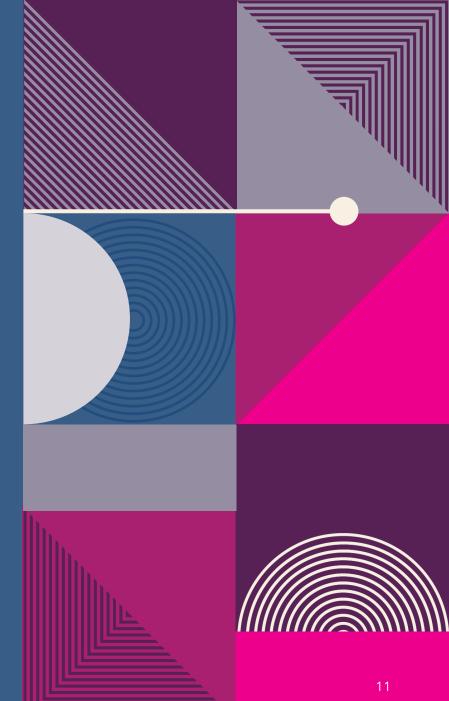
This workgroup is focused on the following two goals:

- Critically review and discuss the updated guidelines considering the implications to local health departments, and
- 2. Develop an updated guidance document for use by local health department staff.



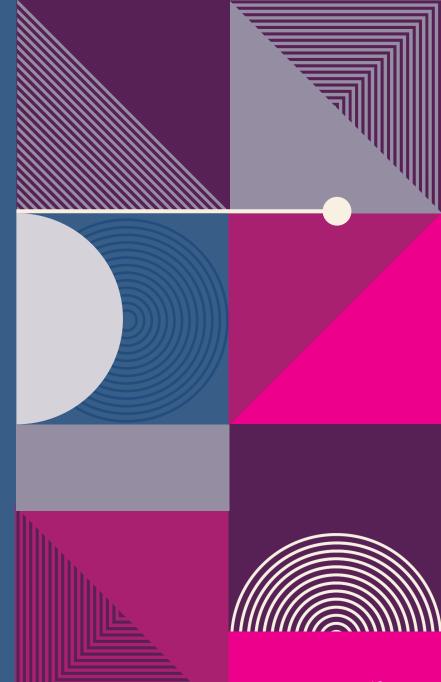
Workgroup Members

- **Central Region**: Cindy Debusk, Rosalie Bieda, Abi Nimitz, Dr. Saritha Gomadam
- **Eastern Region**: Marli Laudun, Robie Aubuchon, Michelle Lathrop, Sena Amegbletor
- Northern Region: Dr. Barbara Andrino, Raheleh Farmand, Evelyn Poppell, Emily Astorga, Nancy Lara, Sergio Suarez-Ruesta
- Northwest Region: Katrin Wince, Bindi Pathak, Dr. Allison Baroco, Lauren Padlo
- **Southwest**: Steve Bailey, Megan Carter, Autumn Logsdon, Kathy Waller, Odessa Dunaway
- **DCLS**: Kathleen Milloy, Rana Mehr
- VDH TB Program staff



Workgroup Stakeholders

- Jill Grumbine, Newcomer Health Program Manager, VDH
- Jasie Hearn, Division Director, Division of Clinical Epidemiology, VDH
- Dr. Maria Almond, Piedmont Health District Director
- Tania Shah, TB Survivor, We Are TB
- Dr. Eric Houpt, TB Program Clinical Consultant, UVA
- Dr. Tania Thomas, TB Program Clinical Consultant, UVA
- VDH Community Health Services Leadership
- Dr. Laurie Forlano, Office Director, Office of Epidemiology, VDH



Workgroup Timeline & Next Steps

 Expedited workgroup timeline – kicked off August 20th and we hope to have the new guidance and associated documents released in early 2025.

