REQUEST FOR TUBERCULOSIS MEDICATIONS PROCEDURE MANUAL

North Dakota Department of Health

2017



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Background of TB Program and Goals

The North Dakota TB and Prevention Program is structured to eliminate TB in North Dakota.

Current strategies are effective in controlling TB, but not sufficient to promote progress toward the goal of eliminating TB in the United States. Current TB control priorities remain important to prevent a resurgence of TB, but expanded measures and new strategies are needed to achieve TB elimination. Targeted testing and treatment of latent TB infection in populations at high risk for TB are key strategies for lowering incidence and moving toward elimination.

Program Objectives and Performance Targets to eliminate TB in North Dakota include:

Goals for Reducing TB Incidence

- Reduce the incidence of TB disease
- Decrease the incidence of TB disease among US-born persons
- Decrease the incidence of TB disease among foreign-born persons
- Decrease incidence of TB disease among US-born non-Hispanic blacks or African Americans
- Decrease the incidence of TB disease among children younger than 5 years of age

Objectives on Case Management and Treatment

- Increase the proportion of TB patients who have a positive or negative HIV test result reported
- For TB Patients with positive acid-fast bacillus (AFB) sputum-smear results, increase the proportion who initiate treatment within 7 days of specimen collection
- For patients whose diagnosis is likely to be disease, increase the proportion who are started on the recommended initial 4-drug regimen
- For TB patients ages 12 years of age or older with a pleural or respiratory site of disease, increase the proportion who have a sputum culture result reported
- For TB patients with positive sputum culture results, increase the proportion who have documented conversion to negative results within 60 days of treatment initiation
- For patients with newly diagnosed TB disease for whom 12 months or less of treatment is indicated, increase the proportion who complete treatment within 12 months

Objectives on Contact Investigations

- For TB patients with positive AFB sputum-smear results, increase the proportion who have contacts elicited
- For contacts to sputum AFB smear-positive TB cases, increase the proportion who are examined for infection and disease
- For contacts to sputum AFB smear-positive cases diagnosed with latent TB infection, increase the proportion who start treatment
- For contacts to sputum AFB smear-positive TB cases who have started treatment for latent TB infection, increase the proportion who complete treatment

Who is eligible to receive TB medications?

The North Dakota TB Prevention and Control Program provides medication for all LTBI cases as well as all suspected/confirmed cases of TB disease for all individuals residing in North Dakota. Century Code 23-07.1-02 states medications for latent TB infection (LTBI) and active TB disease will be provided at no cost to the infected individual.

NDDoH contracts with public health to provide case management for all infected individuals during their treatment regimen.

Treatment of Latent TB Infection (LTBI)

Treatment should be initiated after the possibility of TB disease has been excluded. Treatment regimens use isoniazid (INH), rifampin (RIF) or isoniazid/rifapentine (3HP).

To receive medication(s) for LTBI the following items are needed:

- 1. Completed Request for Latent TB Infection Medications form
- 2. Radiology report of chest x-ray
- 3. e-Script sent to UND Center for Family Medicine Bismarck

If the patent has no risk factors for TB, the chest x-ray must be dated within 6 months of the medication request.

If the patient has any of the following risk factors for TB, the chest x-ray must be dated within 3 months of the request for medications.

- Persons who have immigrated (within the last 5 years) from areas of the world with high rates of TB
- Children less than 5 years of age who have a positive TB test
- Groups with high rates of TB transmission, such as homeless persons, injection drug users, and persons with HIV infection
- Persons who work or reside with people who are at high risk for TB in facilities or institutions such as hospitals, homeless shelters, correctional facilities, nursing homes, and residential homes for those with HIV
- Substance abuse
- Silicosis
- Diabetes mellitus
- Severe kidney disease
- Low body weight (less than 10% of Ideal)
- Head and neck cancer
- Medical treatments such as corticosteroids or organ transplant
- HIV infection (the virus that causes AIDS)
- Close contacts of a person with infectious TB disease
- Person with changes to CXR consistent with prior TB
- Organ transplants or other immunosuppressed people
- Specialized treatment (i.e. meds that depress immune system) for rheumatoid arthritis or Crohn's disease

Baseline Laboratory Testing

Baseline laboratory testing (measurements of serum AST, ALT, and bilirubin) are not routinely necessary

Laboratory testing at the start of LTBI therapy is recommended for patients with any of the following factors:

- Liver disorders
- History of liver disease (e.g., hepatitis B or C, alcoholic hepatitis, or cirrhosis)
- Regular use of alcohol
- Risks for chronic liver disease
- HIV infection
- Pregnancy or the immediate postpartum period (i.e., within 3 months of delivery)

Baseline testing can be considered on an individual basis, especially for patients taking other medications for chronic medical conditions.

After baseline testing, routine periodic retesting is recommended for persons who had abnormal initial results and other persons at risk for hepatic disease.

At any time during treatment, whether or not baseline tests were done, laboratory testing is recommended for patients who have symptoms suggestive of hepatitis (e.g., fatigue, weakness, malaise, anorexia, nausea, vomiting, abdominal pain, pale stools, dark urine, chills) or who have jaundice. Patients should be instructed, at the start of treatment and at each monthly visit, to stop taking treatment and to seek medical attention immediately if symptoms of hepatitis develop and not to wait until a clinic visit to stop treatment.

AST or ALT elevations up to 5 times normal can be accepted if the patient is free of hepatitis symptoms, and up to 3 times normal if there are signs or symptoms of liver toxicity.

Fax all information local public health or state health department based on residence of infected person.

- Burleigh County (Bismarck-Burleigh Public Health) 701.221.6883
- Cass County (Fargo-Cass Public Health) 701.298.6926
- Grand Forks County (Grand Forks Public Health) 701.787.8145
- Ward County (First District Health Unit) 701.852.2103
- All other counties (NDDoH-TB Prevention and Control Program) 701.328.2499

Treatment of TB Disease

Treatment options for TB disease vary depending on many factors (HIV, drug resistance, pregnancy and in the treatment of children).

Please contact the TB Prevention and Control Program to discuss ordering medication for the treatment of suspected/confirmed TB disease. Phone: 701.328.2377 or 701.328.2499.

Complete either:

- Adult Patient Information Sheet for Treatment of Active Disease
- Child Patient Information Sheet for Treatment of Active Disease

How to Treat Tuberculosis

Latent TB Infection (LTBI)

People with latent TB infection do not have symptoms, and they cannot spread TB bacteria to others. However, if TB bacteria become active in the body and multiply, the person will go from having latent TB infection to being sick with TB disease. For this reason, people with latent TB infection are often prescribed treatment to prevent them from developing TB disease. Treatment of latent TB infection is essential for controlling and eliminating TB in the United States.

Treatment of latent TB infection should be initiated after the possibility of TB disease has been excluded.

Groups Who Should Be Given High Priority for Latent TB Infection Treatment

People with a positive IGRA result or a TST reaction of 5 or more millimeters

- HIV-infected persons
- Recent contacts of a TB case
- Persons with fibrotic changes on chest radiograph consistent with old TB
- Organ transplant recipients
- Persons who are immunosuppressed for other reasons (e.g., taking the equivalent of >15 mg/day of prednisone for 1 month or longer, taking TNF-α antagonists)

People with a positive IGRA result or a TST reaction of 10 or more millimeters

- Recent immigrants (< 5 years) from high-prevalence countries
- Injection drug users
- Residents and employees of high-risk congregate settings (e.g., correctional facilities, nursing homes, homeless shelters, hospitals, and other health care facilities)
- Mycobacteriology laboratory personnel
- Children under 4 years of age, or children and adolescents exposed to adults in high-risk categories

Persons with no known risk factors for TB may be considered for treatment of LTBI if they have either a positive IGRA result or if their reaction to the TST is 15 mm or larger. However, targeted TB testing programs should only be conducted among high-risk groups. All testing activities should be accompanied by a plan for follow-up care for persons with TB infection or disease.

Treatment Regimens

The four treatment regimens for latent TB infection (LTBI) use isoniazid (INH), rifapentine (RPT), or rifampin (RIF). Treatment must be modified if the patient is a contact of an individual with drug-resistant TB disease. Consultation with a TB expert is advised if the known source of TB infection has drug-resistant TB.

Drug(s)	Duration	Dose	Frequency	Total Doses
Isoniazid (INH)	9 months	Adult: 5 mg/kg Children: 10-20 mg/kg** Maximum dose: 300 mg	Daily	270
		Adult: 15 mg/kg Children: 20-40 mg/kg** Maximum dose: 900 mg	Twice weekly†	76
	6 months	Adult: 5 mg/kg Children: Not recommended Maximum dose: 300 mg	Daily	180
		Adult: 15 mg/kg Children: Not recommended Maximum dose: 900 mg	Twice weekly†	52
Isoniazid (INH) and Rifapentine (RPT)	3 months	Adults and Children 12 years of age and over: INH*: 15 mg/kg rounded up to the nearest 50 or 100 mg; 900 mg maximum RPT*: 10.0-14.0 kg 300 mg 14.1-25.0 kg 450 mg 25.1-32.0 kg 600 mg 32.1-49.9 kg 750 mg ≥ <i>50.0 kg 900 mg maximum</i>	Once weekly†	12
Rifampin (RIF)	4 months	Adult: 10 mg/kg*** Maximum dose: 600 mg	Daily	120

Source: https://www.cdc.gov/tb/publications/LTBI/treatment.htm

†Intermittent regimens must be provided via directly observed therapy (DOT), i.e., health care worker observes the ingestion of medication.

*Isoniazid (INH) is formulated as 100 mg and 300 mg tablets. Rifapentine (RPT) is formulated as 150 mg tablets in blister packs that should be kept sealed until usage.

