

Tuberculosis (TB) User Guide

Revised: 05/08/2023

Important Note: This guide only describes how to use the TB features in CAIR2. For information on using other features (e.g., logging in, searching for patients, entering immunizations, etc.), please refer to the CAIR2 Regular User Guide found on the [CAIR2 User Guides Page](#).

For additional support, the following resources are available:

[Local CAIR Representatives \(LCRs\)](http://go.cdph.ca.gov/cair-lcr): (go.cdph.ca.gov/cair-lcr)

CAIR Help Desk:

Phone: 800-578-7889

Email: CAIRHelpDesk@cdph.ca.gov

[CAIR Website](http://cdph.ca.gov/cair): (cdph.ca.gov/cair)


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Section 1: Accessing a Patient's TB Record

1. Log into CAIR2, search for the patient, and open the patient's record (see the CAIR2 Regular User Guide found on the [CAIR2 User Guides Page](#) for more information).
2. Once you have opened the patient's record, the 'Update Patient' screen will display. Click on the **History/Recommend** button.

Update Patient

Personal Information		Save
* Last Name	SMITH	History/Recommend 
* First Name	RODNEY	
Middle Name		
Suffix		Reports
* Birth Date	07/21/2010	Cancel
Mother's Maiden Last	DUVALL	
Mother's First Name	THELMA	
* Gender	Male	
Medi-Cal ID		
Birth Order	(for multiple births)	
Birth Country	UNITED STATES	
Birth State		
Birth County		
Medical Record Number		

3. The patient's 'History/Recommend' screen will appear. Click the **TB Test History** tab to access the patient's TB record.

Patient Information

Patient Name (First - MI - Last)	DOB	Gender	Tracking Schedule	Medical Record Number	CAIR ID
RODNEY SMITH	07/21/2010	M	ACIP		55127


Address: 8439 MAIN ST, LOS ANGELES, CA 90010

Home Phone/Cell Phone: (213) 555-1212 /

Comments: {1 of 2} .. 02/10/2013 ~ History of varicella (chicken pox)




Current Age: 12 years, 9 months, 10 days

Patient Notes (0) [view or update notes](#)

Immunization History **TB Test History** 

Add New Imms Add Historical Imms Edit Patient Reports Print Record Print Confidential Record

Immunization Record

Vaccine Group	Date Admin	Series	Vaccine [Trade Name]	Dose	Owned?	Reaction	Hist?	Edit
DTP/aP	01/04/2011	1 of 4	DTaP-HepB-IPV [Pediatrix ©]		No		Yes	
	06/18/2011	2 of 4	DTaP-HepB-IPV [Pediatrix ©]		No		Yes	
	09/21/2014	3 of 4	DTaP-HepB-IPV [Pediatrix ©]	Full	No			

4. The 'TB Test History' screen will display (see screenshot below). It will list all TB tests (skin and blood tests) and TB-related Chest X-rays recorded in CAIR2 for the patient. If this section is blank, no TB tests or Chest X-rays have been recorded in CAIR2.

Patient Information

Patient Name (First - MI - Last)	DOB	Gender	Tracking Schedule	Medical Record Number	CAIR ID
RODNEY SMITH	07/21/2010	M	ACIP		55127
Address	8439 MAIN ST, LOS ANGELES, CA 90010				
Home Phone/Cell Phone	(213) 555-1212 /				
Comments	{1 of 2} .. 02/10/2013 ~ History of varicella (chicken pox)				



Current Age: 12 years, 9 months, 12 days

Patient Notes (0) [view or update notes](#)

Immunization History **TB Test History**

Add TB Test Add X-ray Test TB Report

TB Test History

Date Given	Type	Given By	Date Read	Determination By	Interpretation	Provider ID	Edit
09/02/2015	PPD-Mantoux	B. THOMAS, RN	09/04/2015	B. THOMAS, RN	Positive	CAIRCLINIC11	
09/14/2015	X-ray	MOORE PEDIATRICS		ALLEN YATES, MD	Normal	CAIRCLINIC11	


- To see all the details for a specific test/X-ray, click on the hyperlinked date of the test under the 'Date Given' column. To edit, delete, or add information to a test/X-ray, click the **Edit** icon on the right side of the TB test.

Section 2: Entering TB Skin and Blood Test Results



CAIR2 currently accepts three types of TB tests: PPD-Mantoux (skin), QuantiFERON (blood), and T-spot (blood), as well as Chest X-rays associated with TB diagnosis.

To enter a TB Test:

- Click the **Add TB Test** button on the 'TB Test History' screen.

 Add TB Test Add X-ray Test TB Report

TB Test History


Date Given	Type	Given By	Date Read	Determination By	Interpretation	Provider ID	Edit
09/02/2015	PPD-Mantoux	B. THOMAS, RN	09/04/2015	B. THOMAS, RN	Positive	CAIRCLINIC11	
09/14/2015	X-ray	MOORE PEDIATRICS		ALLEN YATES, MD	Normal	CAIRCLINIC11	

- Select the type of TB test you need to record (PPD-Mantoux, QuantiFERON, or T-spot) from the 'Type of Test' dropdown. Depending on the type of test you select, different fields will display.

* Type of Test:

Save TB Test

- ✓ PPD-Mantoux
- QuantiFERON
- T-spot



3. Enter the information for the test.

Note: The fields for each type of test are explained in the [PPD-Mantoux Test](#), [QuantiFERON Test](#), and [T-spot Test](#) sections below. Any field that contains an asterisk (*) is required.

4. Once you have entered the information, click the **Save TB Test** button.

PPD-Mantoux Test

For the 'PPD-Mantoux' test, the following fields will display:

The screenshot shows a form for the PPD-Mantoux test. The fields are: * Type of Test: PPD-Mantoux (dropdown); * Date Given: (text input with calendar icon); Given By: (text input); Date Read: (text input with calendar icon); Read By: (text input); Induration (mm): (dropdown); Interpretation: (dropdown); Comments: (text input). At the bottom are 'Save TB Test' and 'Cancel' buttons.