Existing TB Program Isolation Guidelines

Existing Guidelines

BOX 3. Criteria for determining when during therapy a patient with pulmonary tuberculosis (TB) has become noninfectious*

- Patient has negligible likelihood of multidrugresistant TB (no known exposure to multidrugresistant tuberculosis and no history of prior episodes of TB with poor compliance during treatment).
- Patient has received standard multidrug anti-TB therapy for 2–3 weeks. (For patients with sputum acid-fast bacilli [AFB] smear results that are negative or rarely positive, threshold for treatment is 5–7 days.)
- Patient has demonstrated complete adherence to treatment (e.g., is receiving directly observed therapy).
- Patient has demonstrated evidence of clinical improvement (e.g., reduction in the frequency of cough or reduction of the grade of the sputum AFB smear result).
- All close contacts of patients have been identified, evaluated, advised, and, if indicated, started on treatment for latent TB infection. This criterion is critical, especially for children aged <4 years and persons of any age with immunocompromising health conditions (e.g., HIV infection).
- While in hospital for any reason, patients with pulmonary TB should remain in airborne infection isolation until they 1) are receiving standard multidrug anti-TB therapy; 2) have demonstrated clinical improvement; and 3) have had three consecutive AFB-negative smear results of sputum specimens collected 8–24 hours apart, with at least one being an early morning specimen. Hospitalized patients returning to a congregate setting (e.g., a homeless shelter or detention facility) should have three consecutive AFB-negative smear results of sputum specimens collected >8 hours apart before being considered noninfectious.

TABLE 4. Criteria for release from isolation to high and lower risk settings*

Patient category	Setting	Criteria
Patient with known MDR-TB	High risk	 Three consecutive respiratory specimens, including at least one early AM or induced sputum, or bronchoalveolar lavage (BAL), collected at least 8 hours apart, are AFB smear negative, and no subsequent sputum specimen is AFB smear positive; and At least 2 consecutive negative sputum cultures without a subsequent positive culture; OR if subsequent AFB smear positive after 3 negative AFB smears, a clinical assessment has been performed and determined to most likely NOT represent viable <i>M. tuberculosis</i>; and At least 14 daily doses of appropriate[†] treatment for MDR-TB taken and tolerated, preferably by DOT; and Clinical improvement
	Lower risk**	 Three consecutive sputum specimens, including at least one early AM or induced sputum, or BAL, collected at least 8 hours apart are AFB smear negative; and At least 14 daily doses of appropriate[†] treatment for MDR-TB taken and tolerated, preferably by DOT; and Clinical improvement

^{*} These criteria for absence of infectivity with treatment should be considered general guidelines. Decisions about infectivity of a person on treatment for TB should depend on the extent of illness and the specific nature and circumstances of the contact between the patient and exposed persons.

New NTCA Isolation Guidelines

NTCA Guidelines

Two levels of restriction: Extensive restriction and Midlevel/moderate restriction

Restriction Duration

- Most persons with TB (PWTB) on appropriate TB treatment for at **least** five days (five DOT doses) have low infectious potential or are non-infectious, irrespective of sputum-based laboratory tests that are collected while on appropriate TB treatment.
- Prolonged duration may be appropriate
- Additional review or expert consultation should be considered when duration extends **beyond 14 days**.

Duration may be **extended** based on comprehensive assessment of the PWTB's infectiousness, community risks and consequences of TB transmission, and individual harms.

- Anticipated exposures to vulnerable populations including children <5, and immunosuppressed individuals
- Anticipated return to congregate living facility or densely populated environments with poor ventilation
- Known or suspected TB drug resistance where consequences of transmission should be weighted with harms of prolonged restriction