** The American Academy of Pediatrics recommends an INH dosage of 10-15 mg/kg for the daily regimen and 20-30 mg/kg for the twice weekly regimen.

***In the United States, the recommended regimen for treatment of LTBI in children is a 9-month course of INH. For the treatment of LTBI in infants, children, and adolescents when INH could not be tolerated or the child has had contact with a case patient infected with an isoniazid-resistant but rifamycin-susceptible organism the American Academy of Pediatrics recommends 6 months of daily rifampin (RIF) (180 doses) at a dosage of 10-20 mg/kg.

Active TB Disease

When TB bacteria become active (multiplying in the body) and the immune system can't stop the bacteria from growing, this is called TB disease. TB disease will make a person sick. People with TB disease may spread the bacteria to people with whom they spend many hours.

It is very important that people who have TB disease are treated, finish the medicine, and take the drugs exactly as prescribed. If they stop taking the drugs too soon, they can become sick again; if they do not take the drugs correctly, the TB bacteria that are still alive may become resistant to those drugs. TB that is resistant to drugs is harder and more expensive to treat.

TB disease can be treated by taking several drugs for 6 to 9 months. There are 10 drugs currently approved by the U.S. Food and Drug Administration (FDA) for treating TB. Of the approved drugs, the first-line anti-TB agents that form the core of treatment regimens are:

- Isoniazid (INH)
- Rifampin (RIF)
- Ethambutol (EMB)
- Pyrazinamide (PZA)

	INTENSIVE PHASE		CONT	INUATION PHAS	E			
Regimen	Drugsª	Interval and Dose [®] (minimum duration)	Drugs	Interval and Dose ^{bc} (minimum duration)	Range of Total Doses	Comments ^{e, d}	Regimen Effectiveness	
1	INH RIF PZA EMB	7 days/week for 56 doses (8 weeks) <i>or</i> 5 days/week for 40 doses (8 weeks)	INH RIF	7 days/week for 126 doses (18 weeks) or 5 days/week for 90 doses (18 weeks)	182 to 130	This is the preferred regimen for patients with newly diagnosed pulmonary TB.	Greater	
2	INH RIF PZA EMB	7 days/week for 56 doses (8 weeks) <i>or</i> 5 days/week for 40 doses (8 weeks)	INH RIF	3 times weekly for 54 doses (18 weeks)	110 to 94	Preferred alternative regimen in situations in which more frequent DOT during continuation phase is difficult to achieve.		
3	INH RIF PZA EMB	3 times weekly for 24 doses (8 weeks)	INH RIF	3 times weekly for 54 doses (18 weeks)	78	Use regimen with caution in patients with HIV and/or cavitary disease. Missed doses can lead to treatment failure, relapse, and acquired drug resistance.		
4	INH RIF PZA EMB	7 days/week for 14 doses then twice weekly for 12 doses ^e	INH RIF	Twice weekly for 36 doses (18 weeks)	62	Do not use twice-weekly regimens in HIV- infected patients or patients with smear positive and/or cavitary disease. If doses are missed then therapy is equivalent to once weekly, which is inferior.	Lesser	

Drug Susceptible TB Disease Treatment Regimens

Abbreviations: DOT = directly observed therapy; EMB = ethambutol; HIV = human immunodeficiency virus; INH = isoniazid; PZA = pyrazinamide; RIF = rifampin.

^a Other combinations may be appropriate in certain circumstances; additional details are provided in the <u>Official American Thoracic Society/Centers for Disease Control and Prevention/Infectious</u> <u>Diseases Society of America Clinical Practice Guidelines: Treatment of Drug-Susceptible</u> <u>Tuberculosis</u>.

^b When DOT is used, drugs may be given 5 days per week and the necessary number of doses adjusted accordingly. Although there are no studies that compare 5 with 7 daily doses, extensive experience indicates this would be an effective practice. DOT should be used when drugs are administered less than 7 days per week.

^c Based on expert opinion, patients with cavitation on initial chest radiograph and positive cultures at completion of 2 months of therapy should receive a 7-month (31-week) continuation phase.
 ^d Pyridoxine (vitamin B6), 25–50 mg/day, is given with INH to all persons at risk of neuropathy (e.g., pregnant women; breastfeeding infants; persons with HIV; patients with diabetes, alcoholism, malnutrition, or chronic renal failure; or patients with advanced age). For patients with peripheral neuropathy, experts recommend increasing pyridoxine dose to 100 mg/day.

^e Alternatively, some U.S. TB control programs have administered intensive-phase regimens 5 days per week for 15 doses (3 weeks), then twice weekly for 12 doses.

Continuation Phase of Treatment

The continuation phase of treatment is given for either 4 or 7 months. The 4-month continuation phase should be used in most patients. The 7-month continuation phase is recommended only for the following groups:

- Patients with cavitary pulmonary TB caused by drug-susceptible organisms and whose sputum culture obtained at the time of completion of 2 months of treatment is positive;
- Patients whose intensive phase of treatment did not include PZA;
- Patients with HIV who are not receiving antiretroviral treatment (ART) during TB treatment; and
- Patients being treated with once weekly INH and rifapentine and whose sputum culture obtained at the time of completion of the intensive phase is positive.

Treatment Completion

Treatment completion is determined by the number of doses ingested over a given period of time.

	1	nitial phase		Con	tinuation phase		Rating'	(evidence) [*]
Regimen	Drugs	Interval and doses‡ (minimal duration)	Regimen	Drugs	Interval and doses ^{‡i} (minimal duration)	Range of total doses (minimal duration)	HIV-	HIV+
1	INH RJF PZA EMB	Seven deys per week for 56 doses (3 wk) or 5 diwk for 40 doses (3 wk) ¹	18 15 10***	NHRIF NHRIF NHRFT	Seven days per week for 125 dases (18 wk) or 5 diwk for 90 dases (18 wk) Twice weekly for 35 dases (18 wk) Once weekly for 36 dases (18 wk)	182–130 (25 wk) 92–76 (25 wk) 74–58 (25 wk)	A () A () B ()	A (11) A (11) ⁴¹ E (10)
2	INH RIF FZA EMB	Seven days per week for 14 doses (2 wk), then taice weekly for 12 doses (0 wk) or 5 diwk for 10 doses (2 wk), ¹ then taice weekly for 12 doses (0 wk)	28 25'''	INH RIF INH RPT	Twice weekly for 38 dases (18 wk) Once weekly for 18 dases (18 wk)	02-58 (20 wk) 44-40 (20 wk)	A (1) B (1)	B (1)# E (1)
з	INH RJF PZA EMB	Three times weekly for 24 doses (8 wk)	38	INHRIF	Three times weekly for 54 doses (18 wk)	78 (25 wk)	B ())	B (II)
4	INH RIF EMB	Seven days per week for 50 doses (8 wk) or 5 diwk for 40 doses (8 wk) ¹	48 40	INHRIF	Seven days per week for 217 dases (31 wk) or 5 divk for 155 dases (31 wk) ¹ Twice weekly for 62 dases (31 wk)	273-195 (39 wk) 118-102 (39 wk)	C (I)	C (II)

TABLE 2. Drug regimens for culture-positive pulmonary tuberculosis caused by drug-susceptible organisms

Definition of abbreviations: EVB = Ethembutol; INH = isoniazid; PZA = Pyrazinemide; RIF = rifempin; RPT = rifepertine.

* Definitions of evidence ratings: A = preferred; B = acceptable alternative; C = offer when A and B cannot be given; E = should never be given.

† Definition of evidence retings: I = rendomized clinical trial; II = data from clinical trials that were not rendomized or were conducted in other populations; II = expert opinion.

When DOT is used, drugs may be given 5 days/week and the necessary number of doses adjusted accordingly. Although there are no studies that compare five with seven daily doses, extensive experience. indicates this would be an effective practice.

9 Fatients with cavitation on initial chest redicorach and positive cultures at completion of 2 months of therapy should receive a 7-month (31 week: either 217 doesnic) ideal (4) or 62 doesnic) initial chest redicorach and positive cultures at completion of 2 months of therapy should receive a 7-month (31 week: either 217 doesnic) ideal (4) or 62 doesnic) initial chest redicorach and positive cultures at completion of 2 months of therapy should receive a 7-month (31 week: either 217 doesnic) ideal (4) or 62 doesn continuation phase.

Five-day-e-week administration is always given by DOT. Rating for 5 day/week regimens is AllI.

Proceeding of the second structure of the second st (see text). For petients started on this regimen and found to have a positive outure from the 2-month specimen, treatment should be extended an extra 3 months.

