

CONDITION TESTS

I. Screen prototype: Initial Load

State of Missouri
DEPARTMENT OF HEALTH AND SENIOR SERVICES
Username: swadm04
Agency: DOH-CENTRAL OFFICE

Search

VARICELLA, NEW

- Locators
- Alternate Contacts (0, 1)
- History
- Vaccinations
- Hep B Case Management
- STD Field Records
- CONDITIONS
- Add Condition
- CHLAMYDIA
 - Condition History
 - Diagnostics (1)
 - Associated Field Records
 - Interview Record Listing
 - Symptoms
 - Treatments
 - HIV Status
 - Resolutions (1)
 - List Condition Notes
 - Attachments
 - Confirmation
- VARICELLA (CHICKENPOX)
 - Condition History
 - Additional Information
 - Diagnostics
 - Symptoms (1, 0)
 - Background Information
 - Treatments
 - Drug Susceptibility Tests
 - Contacts
 - Resolutions (1)
 - List Condition Notes
 - Confirmation

Condition Diagnostics for VARICELLA, NEW (Party ID = 2147498922)

Modified Date: 10/27/2011 By: SWADM04 Condition ID: 2147498926 NETSS ID: 474627

QA Complete: Month/Year Counted:

Counted Jurisdiction: Counted Jurisdiction Type:

Managed Jurisdiction: Managed Jurisdiction Type:

[CDC Case Definitions](#)

Submitter:
1241 W STADIUM BLVD STE 2200
JEFFERSON CITY, MO 65109 COLE
USA

Laboratory:

Submitter Physician:

Submitter ICN#:

Received Date:

Result Date: Test Date:

Test Type:

Other Test Type:

Specimen Date: Specimen ID:

Specimen Type: Other Specimen Type:

Qualitative Result: Other Result:

Quantitative Result:

Reference Range:

Percentage:

Post Test Counseled: Counseling Date:

Worker ID:

Additional Specimen Information:

[Add to List](#) [Clear](#)

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Result Date: Test Date:

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Other Test Type:

Specimen Date: Specimen ID:

Specimen Type: Other Specimen Type:

Qualitative Result: Other Result:

Quantitative Result:

Reference Range:

Percentage:

Post Test Counseled: Counseling Date:

Worker ID:

Additional Specimen Information:

[Add to List](#) [Clear](#)

Result Date	Specimen Date	Test Type	Qualitative Result	Quantitative Result	Classification	Entry Date	Entered By
1							

Note: To view all information entered on a specific test, click Edit in the beginning column.

Notes

Note:

0 / 2000

[Add to List](#) [Clear](#)

[Save](#) [Cancel](#)

- Populate the Submitter with the Medical Provider (PRIMARY) from the condition screen.

CONDITION TESTS

If Condition is TB Infection, display TB infection section

Tuberculosis Infection - No Tests Done

No Current Tuberculin Skin Test Done

No Historical Tuberculin Skin Test Done

No Current QuantiFERON Test Done

No Historical QuantiFERON Test Done

No X-Ray Done

If condition is TB Disease or TB Infection, display Tuberculosis Tests Expanded Section

Tuberculosis Tests Expanded

If Negative Mantoux Test:

Anergic: Lot Number:

Manufacturer:

If QuantiFERON:

QuantiFERON Result:

If Abnormal CT Scan, MRI, or Xray Pulmonary

Findings:

Miliary:

If Repeat, Status:

If CT Scan, MRI, or Xray Extrapulmonary

Other Findings:

>If SPOLIGO, MIRU, or RFLP

Pattern: If MIRU, Cluster:

II. Screen Display

- Lock Entry Fields
 - No Wrap
 - Yellow Space is added to right of fields/labels (not in the middle or left)
- Grids set to 100% of full page
- Add to List and Clear set to top right most of grid
- Subheader titles (if needed) are bold
- No borders on sections/tables
- Paging will be available in the TESTS grid when there are more than five rows of information, and the default is to initially show five at a time. Keep the current sort order when paging.
- The tab order should default as top to bottom left to right unless otherwise stated.
- No more than the maximum number of characters can be entered into the following fields:
 - **Tests**
 - Specimen ID - 20
 - Quantitative Result – 5 (ensure the database can hold 5 digits)
 - Reference Range – 64
 - Other Result - 64
 - Other Specimen Type – 64
 - Addl Specimen Information - 250
 - **Tuberculosis Tests**
 - Lot Number – 30
 - Manufacturer – 64
 - Other Findings – 64

CONDITION TESTS

- Pattern – 15
- Cluster - 6
- Other Result - 64

III. JURISDICTION BASED SECURITY –

EDIT link is only available to users that have access for the manage jurisdiction for the condition. Tests can be added for any jurisdiction by all users.