Table 1. Recommendations for Community-Based Respiratory Isolation and Restriction for Persons With Tuberculosis

ecommendation 1: Goals of RIR	1.1. The decision to recommend TB RIR should consider the potent community and the PWTB.	tial ber High pre-tre bacterial bu			Chart A: Individual Infec	tious Potential		
ecommendation 2: Defining RIR (Table 2)	2.1. RIR in community settings should be conceptualized as a spect individualized for specific circumstances (Table 2).	trum o cough/aersc						Highe
ecommendation 3: Determining infectiousness and transmission risk (Figure 1)	 Prior to effective^a ATT initiation, PWTB with higher respiratory ba NAAT positivity, cavitation on chest imaging) may be considered with lower bacterial burden, with individual variability. PWTB on less than 5 days of effective ATT should be considered longer durations of effective^a therapy. PWTB on effective^a ATT for at least 5 days should be considered likelihood of infectiousness, regardless of sputum bacteriologic microscopy or culture status), with certain exceptions.^b 	as relativ relativ characteristics dnon						ndividual infectiousness
	3.4. Overall risk of transmission to others should consider both a PV	Low pre-trea	tment					Lowe
	factors including the environment of potential exposures, durat susceptibility of contacts.	IONS O bacterial burg cough/aerso		Start		5 days	14+	Lowe
ecommendation 4: Table 2 Spectrum of Re	spiratory Isolation and Restriction for Persons With Tubercu	(TO		Effe	ective Anti-Tuberculosis T	reatment Duration		
								Highest
Extensive restriction	 Individuals should strictly limit their movement to an agreed Any exceptions to extensive RIR should be discussed and a When an individual leaves the primary site of RIR (such as for may be warranted, including but not limited to, personal pro- surgical masks, KN95, N95) for the PWTB, and efforts for in 	agreec Prolonged, freq a hea close contact in tective ventilated environ	poorly	c	hart B: Risk of TB Transmi	ssion to Others		
commendation 5: (Table 3) Midlevel/moderate	 negative-pressure rooms or HEPA filters). Visitors not living in the residence should be avoided unless protective equipment (eg, N95). 	ng an osure teris						Net Transmission Risk
restrictions	 Individual spends majority of time at an agreed-upon locatic Individual may leave the location for most outdoor activities discussion with public health department officials: a. Individual may engage in most activities in outdoor or w b. Strategies to minimize aerosols including wearing a mas particularly if there is contact with previously unexposed 	rell-vei k (ie, s d ie die						Net Trans
ffective ATT is defined lo single test or ATT du	c. Indoor activities should avoid prolonged (eg, multiple ho	the train the restored		Inc	dividual infectiousness		High	
hers after the first few raluation, community-b	previously exposed or vulnerable populations (eg, childr d. Indoor activities in settings of poor ventilation or dense		woidoda					Lowest
ectiousness include th	e. In settings at higher risk of transmission (eg, healthcare			n to vulnerable no	onulations (eq			
inical response to ATT; settings and situations uration of RIR in such s norter durations. longer	immunosuppressed, children), additional measures to to, personal protective equipment (eg, N95 masks) for for improved ventilation (eg, negative-pressure room	able 3. Integrated Sch	ematic and Dec			ratory Isolation and Restrie	ction Recommendat	ions for Individua
days.	3. Visitors should be avoided unless approved by the local	ecommendation 3: Deter	mining Infectiou	sness	Recommendation 4: Determining RIR	Recommendation 5: Level of RIR	Ν	otes
No restriction Levels should not be considered	1. Individuals have no restrictions and may engage in daily A	TT status Pretreatm respirat	ory	ssessment of individual	Is RIR indicated? ^c	What level of RIR to choose? (Rec 2;	Specific recommo balance commo	endations should unity and patient
	d consequences of transmission to others (Figure 1, chart B) and are su			infectiousness ^{a,b}	Ver (Res 4.0)	Table 2)	risks and benef	
^a Studies suggest that transmiss	iency particulate air; PWTB, person or persons with tuberculosis; RIR, rr Pi ion risk is lower in outdoor settings and locations with natural ventilation a e likelihood of transmission from a PWTB to an exposed contact incluc	retreatment High Low		ighest (Rec 3.1) Ioderate (Rec 3.1)	Yes (Rec 4.3) Yes (Rec 4.3)	Extensive Extensive or moderate (Rec 5.1)	Support should b mitigate harm t	e provided to to PWTB (Rec 5.3)
contacts are not infected after	osure that defines likelihood of transmission. While short durations c Tr longer durations (weeks to months) of intensive exposure. Overall, th , >8 h), in indoor settings at close proximity.	reatment High ≤5 d Low	м	loderate (Rec 3.2) loderate/low (Rec 3.2)	Yes (Rec 4.3) Yes (Rec 4.3)	Moderate (Rec 5.1) Moderate (Rec 5.1)		
		reatment High >5 d Low	Lo	ow (Rec 3.3) ^b west (Rec 3.3)	Not indicated in most situations (Rec 4.2) ^d	None None	Individual excepti may be conside	ons to continue R ered (Rec 5.2) ^d