TABLE 3. Doses* of antituberculosis drugs for adults and children[†]

	First-line drugs			Do	968	
Drug	Preparation	Adults/children	Daily	1x/wk	2xiwk	3x/wk
bizeinoel	Teblets (50 mg, 100 mg, 300 mg); elixir (50 mg/5 mi); equeous solution (100 mg/mi) for intrevenous or IM injection	Adulta (mex.) Children (max.)	5 mp/kg (300 mg) 10–15 mp/kg (300 mg)	15 mg/kg (900 mg) —	15 mg/kg (900 mg) 20–30 mg/kg (900 mg)	15 mgikg (900 mg) —
Ritempin	Capsule (150 mg, 300 mg); powder may be suspended for oral administration; aqueous solution for IN injection	Adultat (mex.) Children (max.)	10 mg/kg (600 mg) 10-20 mg/kg (600 mg)	Ξ	10 mg/kg (800 mg) 10–20 mg/kg (800 mg)	10 mpikg (800 mg) —
Rifebutin	Capaule (150 mg)	Adults ¹ (mex.) Children	5 mg/kg (300 mg) Appropriate dosing for children is unknown		5 mp/kg (300 mg) Appropriate dosing for children is unknown	5 mg/kg (300 mg) Appropriate dosing for children is unknown
Ritepertine	Teblet (150 mg, film costed)	Adults Children	 The drug is not approved for use in children	10 mg/kg (continuation phase) (600 mg) The drug is not approved for use in children	 The drug is not approved for use in children	 The drug is not approved for use in children
Pyrezinamide	Tablet (500 mg, scored)	Adults Children (max.)	See Table 4 15-30 mg/kg (2.0 g)	=	See Table 4 50 mg/kg (2 g)	See Table 4
Ethembutol	Teblet (100 mg, 400 mg)	Adulta Childrené (max.)	See Table 5 15-20 mplkg delly (1.0 p)	-	Bee Table 5 50 mg/kg (2.5 g)	See Table 5 —

‡ Dose may need to be adjusted when there is concomitant use of proteese inhibitors or nonnucleoside reverse transcriptese inhibitors.
§ The drug can likely be used satisfy in differ children but should be used with caution in children less than 5 years of age, in whom visual eauity cannot be monitored. In younger children EMB at the dose of 15 mpkg per day can be used if there is suspected or proven resistance to INH or RIF.

TABLE 4 and 5: Suggested Pyrazinamide and Ethambutol doses, using whole tablets, for adults weighing 40-90 kilograms

Weight in kg*	40-5	5 kg	56-7	'5 kg	76-9	76-90 kg	
	Pyrazinamide	Ethambutol	Pyrazinamide	Ethambutol	Pyrazinamide	Ethambutol	
Daily, mg (mg/kg)	1,000 (18.2-25.0)	800 (14.5-20.0)	1,500 (20.0-26.8)	1,200 (16.0-21.4)	2,000* (22.2-26.3)	1,6001 (17.8-21.1)	
Thrice weekly, mg (mglkg)	1,500 (27.3-37.5)	1,200 (21.8-30.0)	2,500 (33.3-44.6)	2,000 (26.7-35.7)	3,000* (33.3-39.5)	2,400* (26.7-31.6)	
Twice weekly, mg (mg/kg)	2,000 (36.4-50.0)	2,000 (36.4-50.0)	3,000 (40.0-53.6)	2,800 (37.3-50.0)	4,000* (44.4-52.6)	4,000* (44.4-52.6)	

* Based on estimated lean body weight. †Maximum dose regardless of weight.

Source: MMWR: Treatment of TB – CDC, ATS, IDSA, June 20.2003 / Volume 52/ No. RR-11

https://www.cdc.gov/mmwr/PDF/rr/rr5211.pdf

Process to request TB medication(s)

Requesting TB Medications

Medication request may be requested by:

- Faxing the Request for LTBI TB Medications or Request for Active TB Medications to the appropriate public health unit or NDDoH as specified on form
- Mailing Request for LTBI TB Medications or Request for Active TB Medications to the appropriate public health unit or NDDoH as specified on form, acceptable but will delay shipment.

After receiving the request for medications, local public health will contact the patient to set up an appointment to start medications.

Information documented on the request for medications will be entered into MAVEN by local public health or state health department designee. Case will then be assigned to the TB Prevention and Control Coordinator to review all information is documented and patient meets the criteria to receive medication(s) through the TB Pharmacy Program. Approval to dispense medication(s) will be sent to pharmacy to fill prescription through MAVEN. Prescription will be mailed to local public health unit within 3 days.

e-Prescribing

E-Prescribing is a prescriber's ability to electronically send an accurate, error-free and understandable prescription directly to a pharmacy from the point-of-care - is an important element in improving the quality of patient care. It is recommended that all providers submit the request for LTBI medication electronically to:

UND Center for Family Medicine Pharmacy – Bismarck.

If unable to submit an electronic request, a legible printed copy of the prescription may be used.

If unable to locate UND Center for Family Medicine Pharmacy – Bismarck as a choice, try searching by city. If still unable to locate pharmacy, contact your local information technology staff as they may need to add it as a choice.

Maven Procedure

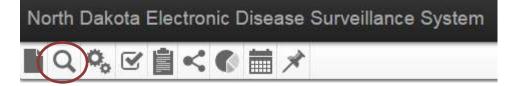
Medications to treat tuberculosis infection (LTBI) or tuberculosis disease (TB) are requested using MAVEN; North Dakota Department of Health's web-based disease surveillance and case management system.

Searching and Creating Events

Before entering a new event it is important to ALWAYS search for that event first to reduce duplicate cases. Searching is also used to retrieve existing events.

How to Perform an Event Search

1. Click on the Search Event icon on the MAVEN toolbar



The Search Event screen will appear:

State of No	orth Dakota [US] https://apps.n	d.gov/maven/sea	archCase.do?t	topPage=main.o	do			
Search Cas	se							
Search Criteria	1	Search Re	sults					
Type:	Normal 🔻	Search R	esults					
Event ID:		Event ID	Name	Birth Date	Disease	Status	Create Date	External ID
Last Name:					No sea	rch done		
First Name:		Showing	0 to 0 of 0 en	tries			First	Previous Next Last
Birth Date: (Inexact)	MM/DD/YYYY	Select	Create Red	ord for Person	Cancel	Help		
Gender:	•							
Street:								
City:								
State:	*							
Zip Code:								
Disease:		*						
Sort Options								
Sort By:	Create Date 🔹							
Sort Order:	Descending •							
Search Option	S							
Search History:								
Search Sounde	x. 🔲							
Search	Clear Create New							

2. Enter search parameters into at least 1 field; it is preferable to use two or more parameters to narrow your search down, the more search criteria provided, the fewer results will display.

Search Criteria	Search Res	ults					
Type: Normal V	Search Re	sults					
Event ID:	Event ID	Name	Birth Date	Disease	Status	Create Date	External ID
Last Name: or*				No searc	h done		
First Name: t* ×	Showing (0 to 0 of 0 ent	ries			First	Previous Next Las
Birth Date: MM/DD/1111	Select	Create Rec	ord for Person	Cancel	Help		
Gender:							
Street:							
City:							
State:							
Zip Code:			a destructions				
Disease:							
Sort Options							
Sort By: Create Date 🗸							
Sort Order: Descending V							
Search Options							
Search History: 🔽							
Search Soundex:							
Search Clear Create New							

To perform a search "wildcards" may be used. Examples of wildcards are:

- T* in the first name field will bring up people whose name begins with a "T"
- *not in the last name field will bring up people whose name ends with" not"
- *mit* will bring up bring up any name that includes that string of letters such as Emmitt or Smith

Adding the date of birth will narrow down the search too.

3. Click Search

Search Criteria	a	Search Res	ults					
Type:	Normal 🗸	Search Re	sults					
Event ID:		Event ID	Name	Birth Date	Disease	Status	Create Date	External ID
Last Name:	01*		Transolwards		No sear	ch done		
First Name:	[t*] ×	Showing	0 to 0 of 0 ent	ries			First	Previous Next Las
Birth Date: (Inexact)	MM/DD/YYYY	Select	Create Rec	ord for Person	Cancel	Help		
Gender:	~							
Street:								
City:								
State:								
Zip Code:								
Disease:		~						
Sort Options	CUL							
Sort By:	Create Date							
Sort Order:	Descending V							
Search Option	s							
Search History:								
Soarch Sounde	ex: 🗌							
Search	Clear Create New							

Search Case

Search Criteria		5	Search Results					
Type:	Normal 🗸	1	Search Results					
Event ID:			Event ID	Name	Birth Date	Disease Status	Create Date	External ID
Last Name:	Or*		100005984 🔬	Tiberius Byron Ornot	01/01/1980	TB-LTBI Open	05/01/2017	PGCEVSPPKBWT
First Name:	t*		Showing 1 to 1	of 1 entries			First Previo	us 1 Next Last
Birth Date: (Inexact)	MM/DD/YYYY		Select Cre	ate Record for Person	Cancel	Help		
Gender:	~							
Street:								
City:								
State:	\checkmark							
Zip Code:							 International 	
Disease:		\sim						
Sort Options	COL							
Sort By:	Create Date 🗸							
Sort Order:	Descending 🗸							
Search Options	10							
Search History:	\checkmark							
Search Sounder	« 🗌							
Search	Clear Create New							

4. To open the case, double-click on the line containing the correct event or highlight the line and click on select

Search Case

Search Criteria			Search Results						
Type:	Normal 🗸		Search Results						
Event ID:			Event ID	Name	Birth Date	Disease	Status	Create Date	External ID
Last Name:	Or*		>100005984 🔬	Tiberius Byron Ornot	01/01/1980	TB-LTBI	Open	05/01/2017	PGCEVSPPKBWT
First Name:	[t*		Showing 1 to 1	of 1 entries				First Previo	us 1 Next Last
Birth Date: (Inexact)	MM/DD/YYYY	(Select Cre	eate Record for Person	Cancel	Help			
Gender:	V								
Street:									
City:									
State:	V								
Zip Code:				ot-				-	
Disease:		~							
Sort Options	CUL								
Sort By:	Create Date								
Sort Order:	Descending 🖌								
Search Option	s								
Search History:	✓								
Search Sounde	x: 🗌								
Search	Clear Create New								

Another way to open a case is to highlight the line and click select.

If this is not the correct person; to clear search, click on clear and enter new parameters in applicable boxes and search again.