- Refer to properties in Global.ascx.vb file for proper security roles and screen displays. (Ex. ViewHIV, viewTBDisease, viewCD)

IV. Screen prototype: Click Edit Button

default - Windows Internet Explorer provided by DHS5/ITSD

http://devoapp/webmohsis/default.aspx?tc=Person

State of Missouri
DEPARTMENT OF HEALTH AND SENIOR SERVICES
Username: swadm04 Sign Out
Agency: DOH-CENTRAL OFFICE

Home Person Organization

Search Instructions

Provider Roles

CONDITIONS

- Add Condition
- TB DISEASE
- ANIMAL BITES
- SALMONELLOSIS
 - Condition History
 - Diagnostics (2)
 - Symptoms (8)
 - Background Information (2)
 - Treatments
 - Drug Susceptibility Tests
 - ILL Contacts (7)
 - Resolutions (1)
 - Enteric Supplemental
 - Animal Exposure
 - Food Exposure
 - Water and Sewage E
 - Possible Sources of I
 - List Condition Notes (5)
 - Confirmation
 - VARICELLA (CHICKENPOX)
 - TB DISEASE
 - TB INFECTION
 - CAMPYLOBACTERIOSIS

Refresh Tree

Condition Status: * CONFIRMED CDC Case Definitions Update

Submitter: Search Remove TRUMAN MEDICAL CENTER
1000 PASEO BLVD APT 503
KANSAS CITY, MO 64106-3267
JACKSON USA

Laboratory: Search Remove NEXT LAB
225 E 22 STREET ALY E JEFFERSON CITY,
MO 65109 COLE USA

Result Date: * 08/14/2008 (mmddyyyy) Test Date: (mmddyyyy)

Test Type: * CULTURE

Other Test Type:

Classification:

Specimen Date: * 08/05/1990 (mmddyyyy) Specimen ID:

Specimen Type:

Specimen Source:

Specimen Procedure:

Qualitative Result: OTHER Other Result:

Quantitative Result: Reference Range:

Replace

	Result Date	Test Type	Qualitative Result	Quantitative Result	Classification	Entry Date	Entered By
Cancel	08/14/2008	CULTURE				08/28/2008	SWADM04
Edit Remove	08/05/2008	CULTURE	POSITIVE			08/13/2008	SWADM04
1							

Note: To view all information entered on a specific test, click Edit in the beginning column.

Done Local intranet 100%

V. JavaScript validations and behaviors:

- Date Fields: ((RESULT DATE, TEST DATE, SPECIMEN DATE))
 - Display should include label, entry field, calendar icon, and format [Label: (mmddyyyy)]

CONDITION TESTS

- Display “Invalid Date” to the right of the Date field that is not a valid date (i.e. does not have a valid month day year combination) as soon as the user leaves the field. Earliest valid date is 01011800.
- Date fields - listed above – 10 (must have day and slashes in this date so it must be exactly 10 characters)
- When click the calendar icon and select a date, keep the cursor on the date field so the user can tab to the next field.
- Only allow entry of numbers and slashes (no characters)
- When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.
- For numeric fields (QUANTITATIVE RESULT), no entry of characters.
- On select of a Test Type.
 - If ‘OTHER’ selected
Other Test Type textbox is enabled.
 - If not
Other Test Type is disabled.
- On select of a Test Type.
 - If ‘H...’ test is selected
Post Test Counseled selection enabled.
 - If not
Post Test Counseled is disabled.
- On select of a Post Test Counseled.
 - If ‘YES’ selected
Counseling Date and Worker Number fields are enabled.
 - If not
Counseling Date and Worker Number fields are disabled.
- Ensure at least two different ‘OTHER’ Test Types can be added to list.
- On select of a Qualitative Result.
 - If ‘OTHER’ selected
Other Result textbox is enabled.
 - If not
Other Result textbox is disabled.
- On select of a Specimen Type.
 - If ‘OTHER’ selected
Other Specimen Type textbox is enabled.
 - If not
Other Specimen Type textbox is disabled.
- If condition is TB Infection
 - TB Infection section is visible/enabled.
- If condition is TB Disease
 - TB Disease test section is visible/enabled.
- Display Submitter and Laboratory Name and Address after selected
 - To display the Name:
 - Select ORGANIZATION_NAME
 - From SURVWEB.SURVWEB_PARTY_NAME
 - Where CONDITION_PARTY.PARTY_ID = SURVWEB.SURVWEB_PARTY_NAME.PARTY_ID and SURVWEB.SURVWEB_PARTY_NAME(s) PRIMARY_NAME_INDICATOR = ‘Y’