VDH Draft Documents

VDH

Isolation and Respiratory Restrictions for Persons with Infectious Active Tuberculosis in Household and Community Settings: Virginia Department of Health Guidance for Local Health Departments

November 1, 2024

Summary/Purpose

In light of updated national guidelines released in 2024, this document is designed to assist Virginia Department of Health (VDH) TB clinical teams when making decisions about the use of respiratory isolation and restrictions (RIR) for a person with potentially infectious active TB. Care and management of anyone with active tuberculosis (pulmonary or extrapulmonary) should be in coordination with VDH and local health departments.

In this document, the term RIR is used to delineate both physical isolation of a person with TB (PWTB) and restrictions on movement or activities that would place the PWTB in contact with other susceptible individuals. RIR is only necessary for patients with infectious (or potentially infectious) active TB disease, to reduce risk of infection of others, and it is not recommended for persons with noninfectious forms of TB (i.e., localized extrapulmonary TB without pulmonary or larvngeal involvement, as confirmed by sputum bacteriologic studies and/or chest imaging), RIR is not used for individuals diagnosed with latent TB infection (LTBI), which is not infectious. These guidelines reflect changes to recommendations for implementation of RIR in a household or general community setting (e.g., workplace, school), Recommendations for healthcare (e.g., hospitals, nursing homes) and congregate settings (e.g., correctional facilities, homeless shelters, assisted living facilities) are unchanged and not addressed in this document. Resources for these settings are available from the Centers for Disease Control and Prevention (CDC).

Introduction/Background

Isolation of patients with infectious active tuberculosis (TB) disease is a fundamental element of public health patient management to prevent further transmission of TB. RIR is not recommended for persons with noninfectious forms of TB (i.e., localized extrapulmonary TB without pulmonary or laryngeal involvement, as confirmed by sputum bacteriologic studies and/or chest imaging). RIR is not used for individuals with LTBI, which is not infectious. Isolation is also rarely recommended for young children (under the age of ten), as they are not typically infectious. Isolation involves physical separation of a PWTB from others, including the use of separate airspace, but also involves placement of restrictions on the patient's contact with others and many daily activities such as travel, work, shopping, attending religious services, etc.

Characteristics That Increase Infectiousness	Behaviors That Increase Infectious Potential
Pulmonary, laryngeal, or pleural TB	Coughing
AFB+ sputum smear	Sneezing
Cavitation on chest radiograph	Singing
Adolescents or adult patient	Laughing
No or ineffective treatment of TB disease	Close social network

Pleural & larvnzeal disease sites are grouped with respiratory disease.

Sputum cultures can yield M. to even when no lung abnormalities are apparent on

The significance for infectiousness of results from respiratory specimens other than expectorated sputum is undetermined. Experts recommend that these specimens be regarded as equivalent to sputum for determining infectiousness only if sputa cannot be obtained. Patients with lung cavities typically are more infectious than patients with non-cavitary Cough frequency and severity is associated with increased transmission risk

effective treatment. However, the exact rate of decrease cannot be predicted

Transmission from children aged <10 years is unusual. When transmission occurs, it is generally associated with the presence of pulmonary forms of disease typically seen in adult HIV infection has no affect on potential infectiousness. Each patient must be evaluated individually. When drug resistance is NOT present. TB patients rapidly become less contagious after startin Environmental conditions such as the size of the space and ventilation as well as the length of

exposure must be considered when determining potential transmission.