Search Case

Search Criteria			Search Results						
Type:	Normal 🗸		Search Results						
Event ID:			Event ID	Name	Birth Date	Disease	Status	Create Date	External ID
Last Name:	Or*		100005984 🞕	Tiberius Byron Ornot	01/01/1980	TB-LTBI	Open	05/01/2017	PGCEVSPPKBWT
First Name:	t*		Showing 1 to 1	of 1 entries				First Previo	us 1 Next Last
Birth Date: (Inexact)	MM/DD/YYYY		Select Cre	ate Record for Person	Cancel	Help			
Gender:	~								
Street:									
City:									
State:	V								
Zip Code:									
Disease:		~							
Sort Options	COL								
Sort By:	Create Date								
Sort Order:	Descending 🗸								
Search Options									
Search History:	\checkmark								
Search Soundex									
Search	ear Create New					_			

If there are no matches a new case needs to be made.

Creating a New Event

To create a new event in MAVEN, complete the following steps:

Step 1: Click on Create Event Icon in the MAVEN tool bar



Or use the Create New button

Search Case

Search Criteria			Search Re	sults					
Type:	Normal 🗸		Search Re	esults					
Event ID:			Event ID	Name	Birth Date	Disease	Status	Create Date	External ID
Last Name:	or*					No resu	ilts found		
First Name:	p* ×		Showing	0 to 0 of 0 ent	ries			First	Previous Next Last
Birth Date: (Inexact)	MM/DD/YYYY		Select	Create Rec	ord for Person	Cancel	Help		
Gender:	V								
Street:									
City:									
State:	~								
Zip Code:					selection of the				
Disease:	-	~							
Sort Options	C C C								
Sort By:	Create Date								
Sort Order:	Descending V								
Search Options	1								
Search History:	\checkmark								
Search Sounder									
Search	Clear Create New								

The following screen will appear:

Event Information		
Event Date: 05/	02/2017	
Disease:		
Add Person		
First Name:	Middle Name:	Last Name:
Tatenda		Dzvokorn
Suffix:	Maiden/Other Name:	Alias:
Birth Date: MM/DD/YYYY	Gender:	Social Security Number
Race:	Add New	
T Contact Information		
Contact Information	Street:	
Contact Information Address Type:	Street:	Zip Code:
Contact Information Address Type: Home City:	Street:	Zip Code:
Contact Information Address Type: Home City:	Street: State: ND ▼ Country:	Zip Code:
Contact Information Address Type: Home City: County:	Street: State: ND T Country:	
Contact Information Address Type: Home City: County: Home Phone:	Street: State: ND T Country: USA	· · · · · · · · · · · · · · · · · · ·
Contact Information Address Type: Home City: County: Home Phone:	Street: State: ND T Country: USA	· · · · · · · · · · · · · · · · · · ·
Contact Information Address Type: Home City: County: Home Phone: Email:	Street: State: ND T Country: USA	Work Phone:
▼ Contact Information Address Type: Home ▼	Street: State: ND T Country: USA	Work Phone:

2. Use the drop down box to select the disease TB LTBI by either clicking on the down arrow or scrolling until you see TB LTBI or type the letter "T" until TB LTBI appears.

Event Informat	ion	
Event Date:	05/02/2017	
Disease:	TB-LTBI	•

3. Enter the demographic information.

Event Date: 05/02/2017 Disease: TB-LTBI	7	
Disease.		
Add Person		
First Name:	Middle Name;	Last Name;
Tiberius	Byron	Ornot
Suffix:	Maiden/Other Name:	Alias:
Birth Date:	Gender:	Social Security Number
01/01/1980	Male 🔻	
Race:		NS
White / Caucausian	Add New	
s the case Hispanic or Latino?	: Place of Birth (Country):	
No 🔻	United States	¥
Contact Information		
Address Type:	Street:	
Home •	123 Main Street	
City:	State:	Zip Code:
Bismarck	ND V	58501
County:	Country:	
Burleigh County	USA	•
Home Phone:	Mobile Phone:	Work Phone:
(111) 111-1111	(222) 222-2222	(333) 333-3333
Email:		Fax:
Contact Method:		1,
T		
Select Person		Clear

4. Save to create a new event (person) in MAVEN.

At a minimum enter:

- Name
- Date of Birth
- Gender

Updating Patient Information

If you obtain additional information after creating the person in MAVEN you can update the information using the Person's Tab.

■2番% ∇冊 < ● ■ ● ×

asic Information	100005001			Notes (Add/Edit Show My Notes)	
vent ID:	100005984				
sease:	TB-LTBI				
erson: ates:	Tiberius Byron Ornot Birth Date: 01/01/1980 (Male Create Date: 05/01/2017 Event Date: 05/01/2017) Phone: (701) 111-1111			
ites: nked Events/Contacts:					
tachments:	0 linked event(s)/contact(s) (View)				
tacnments: otifications:	0 attachment(s) (Add) Disease Status: Suspect				
	Event Type: N/A Investigation Status: New Pregnancy Status: N/A Age: 37 Years Event is in workflows [View List] TSA Team: N/A				
dit Event Properties	Copy Event				
	\sim				
ersons			Event History	Teet	Status
ersons ame	Gender	Birth Date	Address		Status
ersons					
ersons	Gender	Birth Date	Address		Status

Click on Edit Person

The following screen will appear:

Edit Person -	Tiberius	Byron	Ornot -	TB-LTBI

Edit Person				
First Name:	1.000	Tiberius		
Middle Name:		Byron		
Last Name:		Ornot		
Suffix				
Maiden/Other Name:				
Alias:				
Birth Date:		01/01/1980		
Death Date:		MM/DD/YYYY		
Gender:		Male 🗸		
Social Security Numb	er:			
Mother's Maiden Nam				
Deduplication Status:		Done 🗸		
Race:		White / Caucausian		Add New
Is the case Hispanic o	or Latino?:	No V		
Place of Birth (Countr		United States	~	
22000				
Save Cancel				
Addresses			-	
Type Address Home 123 Ma		smarck, ND 58501		(H) (701) 111-1111 (W) (701) 333-333 (C) (701) 222-2222
1 ******		smarck, ND 58501	T _c	(W) (701) 333-333
Home 123 Ma	in Avenue, Bi		12	(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type:	In Avenue, Bis		12	(W) (701) 333-333
Add Address Type Edit Address Address Type: Start Date:	In Avenue, Bis	<u>ب</u> 17 و	12	(W) (701) 333-333
Add Address Type Edit Address Address Type: Start Date: End Date:	Home 05/02/20 01/01/20	₩ 17 30 17	T ₂	(W) (701) 333-333
Add Address Type Edit Address Address Type: Start Date:	In Avenue, Bis	₩ 17 30 17	Īć	(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street:	Home 05/02/20 01/01/20 123 Main	17 II 30 II Avenue	1	(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City:	Home D5/02/20 01/01/20 123 Main Bismarck	17 II 30 II Avenue		(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City:	Home 05/02/20 01/01/20 123 Main	17 II 30 II Avenue		(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State: Zip Code:	Home D5/02/20 01/01/20 123 Main Bismarck	17 II 30 II Avenue		(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State:	Home D5/02/20 01/01/20 123 Main Bismarck	17 u 30 m 1 Avenue	Ic Ic	(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State: Zip Code:	Home D5/02/20 01/01/20 123 Main Bismarck ND 💟 58501	17 u 30 m 1 Avenue	Ie	(W) (701) 333-333
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State Zip Code: County:	Home 05/02/20 01/01/20 123 Main Bismarck ND V 58501 Burleigh	17 1 30 1 Avenue	Ιc	(W) (701) 333-333: (C) (701) 222-2222
Home 123 Ma Add Address Type Edit Address Type Edit Address Type: Start Date: End Date: Street: City: State: Zip Code: County: County: County:	Home D5/02/20 01/01/20 123 Main Bismarck ND V 58501 Burleigh USA	✓	16	(W) (701) 333-333: (C) (701) 222-2222
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State: Zip Code: County: County: Home Phone:	Home 05/02/20 01/01/20 123 Main Bismarok ND 💟 58501 Burleigh USA (701) 111	✓ ✓	16	(W) (701) 333-333: (C) (701) 222-2222
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State: Zip Code: County: County: County: Home Phone: Mobile Phone:	Home 05/02/20 01/01/20 123 Main Bismarck ND 58501 Burleigh USA (701) 111 (701) 222	✓ ✓	16	(W) (701) 333-333: (C) (701) 222-2222
Home 123 Ma Add Address Type Edit Address Address Type: Start Date: End Date: Street: City: State: Zip Code: County: County: Home Phone: Work Phone:	Home 05/02/20 01/01/20 123 Main Bismarck ND 58501 Burleigh USA (701) 111 (701) 222	✓ ✓	16	(W) (701) 333-333: (C) (701) 222-2222

Add or correct any information and again click on save to accept the changes.

After clicking save, you will return to the dashboard (home screen).

Use of Calendar Function

MM/DD/YYYY

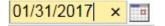
Dates can be entered by free texting the date; using a two-digit month, two-digit day and four-digit year. The "/" will automatically be added where appropriate.

01/31/2017 × 📑

Or click on the calendar icon to open the calendar



Use the drop down boxes to select the appropriate month and year. Click on the date and the date will be added.



Adding scanned documents

A chest x-ray (CXR) report performed within the past three months must be added to the patient's case. NDDoH TB Controller will review all CXR reports to determine eligibility to receive LTBI medications. If any abnormal findings are present, documentation must be provided to rule out active infection.

Scan the CXR report and save it as a .pdf file.

Save the file either to your desktop or to a file you have created to save CXR reports.

To upload the report, in Maven go to the home page for the event created.