CONDITION TESTS

- To display the Address:
 - Select ADDRESS_1, CITY, STATE, COUNTY, ZIP_POSTAL
 - From COMMON.PARTY_LOCATOR pl, LOCATION.POSTAL_LOCATOR po,
 - WHERE CONDITION_PARTY.PARTY_ID = pl.party_id
 - AND pl.locator_id = po.locator_id
 - AND pl.locator_type = 'POSTAL'
 - AND pl.primary_indicator='Y'
 - AND pl.end_date IS NULL
- Populate ICN based on Submitter and Laboratory are selected
 - If Laboratory is "MISSOURI STATE PUBLIC HEALTH LABORATORY", enable ICN field and load ICN lookup for the submitter selected.
 - If laboratory is NOT "MISSOURI STATE PUBLIC HEALTH LABORATORY", disable ICN field and set ICN value to NULL.

VI. Coding

- Grid Sort
 - TEST Grid sorted Result Date Descending
 - When click column header in grid, check that the sort is currently on that column.
 - If true
Sort list on that column ascending/descending (opposite current sort).
 - If false
Sort list on that column ascending.
 - When click a column header to change the sort, restart the user on page 1 of the grid with the new sort order.
 - Dates sort include the month, day and year.
 - The Entered By name column sorts on Last Name and then First Name.
- Drop down lists
 - Submitter Physician – Pull list of Medical Personnel associated to the Submitter Party.
 - Submitter ICN – Pull list of ICNs associated to the Submitter Party.
 - Test Type (SURVWEB_LOOKUP_VALUE table – LIST_NAME: TEST TYPE)
 - Classification (SURVWEB_LOOKUP_VALUE table – LIST_NAME: CLASSIFICATION)
 - Specimen Type (SURVWEB_LOOKUP_VALUE table – LIST_NAME: SPECIMEN TYPE)
 - Specimen Source (SURVWEB_LOOKUP_VALUE table – LIST_NAME: SPECIMEN SOURCE)
 - Specimen Procedure (SURVWEB_LOOKUP_VALUE table – LIST_NAME: SPECIMEN PROCEDURE)
 - Qualitative Result (SURVWEB_LOOKUP_VALUE table- XREF LIST)
 - Anergic (SURVWEB_LOOKUP_VALUE table – LIST_NAME: YES_NO_UNKNOWN)
 - Quantiferon Result (SURVWEB_LOOKUP_VALUE table – LIST_NAME: RESULT FOR TESTS)
 - Abnormal Status (SURVWEB_LOOKUP_VALUE table – LIST_NAME: STATUS)
 - Abnormal Findings ((SURVWEB_LOOKUP_VALUE table – LIST_NAME: FINDINGS)
 - Miliary (SURVWEB_LOOKUP_VALUE table – LIST_NAME: YES_NO)
- TEXT Boxes (SPECIMEN_ID, OTHER_RESULT, REFERENCE_RANGE, LOT_NUMBER, MANUFACTURER, OTHER_FINDINGS, PATTERN, MIRU_CLUSTER)

CONDITION TESTS

- All text boxes transform text to uppercase on entry
- Trim all spaces from the beginning and end of textbox text before checking it for errors and before storing it in the database
- LTBI No Tests Section only displays when condition is TB INFECTION
- Tuberculosis Tests Section only displays when condition is TB INFECTION or TB DISEASE
- Specimen Source and Specimen Procedure only display when condition is MOTT, TB DISEASE, or TB INFECTION (panel control).