Modified isolation

Addressi Addression Extension Control of States, MMWR 2005; 54(R+22) Manuals Shah, et al, National Tuberculosis Collition of America (MTCA) Guidelines for Registrary Isolation and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community Settings, Clinic infector of Streams, 2018, Theorem 2018 Control of States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community Settings, Clinic infector of Streams, 2018, Theorem 2018, States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community Settings, Clinic infector of States, 2018, States and States and States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community Settings, Clinic infector of States, 2018, States and States and States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community, Settings, Clinic infector of States, 2018, States and States and States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community, Settings, Clinic infector of States, 2018, States and States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community, Settings, Clinic infector of States, 2018, States and States and States and Restrictions to Reduce Transmission of Pulmonary Tuberculosis in Community, Settings, Clinic States and Sta

Table 2: Spectrum of Respiratory Isolation and Restriction for Persons with Tuberculosis

1. PWTB should strictly limit their movement to an agreed-upon location, such as a home or other residence. Extensive restriction 2. PWTB may leave the agreed-upon location to spend time outside (e.g., go for a walk) without interacting closely with 3. When a PWTB leaves the primary site of RIR (such as for a healthcare visit), additional measures to reduce TB transmission risk may be warranted, including but not limited to, personal protective equipment (e.g., surgical masks) for close contacts, surgical mask for the PWTB, and efforts for improved ventilation (e.g., open windows during transportation in cars, negative-pressure rooms or HEPA filters). 4. Avoid visitors until the PWTB is no longer under RIR. If visitors are unavoidable, encourage visiting outside or while masked (as resources permit). Consider providing TB education resources in appropriate languages 5. PWTB should avoid close or prolonged (e.g., multiple hours) contact with and wear a surgical mask (as resources permit) around those in the home/residence who are vulnerable to TB infection/progression (e.g., children, immunosuppressed individuals) Midlevel/moderate restriction 1. PWTB spends majority of time at an agreed-upon location, such as a home or residence. PWTB may leave the location for most outdoor activities and some time-sensitive medical appointments, as determined through discussion with the local health department. a) Indoor activities in the home or residence should avoid or minimize close contact with others, particularly

TB Transmission - Effect of Index Patient Characteristics and Behaviors and Release from Respiratory Isolation and Restrictions

treatment.

observed therapy)

HIV infection

early morning specimen

Criteria for determining when a patient with pulmonary TB

ecomes non-infectious during treatm Patient has negligible likelihood of multidrug-resistant TB (no known exposure to multidrug-resistant TB, no history of prior episode of TB with poor compliance during

Additional considerations for release from respiratory

isolation and restriction in any setting

· Patient has received appropriate TB treatment for >5 days for individuals with low infectious potential. Longer duration (5-14 days) may be indicated for individuals with

moderate or high pretreatment bacterial burden and/or higher infectious potential. Patient has demonstrated complete adherence to treatment (e.g., is receiving directly

Patient has demonstrated evidence of clinical improvement (e.g., reduction in the

All close contacts of patients have been identified, evaluated, advised and, if indicated, started on treatment for latent TB infection. This criterion is critical especially for children

Potential harm experienced by patient during isolation (mental health, stigma, etc.) Additional considerations for hospitalized patients

While in hospital for any reason, patients with pulmonary TB should remain in airborne

demonstrated clinical improvement, and 3) have three consecutive AFB-negative smear

results of sputum specimens collected at least 8 hours apart, with at least one being an

Hospitalized patients returning to a congregate setting (e.g., a homeless shelter, detention

facility or nursing home) should have three consecutive sputum AFB-negative smear results collected at least 8 hours apart before being considered noninfectious.

infection isolation until they 1) are receiving appropriate TB treatment: 2) have

aged <5 years and persons of any age with immune-compromising health conditions (e.g.

frequency of cough or other clinical improvement.)