Basic Information	
Event ID:	100005984
Disease:	TB-LTBI
Person:	Tiberius Byron Ornot Birth Date: 01/01/1980 (Male) Phone: (701) 111-1111
Dates:	Create Date: 05/01/2017 Event Date: 05/01/2017
Linked Events/Contacts:	0 linked event(s/connect(s) (View)
Attachments:	0 attachment(s (Add)
Notifications:	Disease Status Suspect Event Type: N/A Investigation Status: New Pregnancy Status: N/A Age: 37 Years Event is in workflows [View List] TSA Team: N/A

Click on add and the following screen will open:

Add Attachment - Tiberius Byron Ornot - TB-LTBI

File:		Browse
Description:		
Status:	Requires Review 🗸	
Type:	General	
Security Level	None 🔽	
Notes:		
		and the second se

Click on the Browse button, add the file from the saved location of the CXR.

In the description box, document CXR.

Add Attachment - Tiberius Byron Ornot - TB-LTBI

File:	C:\Users\djpritschet\Desktop\TBO.pdf	Browse
Description:	CXR	×
Status:	Requires Review 🗸	
Туре:	General	
Security Leve	None 🗸	
Notes:		
		n ch

Click save.

The following screen will appear:

Manage Attachments -	Tiberius Byron Orne	ot - TB-LTBI

Attachments								
Create Date	Person	File	Description	Status	Туре	Updated By	Security Level	Action
05/09/2017	Tiberius Byron Ornot	TBO.pdf	CXR	Requires Review	General	Delora Pritschet [dpritschet]	None	View Edit Delete
iltor	Showing 1 to 1 of 1 on	trios						First Dravious 1 Mart Las
Filter:	Showing 1 to 1 of 1 en	ntries						First Previous 1 Nex
Add Attachment	Dashboard Help							

Click on dashboard to return to the home screen.

NDDoH TB Controller will review the CXR report.

Status will change from Requires Review to:

- Acceptable eligible to LTBI medication
- Rejected additional documentation will be requested prior to approval for LTBI medication

Pharmacy Medication Request

Requesting LTBI Medication using the Wizard

All of the information required to request LTBI medication can be found using the Pharmacy Medication Request Wizard. Locate the Pharmacy Medication Request using the Wizard drop down.

and a state of the			0			1.0
ent Summary						
Basic Information						
Event ID:	100005984					
Disease:	TB-LTBI					
Person:	Tiberius Byron	Ornot Birth Date: 0	1/01/1980 (Male) Phone	e: (701) <mark>11</mark> 1-111	1
Dates:		5/01/2017 Event Da	ate: 05/01/20	017		
Linked Events/Contacts:	0 linked event(s)/contact(s) (View)				
Attachments:	0 attachment(s Disease Status					
	Investigation S Pregnancy Sta Age: 37 Years Event is in wor TSA Team: N/	atus: N/A rkflows <mark>[View List]</mark>				
Edit Event Properties	Copy Event Results Con	cerns Persons	Tasks	Calendar	Event Proper	ties Event History
Question Packages						-
Question Package						Person
Question Package 01. Administrative						Event
Question Package 01. Administrative 02. Demographic						Event Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History						Event Tiberius Byron Ornot Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information						Event Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information > 06. Medications						Event Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information >06. Medications 07. Provider / Clinic Info	rmation					Event Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information >06. Medications 07. Provider / Clinic Info 08. Care Plan / Followuj	rmation			1		Event Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information >06. Medications 07. Provider / Clinic Info 08. Care Plan / Followu 09. Exposure/Control &	rmation					Event Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot
Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information >06. Medications 07. Provider / Clinic Info 08. Care Plan / Followuj	rmation			st		Event Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot Tiberius Byron Ornot

Click on View Wizard to open the page to request medication.

Event Data	Lab Results	Concerns	Persons	Tasks	Calendar	Event Properties	Event Histor
Question Packag	es						
Question Package	9					Pe	rson
01. Administrativ	e					Eve	ent
02. Demographic	:					Tib	erius Byron Orno
04. Medical/Risk	History					Tib	erius Byron Orno
05. Testing Infor	mation					Tib	erius Byron Orno
>06. Medications						Tib	erius Byron Orno
07. Provider / Cli	nic Information					Tib	erius Byron Orno
08. Care Plan / F	ollowup					Tib	erius Byron Orno
09. Exposure/Co	ntrol & Preventio	n				Tib	erius Byron Orno
10. Hospitalizatio	n					Tib	erius Byron Orno
Contact Investiga	ation					Tib	erius Byron Orno
1007 - 124 St. 11	ation	ds Pharmacy	A Justice Honology and a log		View Wizard	Tib	

The page should look like this:

Pharmacy Medication	n Request - Tiberius Byron (Ornot - TB-LTBI		[Jump To] 🗸 Sa	ve Save & Stay Cancel
Zip code 🖬	58501	DCT.	ACT	Country E Expand Details	
Patient telephone (home) 🖪	(701) 111-1111	DOL		Patient telephone (work)	
Email Address:					
Screen Name:					
Internet Site					
			Patient Evaluation		
Reason for evaluation		Employment	~		
TST Done?		~			
Was an IGRA done?		~			
Refused X-ray		No 🗸			
Initial chest X-ray results			~		
Date of chest x-ray?		01/11/2017 T Ad	INew		
Has clinician ruled out active Ti	B disease?	Yes 🗸			
Does the patient have any drug	g allergies?				
Does the patient have any med	dical conditions?	~			
Is the patient currently taking a	ny other prescription or non-prescription dr	rugs?			
			Medication(s) Requested		
Request date:	06/06/2017	ACT	IACT	LACT	100
Did patient start treatment?					
Did patient complete treatment?	? Yes V				
Date treatment completed	MM/DD/YYYY				
Closure code					
	- Lossed	Direc	tly Observed Preventive Therapy		
Is medication being delivered D	OPT? Yes v				
How often?	Daily				
Total number of doses:	3				
Dates:	06/07/2017 Add New				
Dates:	06/07/2017				
Dates:	06/07/2017				
			Prescribing Provider		
First name: Peter	r				
Last name: Potts	5				
Degree:					
Phone: (701) 123-1234				
Fax:					
	Capitol Street		1036		
Address 2:	,				

Person Identifiers and Address Information

Enter information into the wizard. Based on information added when creating the case, some information will pre-populate.

harmacy Medication F	Request - Tib	erius Byron Ornot - TB-LTBI		[Jump To]	✓ Save
					Expand Details
			Person Identifiers		
Birth date	01/01/1980				
Gender	Male V				
Country of birth		~			
Primary language					
English proficiency		~			
Race 🗉	White ~				
Extended Race White Detai		v	Teah	Tool	Tes
			Address Information		
Street address 🖬		123 Main Avenue		I L J L	
City 🚺		Bismarck			
County		Burleigh County			
State 🚹		ND V			
Zip code 🚹		58501		Country 🖬	USA V
Patient telephone (home)		(701) 111-1111		Patient telephone (work)	(701) 333-3333
Email Address:					
Screen Name:					
Internet Site			loct		

Patient Evaluation

		Patient Evaluation
Reason for evaluation		✓
TST Done?	V	
Was an IGRA done?		
Refused X-ray	~	
Initial chest X-ray results		~
Date of chest x-ray?	MM/DD/YYYY	
Has clinician ruled out active TB disease?	~	
Does the patient have any drug allergies?	v	
Does the patient have any medical conditions?		
Is the patient currently taking any other prescription or non-prescription drugs?		

A completed form will look similar to this.

Either a positive TST or positive IGRA must be documented. It is acceptable to document both a TST and IGRA result. All other fields are mandatory and must be completed.

	Patient Evaluation		
Reason for evaluation	Employment 🗸		
TST Done? E	Yes V Add New		
TST Plant Date	01/01/2017		
TST read date	01/03/2017		
Induration in mm	15		
Tuberculin skin test result	Positive 🗸		
TST done overseas?	No 🗸		
Post exposure test	Yes 🗸		
Diagnostic TST test	Yes 🗸		
Was an IGRA done? E	Yes V Add New		
Which test was used?	QFT V		
Results of test:	Positive V		
Date collected	01/04/2017		
Refused X-ray	No 🗸		
Initial chest X-ray results	Normal		
Date of chest x-ray?	01/11/2017 Add New		
Has clinician ruled out active TB disease?	Yes 🗸		
Does the patient have any drug allergies?	Yes 🗸		
Specify:	free text in drug allergies		
Does the patient have any medical conditions?	Yes 🗸		
Specify:	rheumatoid arthritis		
Is the patient currently taking any other prescription or non-prescription drugs?	Yes		
Specify:	Enbrel		

If you enter yes to TST done, the following questions will appear:

- TST Plant Date enter date test performed
- TST Read Date enter date test read (48-72 hours after test performed)
- Induration in mm measure only induration, no redness
- Tuberculin skin test result based on reason for testing will determine if test is
 - o Positive
 - o Negative
- TST done overseas enter no
- Post-Exposure test
 - Yes, if a contact to an active case
 - No, if not a contact to an active case
- Diagnostic test should be yes, medications will not be dispensed if no entered.

If you enter yes to was an IGRA done, the following questions will appear.

- Which test was used
 - o QFT
 - o T-Spot
 - o Unknown
- Results of test
 - o Positive
 - o Negative
 - o Indeterminate
 - o Borderline
- Date collected enter date specimen was collected.

Chest X-Ray results

- Refused x-ray
 - No this is the appropriate response
 - Yes no CXR performed
- Initial chest x-ray results
 - o Normal
 - Abnormal (consistent with TB)
 - Abnormal (not consistent with TB)
 - o Not Done
 - o Unknown
- Date of chest x-ray date CXR was performed

Has clinician ruled out active disease

- Yes if abnormal CXR consistent with TB, AFB smear and culture should be done prior to starting on LTBI medications.
- No if a CXR is not done or unknown

Does the patient have any drug allergies?