- **Date Given:** Date the skin test was given (placed) in MM/DD/YYYY format.
- **Given By:** First initial and last name of the person who gave (placed) the skin test.
- **Date Read:** Date the skin test was interpreted in MM/DD/YYYY format.
- **Read By:** First initial and last name of the person who interpreted the skin test.
- **Induration (mm):** The skin test result measured in millimeters (mm).
- **Interpretation:** The interpretation of the test result as 'Negative', 'Positive', or 'Unknown'.
- **Comments:** A space to add other information about the test if needed. Do not include sensitive patient information.

QuantiFERON Test

For the 'QuantiFERON' test, the following fields will display:

The screenshot shows a form for the QuantiFERON test. The fields are: * Type of Test: QuantiFERON (dropdown); * Date Given: (text input with calendar icon); Result (Antigen-nil): (text input) IU/ml (must have 2 digits after decimal); Interpretation: (dropdown); Comments: (text input). At the bottom are 'Save TB Test' and 'Cancel' buttons.

- **Date Given:** Date the blood sample was collected for the test in MM/DD/YYYY format.
- **Result (Antigen-nil):** The blood test result measured in IU/ml.
- **Interpretation:** The interpretation of the test result as 'Indeterminate', 'Negative', 'Positive', or 'Unknown'.
- **Comments:** A space to add other information about the test if needed. Do not include sensitive patient information.

T-spot Test

For the 'T-spot' test, the following fields will display:

- **Date Given:** Date the blood sample was collected for the test in MM/DD/YYYY format.
- **Result (Panel A-nil):** The Panel A-nil results of the test, measured by the number of spots.
- **Result (Panel B-nil):** The Panel B-nil results of the test measured by the number of spots.
- **Interpretation:** The interpretation of the test result as 'Borderline', 'Indeterminate', 'Negative', 'Positive', or 'Unknown'.
- **Comments:** A space to add other information about the test if needed. Do not include sensitive patient information.

Section 3: Entering Chest X-Ray Results

CAIR2 accepts documentation of Chest X-rays associated with TB diagnosis.

To enter a Chest X-ray result:

1. Click the **Add X-ray Test** button on the 'TB Test History' screen.

Date Given	Type	Given By	Date Read	Determination By	Interpretation	Provider ID	Edit
09/02/2015	PPD-Mantoux	B. THOMAS, RN	09/04/2015	B. THOMAS, RN	Positive	CAIRCLINIC11	
09/14/2015	X-ray	MOORE PEDIATRICS		ALLEN YATES, MD	Normal	CAIRCLINIC11	

2. The following fields will display (see screenshot below):

* Film Date:

* Taken By (clinic/medical office name):

* Interpretation:

Comments:

Patient is Free of Communicable Tuberculosis:

Clinical Determination Made By:

Note: Any field that contains an asterisk (*) is required.

- **Film Date:** Date the X-ray was taken in MM/DD/YYYY format.
- **Taken By (clinic/medical office name):** Name of the clinic, hospital or radiology center, etc., that took the X-ray. If you do not have this information, enter 'Unknown'.
- **Interpretation:** The interpretation of the X-ray result as 'Abnormal', 'Normal', or 'Unknown'.
- **Comments:** A space to add other information about the X-ray, such as the radiologist's impression. Do not include sensitive patient information.
- **Patient is Free of Communicable Tuberculosis:** Indicate either 'No' or 'Yes'.
- **Clinical Determination Made By:** First initial and last name of the physician who made the clinical determination.

3. Once you have entered the information, click the **Save X-ray Test** button.

Section 4: Running a TB History Report

A report of all the TB tests and X-ray results documented in CAIR2 can be generated and printed.

To generate and print the report:

1. Click the **TB Report** button on the 'TB Test History' screen.

TB Test History

Date Given	Type	Given By	Date Read	Determination By	Interpretation	Provider ID	Edit
09/02/2015	PPD-Mantoux	B. THOMAS, RN	09/04/2015	B. THOMAS, RN	Positive	CAIRCLINIC11	
09/14/2015	X-ray	MOORE PEDIATRICS		ALLEN YATES, MD	Normal	CAIRCLINIC11	

2. The patient's 'TB History' report will display on a different window as a PDF (see screenshot below). You can download or print the report.

TB History							
Name: SMITH, RODNEY				Active: Y			
DOB: 07/21/2010		M/F: M		Share Data: Y			
Registry: CAIR				Disclosed By: CAIR Clinic 11 on 09/21/2016			
CAIR ID: 55127				Date Printed: 05/01/2023			
Medical Record #:				Printed For: LCRCLINIC			
VFC Eligibility:							
Address: 8439 MAIN ST, LOS ANGELES, CA 90010							
Phone: (213) 555-1212							
TB Test History:							
Type	Date Given	Given by	Date read	Read by	Interpretation	Specific Results	Prov/Op. Cd.
Chest X-Ray	09/14/2015	MOORE PEDIATRICS			Normal	Free of communicable tuberculosis Signature/Agency: ALLEN YATES, MD Comments:	CAIRCLINIC11
PPD-Mantoux	09/02/2015	B. THOMAS, RN	09/04/2015	B. THOMAS, RN	Positive	Induration: 10 mm Comments:	CAIRCLINIC11

Note: The patient's most recent TB test (one for each type of TB test) and one most recent Chest X-ray will also print on the patient's official California Immunization Record (Yellow Card). See the CAIR2 Regular User Guide found on the [CAIR2 User Guides Page](#) for information about generating and printing this report.