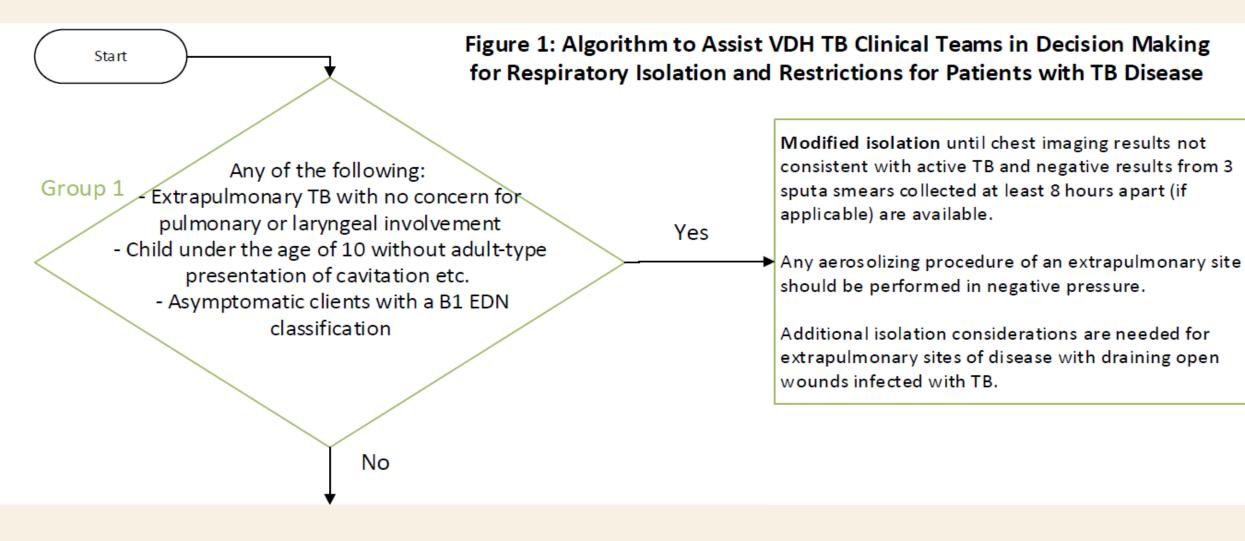
- individuals not previously exposed or vulnerable populations (e.g., children, immunosuppressed individuals); b) Strategies to minimize aerosols including wearing a surgical mask by the PWTB and close contacts, should be utilized for indoor activities, including in the home or residence, when vulnerable or previously unexposed individuals are present
 - c) Avoid visitors until the PWTB is no longer under RIR. If visitors are unavoidable, encourage visiting outside or while masked (as resources permit). Consider providing TB education resources in appropriate languages.

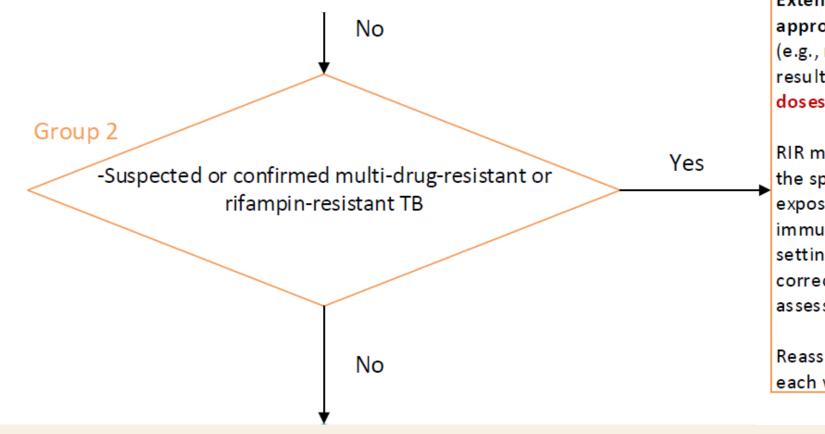
1. Individual spends majority of time at an agreed-upon location, such as a home or residence 2 Individual may leave the location for outdoor activities without wearing a surgical mask. 3. Individual may leave the location for indoor activities while wearing a surgical mask, to include time sensitive medical