• Enter all allergies in free text box

Does the patient have any medical conditions?

• Enter all medical conditions in free text box

Is the patient currently taking any other prescription or non-prescription medications?

• Enter all prescription and non-prescription medications in free text box

Medication(s) Requested

		Medication(s) Requested
Request date:	02/01/2017	
Did patient start treatment?	~	
Did patient complete treatment?		
Closure code		

Request date - enter date you are requesting LTBI medication

Did patient start treatment? Select yes to open the following questions. Patient weight must be documented for the pharmacist to fill the prescription.

Select medication – LTBI medications approved are isoniazid, rifampin and rifapentine.

		Medication(s) Requested
Request date:	02/01/2017	
Did patient start treatment?	Yes	
Patient weight:		
Medication	×	
Treatment Regimen Start Date	MM/DD/YYYY	
Treatment Regimen Stop Date	MM/DD/YYYY	
Comments		Test
Did patient complete treatment?	V	
Closure code	v	

Treatment start date is the date the first dose is taken.

Treatment stop date is the date the last dose is taken. Reassign case to NDDoH TB Controller.

Did Patient complete treatment? - will be completed by NDDoH TB Controller

Closure code - will be completed by NDDoH TB Controller

		Directly Observed Preventive Therapy
Is medication being delivered DOPT?	✓	

If medication is being given DOPT, responding yes will open additional questions.

		Directly Observed Preventive Therapy
Is medication being delivered DOPT?	Yes 🗸	
How often?	Two times a week 🗸	
Total number of doses:		
Dates:	02/19/2017 × Add New	
Dates:	02/15/2017	

Indicate how often DOPT is being done

- Daily
- Three times a week
- Twice a week
- Once a week
- Other

Document the date medication was given, click on add new for each additional date medication was given. When treatment is completed document the number of doses given and reassign case to NDDoH TB Controller.

Prescribing Provider

			Prescribing Provider
First name:			
Last name:			
Degree:			
Phone:			
Fax:			
Address 1:			
Address 2:			
City:			
State:	~	Task	Task
Zip code:			
Phone (facility main):			
Fax (facility main):			

Enter available information. At a minimum the ordering provider must be documented.

		Prescribing Provider
First name:	Peter	
Last name:	Potts	
Degree:		
Phone:	(701) 123-1234	
Fax:		
Address 1:	123 Capitol Street	
Address 2:		
City:	Bismarck	
State:	ND 🗸	
Zip code:	58501	
Phone (facility main):	(701) 123-1234	
Fax (facility main):		

Insurance Information

		Insurance Information
Patient's insurance status	~	

Patient's insurance status - from drop down select

- Insured
- Uninsured
- Unknown

If insured is selected the following field will appear:

		Insurance Information
Patient's insurance status	Insured V	
Carrier		

Enter the appropriate insurance carrier.

TAB - the additional insurance information will appear.

		Insurance Information	
Patient's insurance status	Insured 🗸	Insured V	
Carrier E	Blue Cross	Add New	
Carrier's phone # on card			
Policy/ID/member #			
Rx group #		1000	
Rx bin #			
Relation to card holder			
Policy start date	MM/DD/YYYY		
Policy end date	MM/DD/YYYY		

Information can be added one of two ways by either placing the cursor in the appropriate box or by **tabbing** to the next field.

Patient's insurance status	Insured 🗸	Insured V		
Carrier 🖂	Blue Cross	Add New		
Carrier's phone # on card	(701) 701-4444			
Policy/ID/member #	xyz123			
Rx group #	11111			
Rx bin #	2222			
Relation to card holder	self			
Policy start date	01/01/2017			
Policy end date	12/31/2017			

All fields must be answered. The policy start date can be added by free texting or my clicking on the calendar to open it up.

Shipment Information

		Shipment Information
How is prescription being submitted to NDDoH?	Electronic attachment V	
Medications must be shipped to a licensed healt	h care provider or administrator.	
Facility		
Name		
Address 1		
Address 2		
City		
State	 	
Zip code		
Phone (TB contact)		
Phone (facility main)		
Fax (facility main)		1000

All prescription must be sent electronically to the UND Center for Family Medicine Pharmacy – Bismarck.

If unable to electronically send the prescription, include a legible copy of the prescription with the request for LTBI medication form.

Complete remaining information for your facility. This is the information the pharmacy will use to mail you the medication requested.

		Shipment Information
How is prescription being submitted to NDDoH?	Electronic attachment	
Medications must be shipped to a licensed healt	h care provider or administrator.	
Facility	Local Public Health	
Name	Nancy Nurse	
Address 1	111 Koch Way	
Address 2		
City	Bismarck	
State	ND 🗸	
Zip code	58501	
Phone (TB contact)	(701) 223-1112	
Phone (facility main)	(701) 223-1111	
Fax (facility main)	(701) 223-1113	1000

Sharing an Event

To allow the contract pharmacy to document monthly shipments permission must be granted by sharing an event.

Event sharing allows a user to grant temporary permissions to another user (or another group) to view an event that ordinarily wouldn't be accessible by that user (or group). share an event, the user must be viewing the event within the Maven dashboard. Follow the steps below to share an event:

- 1) From Maven Dashboard (while viewing the event to be shared), click the Share Event button.
- 2) A screen displays all of the information about existing shares with the event. If there are no existing shares, the screen will display a blank table at the top of the window.

Share Event - Toby Ornot - TB-Active

	Shared Person	Status	Disease	Туре	Shared Date	Shared By	User	User Group	Allow Delegation	Action
Event	Feison	Status	Disease	type	Shaled Date	Shared by	User	User Group	Allow Delegation	ACTON
		-								-
Add Event	Share			2						
Event ID:	10000	6101								
	10000 Toby (
Person:	Toby (Drnot								
Event ID: Person: Disease:	Toby (TB-Ac	Drnot tive								
Person: Disease:	Toby (TB-Ac	Drnot	•							
Person: Disease: Type:	Toby (TB-Ac	Drnot tive	•							
Person: Disease: Type: User:	Toby (TB-Ac View	Drnot tive	•							
Person: Disease: Type:	Toby (TB-Ac View	Drnot tive	•	•						
Person: Disease: Type: User:	Toby (TB-Ac View	Drnot tive		•						

3) Select the type of permissions being allocated to the new user.

Share Event Fields

- **Event ID** The Event ID of the event.
- **Person** The name of the participant in the specific event being shared.
- **Disease** The disease or product specified in the event being shared.
- **Type** The type of permissions give to the user
 - **View Only Limited** User may view a limited amount of question data in the shared event, but may not make any updates to that event.
 - View Only Full User may view all question data in the shared event, but may not make any updates to it.
 - View and Update Limited User sees a limited amount of question data in the shared event, and may make updates to those questions.
 - View and Update Full User may view and edit all questions in the shared event.
- User A dropdown list of users within Maven System
- User Group A dropdown list of user groups within Maven System
- Allow Delegation Specifies if the user or group with whom this event is being shared will have the ability to share it with another user or group.

- 4) Using the dropdown, choose the User or User Group with whom the event will be shared. Note that when creating a share, it is only possible to select either a user or a group, but no both at once. To share with an additional user or group, follow the steps to create another share.
- 5) Check the Allow Delegation box to allow the user or group with whom the event is being shared to also be able to share the event with other users or groups (if desired).
- 6) Click Save. The Shared Events table is now populated with the information from this share.

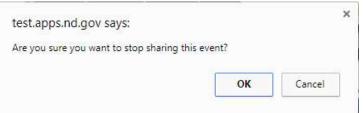
Event	Person	Status	Disease	Туре	Shared Date	Shared By	User	User Group	Allow Delegation	Action
100006101	Toby Ornot	Open	TB-Active	View & Update Full	09/08/2017	Alicia Lepp [alepp]	TB Pharm [TB_PharmTest]		No	Unshare
Add Event S	hare		14							
Event ID:	10000610)1								
Person:	Toby Orne	ot								
Disease:	TB-Active									
Type:	View On	ly Limited	T							
Sec. 10				•						
User:										
User: User Group:										

Unshare an Event

Share Event - Toby Ornot - TB-Active

There will be occasions where it is only necessary to share an event with another group for a limited period of time. When the required amount of time has passed, it is advisable to unshare the event.

- 1) Open the event to be Unshared in the Maven Dashboard.
- 2) Click the Share Event ebutton.
- 3) In the Action column, click the link that says **Unshare** next to the share that needs to be removed. A warning will pop up on your screen verifying that you want to stop sharing the event.



4) Click OK to confirm that the event should no longer be shared.

Reassign Case to NDDoH TB Controller

On the home page, click on the Event Data tab and select the Administrative Question Package to reassign the case to the NDDoH TB Controller.