- appointments. 4. Avoid visitors during the modified isolation period. If visitors are unavoidable, encourage visiting outside or while
- masked (as resources permit). Consider providing TB education resources in appropriate languages.

	st VDH TB Clinical Teams in Decision Making nd Restrictions for Patients with TB Disease
roup 1 Any of the following: Extrapulmonary TB with no concern for pulmonary or laryngeal involvement Child under the age of 10 without adult-type presentation of cavitation etc. Asymptomatic clients with a BLEDN	Modified isolation until chest imaging results not consistent with active TB and negative results from 3 sputs amers collected at least 8 hours apart (if applicable) are available. Any aerosoliting procedure of an extrapulmonary site should be performed in negative pressure.
classification	Additional isolation considerations are needed for extrapulmonary sites of disease with draining open wounds infected with TB.
No No	Extensive restriction until tolerating and adherent to appropriate TB treatment as determined by laboratory (e.g., molecular or phenotypic drug susceptibility results) and/or clinical evaluation, for at least 5 DOT doses AND clinical improvement.
-Suspected or confirmed multi-drug-resistant or rifampin-resistant TB	RIR may be extended due to potential consequences of the spread of durg-resistant disease, anticipated exposure to children 53 years of age or to immunosuppressed individuals, return to a congregate setting to live (e.g., group home) or work (e.g., correctional facility), and based on clinical team's assessment of illness and community risks.
No	Reassess RIR needs and mental health and wellbeing each week.
oup 3 Yes	Extensive restriction until tolerating and adherent to appropriate TB treatment for at least 5 DOT doses AND clinical improvement. May consider additional days of extensive or moderate
Extensive disease	restriction based on clinical team's assessment of illness and community risks.
No	each week.
roup 4 Any of the following: - Immunosuppression yes	Moderate restriction until client tolerating and adherent to appropriate TB treatment for at least 5 DOT doses AND clinical improvement if symptomatic (e.g., reduced couph, weight gain, etc.).
- Lives or works in high-risk community setting - Works in high-risk congregate setting	May consider additional days of moderate restriction based on clinical team's assessment of illness and community risks.
	Reassess RIR needs and mental health and wellbeing each week.
No	Moderate restriction until tolerating and adherent to appropriate TB treatment for at least 5 DOT doses.

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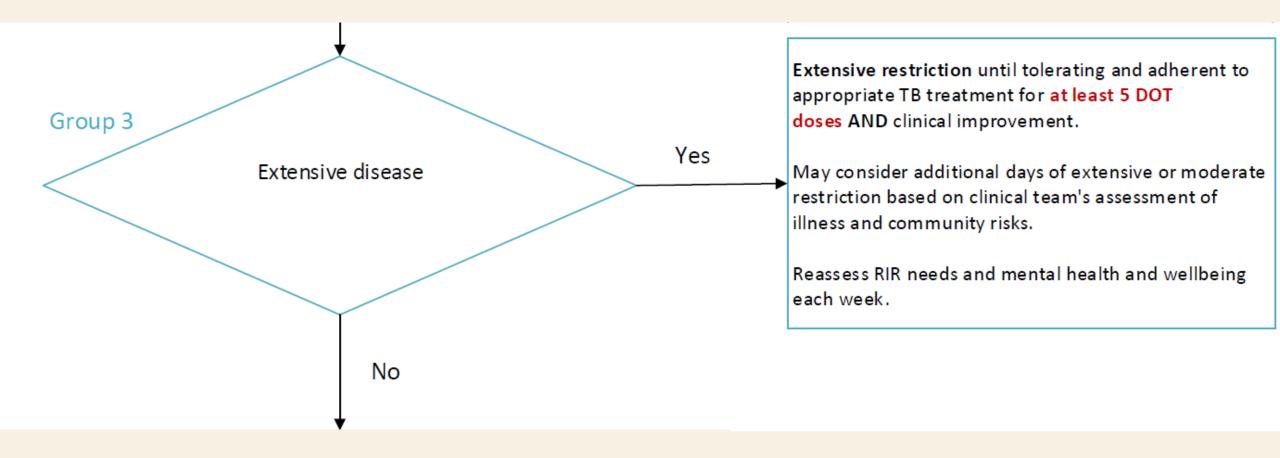


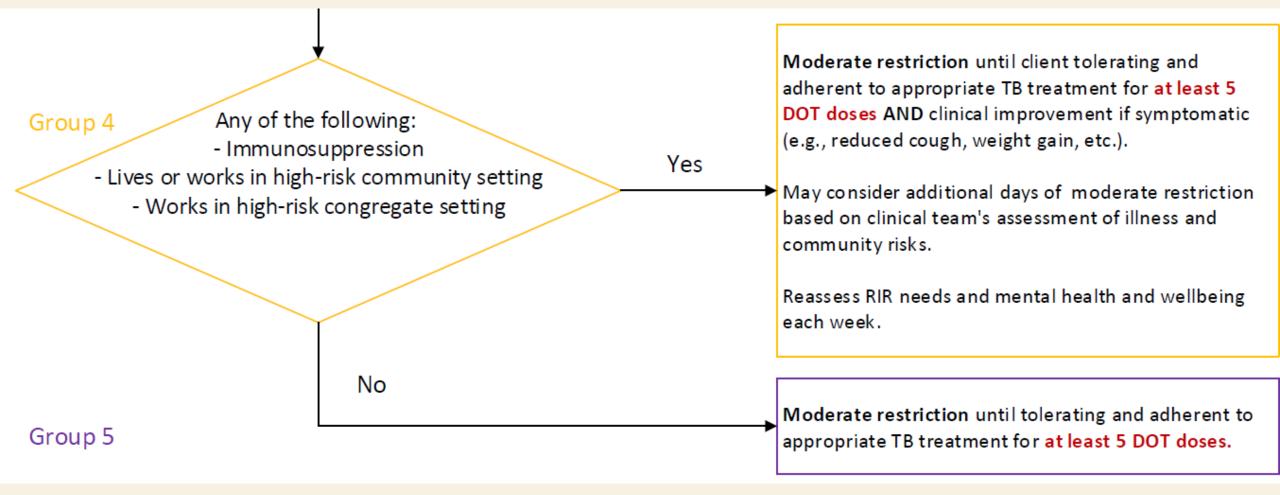


Extensive restriction until tolerating and adherent to appropriate TB treatment as determined by laboratory (e.g., molecular or phenotypic drug susceptibility results) and/or clinical evaluation, for at least 5 DOT doses AND clinical improvement.

RIR may be extended due to potential consequences of the spread of drug-resistant disease, anticipated exposure to children <5 years of age or to immunosuppressed individuals, return to a congregate setting to live (e.g., group home) or work (e.g., correctional facility), and based on clinical team's assessment of illness and community risks.

Reassess RIR needs and mental health and wellbeing each week.





Major Shifts



Reduced emphasis on smear status after initiation of appropriate TB treatment

Increased emphasis on effectiveness of appropriate TB treatment



Potential for more clients to be released sooner (after 5 DOT doses of appropriate TB treatment)

Downstream Impacts

Guidance/Documents:

- <u>Recommended Sputum Sample Collection Schedule</u>
 - Will continue to monitor for sputum culture conversion
- TB Transmission Effect of Index Patient Characteristics and Behaviors
- Virginia TB Law Guidebook
 - No legal language is changing

Patient

- Reduced time away from work/family
- Potential for reduced sputa collection
- Potential for improved mental health/well-being during treatment

Programs

- Potential for reduced housing expenses and disruption when placing patient or family in a motel
- More clinical team decision making about level and extent of restrictions (e.g., determine if extensive disease, evaluating location of isolation, etc.)

Discussion



Based on these changes, have you had a client in the past who you could have released earlier from isolation, if using the new guidelines?

- 1. Yes
- 2. No
- 3. Unsure

Discussion



How do you feel about implementing these changes?

- 1. Ready to go!
- 2. My team would implement, but in a very limited way
- 3. Nervous
- 4. Not sure

Open discussion