			_				
ent Summary							
Basic Information	1.						
Event ID:	10000	5984					
Disease:	TB-LT	BI					
Person:	Tiberi	s Byron Ornot	Birth Date: 01	/01/1980 (Male) Phone	: (701) 111-1111	
Dates:		Create Date: 05/01/2017 Event Date: 05/01/2017					
Linked Events/Co	ntacts: 0 linke	0 linked event(s)/contact(s) (View)					
Attachments:		1 attachment(s) (Add) (View)					
	Pregr Age: 3	igation Status: N ancy Status: N/A 37 Years is in workflows [
Edit Event Prope		eam: N/A					
Edit Event Prope	orties Cop	/ Event	Porcone	Tasks	Calondar	Event Properties	Evont Histo
Edit Event Prope			Persons	Tasks	Calendar	Event Properties	Event Histo
	Lab Results	/ Event	Persons	Tasks	Calendar	Event Properties	Event Histo
Event Data Question Package Question Package	Lab Results	/ Event	Persons	Tasks	Calendar		Event Histo
Event Data Question Packag	Lab Results	/ Event	Persons	Tasks	Pers	on	Event Histo
Event Data Question Package Question Package O1. Administrativ 02. Demographic	Lab Results	/ Event	Persons	Tasks	Pers Ever Tibe	on It rius Byron Ornot	Event Histo
Event Data Question Package Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk	Lab Results	/ Event	Persons	Tasks	Pers Ever Tibe Tibe	on It rius Byron Ornot rius Byron Ornot	Event Histo
Event Data Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk 05. Testing Infor	Lab Results	/ Event	Persons	Tasks	Pers Ever Tibe Tibe Tibe	on It rius Byron Ornot rius Byron Ornot rius Byron Ornot	Event Histo
Event Data Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk 05. Testing Inform 06. Medications	Lab Results Lab Results ges e re c : History mation	/ Event	Persons	Tasks	Pers Ever Tibe Tibe Tibe Tibe	on It rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot	Event Histo
Event Data Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk 05. Testing Inforr 06. Medications 07. Provider / Cli	Lab Results Lab Results ges e re c t History mation	/ Event	Persons	Tasks	Pers Ever Tibe Tibe Tibe Tibe Tibe	on it rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot	Event Histo
Event Data Question Package Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk 05. Testing Inforr 06. Medications 07. Provider / Cli 08. Care Plan / F	Lab Results Lab Results ges e c t History mation inic Information Followup	/ Event Concerns	Persons	Tasks	Pers Ever Tibe Tibe Tibe Tibe Tibe Tibe	on it rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot	Event Histo
Event Data Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk 05. Testing Inforr 06. Medications 07. Provider / Cli 08. Care Plan / F 09. Exposure/Co	Lab Results Lab Results ges e c t History mation inic Information Followup pontrol & Prevent	/ Event Concerns		Tasks	Pers Ever Tibe Tibe Tibe Tibe Tibe Tibe Tibe	on it rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot	Event Histo
Event Data Question Package Question Package > 01. Administrativ 02. Demographic 04. Medical/Risk 05. Testing Inforr 06. Medications 07. Provider / Cli 08. Care Plan / F	Lab Results Lab Results ges e c t History mation followup pontrol & Prevention	/ Event Concerns		Tasks	Pers Ever Tibe Tibe Tibe Tibe Tibe Tibe Tibe Tibe	on it rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot rius Byron Ornot	Event Histo

The following screen will appear:

1. Administrative - Tiberius Byron Ornot - TB-LTBI		[Jump To]	Save Save & Stay
			Expand Details
	Disease Status Information		
Event date	05/01/2017	Event type	~
Event date (Manual Override):	MM/DD/YYYY	Event type (Manual Override):	
isease classification status	Suspect V		
nvestigation status:	New		
s the case counted towards morbidity? (for central staff only).			
ase owner:			
Reporting Source			
B Suspect status date	MM/DD/YYYY	LTBI Suspect status date	MM/DD/YYYY
B Date case confirmed	MM/DD/YYYY	LTBI Date case confirmed	MM/DD/YYYY
B Revoked status date	MM/DD/YYYY		
TBI Revoked status date	MM/DD/YYYY		
atient identified as a contact date	MM/DD/YYYY		
	MM/DD/YYYY		
Patient identified as a contact date Case close date 1 What is the count status of this case?			
Case close date 1	MM/DD/YYYY State TB Program		
Case close date	State TB Program		
Case close date What is the count status of this case? RVCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As	State TB Program		Test
Case close date 11	State TB Program	Test	Test
Case close date 1 Yhat is the count status of this case? RVCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As	State TB Program	Test	Test
ase close date II A at is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU notified	State TB Program	Test	Test
Case close date Vhat is the count status of this case? VVCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As Case Manager Name PHU notified PHU final review V	State TB Program	Test	Test
ase close date I Anatis the count status of this case? WCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU notified PHU Inal review eassign To:	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test
ase close date that is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU online PHU final review teassign To: Resubmit date	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test
ase close date I Afait is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU onlined PHU final review eassign To: RF submit date ass AB TB Condition	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test
ase close date I Arat is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU notified PHU final review eassign To: RF submit date Tables Society I tables Society I The condition Min/DD/YYYY I	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test
ase close date That is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU final review eassign To: RF submit date Ease AAB TB Condition Igh profile report sent date Entropy PHU Final	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test
ase close date That is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU molified PHU final review eassign To: RF submit date Interview RF submit date RF submit RF	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test Test
ase close date that is the count status of this case? VCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU final review eassign To: Re submit date Resubmit Res	State TB Program Signed ID Number (99999999) Local Board of Health	Test Test	Test Test
ase close date I Arbat is the count status of this case? WCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally As ase Manager Name PHU online PHU final review RFS submit date RFS submi	State TB Program Signed ID Number (99999999) Local Board of Health	Test	Test Test

Use the drop-down box to reassign the case to the NDDoH TB Controller.

Click save.

The request for medications will go into the NDDoH TB Controllers workflow for review.

Approval

The TB Controller will review all information.

- Approved Pharmacy is notified to fill prescription
- Rejected Additional information will be requested and assigned by to the case owner.

Barren an and an and an and		Approval
Medication request approved to be filled?	V	

Medication approval will be done by the NDDoH TB Controller after final review.

	\frown	Approval
Medication request approved to be filled?	Yes 🗸	
Approved by who:		
Date approved:	MM/DD/YYYY	

By clicking on yes, the request for medications will be placed in the pharmacy workflow This alerts the pharmacist there is a prescription that needs to be filled.

Pharmacy Fulfillment

The pharmacist will review the TB Medication Request Workflow daily for any new prescriptions.

Event	Name		Status	Create Date	Disease	Event Date
10000	S101 Ornot, Toby		Open	07/11/2017	TB-Active	07/11/2017
100005	5984 Ornot, Tiberius Byron		Open	05/01/2017	TB-LTBI	05/01/2017
ilter:	✓ Contains ✓	Apply	Clear	Displaying 12 of 2 (Export	All)	

Workflow Details - TB Medication Request Approval

After filling the prescriptions and shipping the medications the pharmacist will document the date the medication(s) were shipped.

		Shipment Information
How is prescription being submitted to NDDoH?	E-Prescription V	
Medications must be shipped to a licensed hea	th care provider or administrator.	
Facility		
Name		
Address 1		
Address 2		
City		
State		
Zip code		
Phone (TB contact)		
Phone (facility main)		
Fax (facility main)		
Date shipped:	07/03/2017	
Date shipped	08/04/2017	
Date shipped:	09/04/2017	
Date shipped:	10/04/2017 Add New	
Total number of shipments:	4	

Click on Add New to indicate date refills were shipped.

Prescriptions will be filled and mailed within 3 days of notification.

During winter months, medication will be shipped Monday through Wednesday.

The Pharmacist will document the date medications are shipped and reassign the case back to the TB Controller.

To Reassign the case:

Go to the home page; double-click on Administrative Package.

Event Data	Lab Results	Concerns	Persons	Tasks	Calendar	Event Properties	Event History
uestion Packag	Ies						
Lection Package						Pers	son
1. Administrativ	e					Eve	nt
2. Demographic	1					Tibe	rius Byron Orno
4. Medical/Risk	History					Tibe	rius Byron Orno
5. Testing Inform	mation					Tibe	rius Byron Orno
6. Medications						Tibe	rius Byron Orno
7. Provider / Cli	nic Information					Tibe	rius Byron Orno
8. Care Plan / F	ollowup					Tibe	rius Byron Orno
9. Exposure/Co	ntrol & Preventio	n				Tibe	rius Byron Orno
0. Hospitalizatio	n					Tibe	rius Byron Orno
Contact Investiga	ation					Tibe	rius Byron Orno

The following screen will appear:

CRF submit date Class A/B TB Condition	MM/DD/YYYY
Class A/B TB Condition	
Class AVD TD COndition	
High profile report sent date	MM/DD/YYYY
First date reported to CDC	
Report Case to CDC	
Owning Jurisdiction	Burleigh County V
MMWR Week	18 🗸
MMWR Year	2017

Reassign the case to the TB Controller and click Save.

CRF submit date	Delora Pritschet
Class A/B TB Condition	
High profile report sent date	MM/DD/YYYY
First date reported to CDC	
Report Case to CDC	×
Owning Jurisdiction	Burleigh County 🗸
MMWR Week	18 🗸
MMWR Year	2017
Indicates required field	

Prescription that are not e-prescribed will be scanned in to the case in Maven for the Pharmacists review.

Basic Information	
Event ID:	100005984
Disease:	TB-LTBI
Person:	Tiberius Byron Ornot Birth Date: 01/01/1980 (Male) Phone: (701) 111-1111
Dates:	Create Date: 05/01/2017 Event Date: 05/01/2017
Linked Events/Contacts:	0 linked event(s)/contact(s) (View)
Attachments:	1 attachment(s) (Add (View)
Notifications:	Disease Status: Suspect Event Type: N/A Investigation Status: New Pregnancy Status: N/A Age: 37 Years Event is in workflows [View List] TSA Team: N/A
Edit Event Properties	Copy Event

To view the prescription, go to the home page.

Under attachment, click on View

The following screen will open.

There may be multiple selections for review; prescription, CXR, physician notes – click on View to open the document for review.

Attachments									
Create Date	Person	File	Description	Status	Туре	Updated By	Security Level	Action	
05/09/2017	Tiberius Byron Ornot	TBO.pdf	CXR	Requires Review	General	Delora Pritschet [dpritschet]	None	View E	E it Delete

Receiving Medication(s)

When medications are received enter the date the medication, the medication prescribed, dose, route and frequency. Place a check mark to indicate how many months of medication has been dispensed.

	Medication(s) Requested
Request date:	07/04/2017
Did patient start treatment?	Yes V
Patient weight:	120
Unit	Pounds V
Medication E	Rifampin - Active Ingredient: Rifampin V Add New
Dosage	600
Route	PO V
Frequency	1x per day 🗸
Date medication dispensed	07/04/2017
Months medication was dispensed:	✓ 1 5 9 ✓ 2 6 10 ✓ 3 7 11 ✓ 4 8 12
Lenth of regimen (mos)	9
Med Start Date	07/04/2017
Treatment Regimen Start Date	07/04/2017
Treatment Regimen Stop Date	11/04/2017
Toot Toot	
Did patient complete treatment?	Yes V
Date treatment completed	11/04/2017

Document Med Stop Date with the date treatment is completed.

			Medication(s) Requested		
Request date:		07/04/2017			
Did patient start treatment?		Yes V			
Patient weight:		120			
Unit		Pounds V			
Medication E		Rifampin - Active Ingredient: Rifampin	V Add New		
Dosage		600			
Route		PO V			
Frequency		1x per day 🗸			
Date medication dispensed		07/04/2017			
Months medication was dispensed:		☑ 1 🗆 5 🗆 9			
		☑ 2 □ 6 □ 10			
	a c t		0.01		
Lenth of regimen (mos)	-65-	9			
Med Start Date	- COL	07/04/2017	1000	Med Stop Date	11/04/2017
Treatment Regimen Start Date		07/04/2017			11002011
Treatment Regimen Stop Date		11/04/2017			
Comments		11042017			
Loct					
Did patient complete treatment?		Yes V		1000	
Date treatment completed		11/04/2017			

Assign case to NDDoH for Review

Reassign case to NDDoH TB Controller for final review.

ant Summany						
ent Summary						
Basic Information						
Event ID:	100005984					
Disease:	TB-LTBI					
Person:	Tiberius Byron Ornot	Birth Date: 01	/01/1980 (Male) Phon	e: (701) 111-1111	
Dates:	Create Date: 05/01/201	17 Event Dat	te: 05/01/20	017		
Linked Events/Contacts:	0 linked event(s)/conta	ct(s) (View)				
Attachments:	1 attachment(s) (Add)	(View)				
	Pregnancy Status: N/A Age: 37 Years					
Edit Event Properties	Event is in workflows [TSA Team: N/A	View List]				
Edit Event Properties		View List]	Tasks	Calendar	Event Properties	Event Histo
Event Data Lab	TSA Team: N/A Copy Event		Tasks	Calendar	Event Properties	Event Histo
Event Data Lab Question Packages	TSA Team: N/A Copy Event		Tasks	Calendar		Event Histo
Event Data Lab Question Packages Question Package	TSA Team: N/A Copy Event		Tasks		son	Event Histo
Event Data Lab Question Packages Question Peckage 01. Administrative	TSA Team: N/A Copy Event		Tasks	Pers	son	Event Histo
Event Data Lab Question Packages Question Package 01. Administrative 02. Demographic	TSA Team: N/A Copy Event Results Concerns		Tasks	Pers Eve Tibe	son nt vrius Byron Ornot	Event Histo
Event Data Lab Question Packages Question Peckage 01. Administrative	TSA Team: N/A Copy Event Results Concerns		Tasks	Pers Eve Tibe Tibe	son	Event Histo
Event Data Lab Question Packages Question Package Q1. Administrative 02. Demographic 04. Medical/Risk History	TSA Team: N/A Copy Event Results Concerns		Tasks	Pers Eve Tibe Tibe Tibe	son nt vrius Byron Ornot vrius Byron Ornot	Event Histo
Event Data Lab Question Packages Ouestion Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information	TSA Team: N/A Copy Event Results Concerns		Tasks	Pers Eve Tibe Tibe Tibe Tibe	son nt rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot	Event Histo
Event Data Lab Question Packages Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information 06. Medications	TSA Team: N/A Copy Event Results Concerns			Pers Eve Tibe Tibe Tibe Tibe Tibe	son nt rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot	Event Histo
Event Data Lab Question Package Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information 06. Medications 07. Provider / Clinic Info	TSA Team: N/A Copy Event Results Concerns	Persons		Pers Eve Tibe Tibe Tibe Tibe Tibe Tibe	son nt rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot	Event Histo
Event Data Lab Question Package Question Package 01. Administrative 02. Demographic 04. Medical/Risk History 05. Testing Information 06. Medications 07. Provider / Clinic Info 08. Care Plan / Followup	TSA Team: N/A Copy Event Results Concerns	Persons		Pers Eve Tibe Tibe Tibe Tibe Tibe Tibe Tibe	son nt rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot rrius Byron Ornot	Event Histo

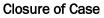
In the Event Data tab, double click on the Administrative question.

The following screen will appear:

1. Administrative - Tiberius Byron Ornot - TB-LTBI		[Jump To]	Save Save & Stay Canc
			Expand Details
	Disease Status Information		
Event date	05/01/2017	Event type	~
Event date (Manual Override):	MM/DD/YYYY	Event type (Manual Override):	✓
* Disease classification status	Suspect V		
Investigation status:	New		
Is the case counted towards morbidity? (for central staff only).			
Case owner:			
Reporting Source		The second	
TB Suspect status date	MM/DD/YYYY	LTBI Suspect status date	MM/DD/YYYY
TB Date case confirmed	MM/DD/YYYY	LTBI Date case confirmed	MM/DD/YYYY
TB Revoked status date	MM/DD/YYYY		
LTBI Revoked status date	MM/DD/YYYY		
Patient identified as a contact date	MM/DD/YYYY		
Case close date			
What is the count status of this case?			
	State TB Program		
RVCT Number (Comprised of Year Reported (YYYY) Alpha State Code (XX) Locally A			The second se
	Local Board of Health		
Case Manager Name			- COL
LPHU notified			
LPHU final review			
Dependent Terr	Other Information		
Reassign To:			
Class A/B TB Condition			
High profile report sent date MM/DD/YYYY			
	- loct	loct	- OCT
Report Case to CDC			
	531		
	L IESL		
MMWR Week 18 V	L IESL		
MMWR Week 18 MMWR Year 2017	L IESL		
MMWR Week 18 V	L IESL		

To assign the case to the TB Controller, select from drop down box the name of the TB Controller and save the entry.

Reassign To:	Other Inform
CRF submit date	MM/DD/YYYY
Class A/B TB Condition	
High profile report sent date	MM/DD/YYYY I
First date reported to CDC	Tool Tool
Report Case to CDC	
Owning Jurisdiction	Burleigh County V
MMWR Week	18 🗸
MMWR Year	2017



The TB Controller will review for treatment disposition, assign a closure code and close the case.

Workflows

Workflow Queues are the mechanism within Maven to identify events and tasks that require user attention. Maven internally monitors new and updated events and tasks to determine what actions are required. Events satisfying monitored conditions are placed in queues, which are then made available to users with permissions to carry out those actions.

To see cases assigned to you, on the home screen click on the gear icon.

Maven Dis	ease Surveillance Su	ite - TEST	
Q 🔷	v i < 🛯 🏛 i	1 ×	
	OCT		0
Alerts and N	otifications		
 Pertussis Salmone 	erence Guide Reference Guide Ila Reference Guide B Reference Guide		
Workflows			
Workflow Que	ue	Ev	ents
Alicia Lepp		18	9 (0)
Arup - No Facili	ity	23	(0)
Brenton Nesem	ieler	4 (0)
CTR Reports Q	C	91	(0)
CTR_Burleigh (County Detention Center	2 (0)
			More
Tasks			
Туре	Priority Name	Disease	
No tasks to disp	olay		
			More
Recent Case	6 11. 1	11	7 11
Event ID	Name	Disease	
100005984	Ornot, Tiberius Byron	TB-LTBI	
100002940	Lewis, Lou	TB-LTBI	
100002940	Cocoa, Hot	TB-LTBI	
100005734	Duck, Donald F	TB-Active	
100005698	Chlamydia Cluster	Chlamydia	
	ormating and ordered	structury due	More
		R 1257	in the Brown

The screen will display all workflows, scroll to locate the TB workflow and click on the workflow assigned to you.

HIV/TB/HEP			
CTR_InvestigationStatus_NEW	92 (0)	Medium	06/30/2017 08:16 AM
Completed STDS missing required fields	8 (0)	Medium	06/30/2017 08:21 AM
Delora Pritschet	37 (0)	Medium	06/30/2017 08:21 AM
Dolaca Pritschet NEW	37 (0)	Medium	06/30/2017 08:21 AM

All cases that require attention will be displayed. Click on the case to open and complete assignment.

Workflow Details - Delora Pritschet NEW

1	Event	Name	Status	Create Date	Disease	Event Date	Last Update	Assigned To	Assigned To Group	InvestigationStatus
]	100005984- 01. Administrative	Ornot, Tiberius Byron	Open	05/01/2017	TB-LTBI	05/01/2017	05/09/2017			NEW
1	100005922- 01. Administrative	Cocoa, Hot	Open	01/19/2017	TB-LTBI	01/19/2017	05/25/2017			NEW
j	100005734- 01. Administrative	Duck, Donald F	Open	07/01/2016	TB-Active	05/16/2005	06/27/2017			NEW
1	100005466- 01. Administrative	VAQSLEW, OKIPXNR	Open	12/11/2015	TB-Active	12/11/2015	12/11/2015			NEW