VII. Display grid links

- **Before Save** of Record – Display [Edit](#) and [Remove](#) links
- **After Save** of Record – Display Update and QA Role – [Edit](#) link only
Admin Role – [Edit](#) and [Remove](#)

VIII. Error messages

- Display in the order of the fields on the screen when [Add to List](#) is clicked or the **Save** button:
 - **Tests**
 - Laboratory is required
 - Result Date is required (for CD and TB conditions)
 - Test Type is required
 - Test Type Other is required if OTHER is selected. (Other includes CT OTHER, GC OTHER, S OTHER, etc)
 - For this test, specimen Date is required. (when test type is **not** MANTOUX, XRAY, CT SCAN, AUDIO ACUITY or TINE.)
 - For this test, test Date is required (when test type is MANTOUX, XRAY, CT SCAN, AUDIO ACUITY or TINE.)
 - For this test, Laboratory is required (when test type is **not** MANTOUX, XRAY, CT SCAN, AUDIO ACUITY or TINE.)
 - Qualitative Result or Quantitative Result is required
 - Result Date cannot be a future date
 - Result Date cannot be prior to the person's date of birth
 - Result Date cannot be prior to Specimen Date
 - Received Date cannot be a future date
 - Received Date cannot be prior to the person's date of birth
 - Received Date cannot be prior to Specimen Date
 - Received Date cannot be prior to Test Date
 - Specimen Date cannot be a future date
 - Specimen Date cannot be prior to the person's date of birth
 - Specimen Type Other is required if OTHER is selected.
 - Test Date cannot be a future date
 - Test Date cannot be prior to the person's date of birth
 - Test Date cannot be prior to Specimen Date
 - Test Date cannot be prior to Result Date
 - Specimen ID must be alphanumeric, punctuation cannot be entered
 - Quantitative Result cannot be entered when Qualitative Result is 'NOT DONE' or 'UNKNOWN'
 - All three quantitative result fields must be entered.

CONDITION TESTS

- Information has been entered to add to a list, click Add to List or Clear the information

STD Tests - Specific Rules

- ICN is required
- Received Date is required
- If test is H CD4, percentage or quantitative result is required.
- Specimen Type is required (for STD conditions)
- If Post Test Counseling is YES, counseling date and worker number are required.
- Counseling Date cannot be prior to Specimen Date

• Tuberculosis Tests - Specific Rules

- Quantitative Result is required when Test Type is 'MANTOUX' and Qualitative Result is not NOT DONE or UNKNOWN
- Anergic can only be selected when Test Type is 'MANTOUX' and Qualitative Result is 'NEGATIVE'
- QuantiFERON Result is required when Test Type is 'QuantiFERON' and Qualitative Result is not NOT DONE or UNKNOWN
- Abnormal Status can only be selected when Test Type is 'CT SCAN', 'MRI' or 'XRAY PULMONARY' and Qualitative Result is 'ABNORMAL'
- Findings can only be selected when Test Type is 'CT SCAN', 'MRI' or 'XRAY PULMONARY' and Qualitative Result is 'ABNORMAL'
- Miliary can only be selected when Test Type is 'CT SCAN', 'MRI' or 'XRAY PULMONARY'
- Pattern is required when Test Type is 'SPOLIGO', 'MIRU' or 'RFLP' and Qualitative Result is not NOT DONE or UNKNOWN.
- SPOLIGO Pattern must be exactly 15 digits having the digits 0-7 without spaces
- MIRU Pattern must be exactly 12 characters possibly having the digits 0-9, lowercase a-z, and dash (-) without spaces
- RFLP Pattern has a maximum of 9 characters possibly having the digits 0-9, uppercase A-Z, dash (-) and spaces
- Cluster has a maximum of 6 characters possibly having the digits 0-9, A-Z without spaces
- Lot Number must be alphanumeric, punctuation cannot be entered
- Manufacturer must be alphabetic, punctuation cannot be entered
- Other Findings must be alphanumeric, punctuation cannot be entered

TB Infection Tests - Specific Rules

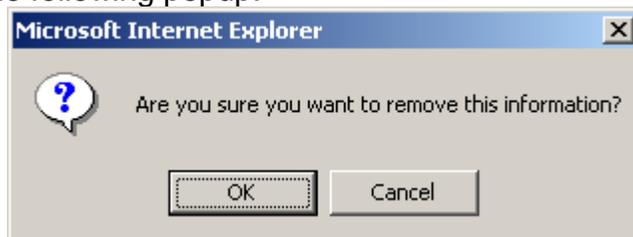
- No Current Test Administered must be checked because there are no CURRENT or PENDING tests in the list
- No Historical Test Administered must be checked because there are no Historical Mantoux or Historical tine tests in the list
- No Current Test Administered cannot be checked because there are current or pending tests in the list
- No Historical Test Administered cannot be checked because there are Historical Mantoux or Historical Tine tests in the list
- No Current QuantiFERON Test Administered must be checked because there are no current or PENDING QuantiFERON tests in the list
- No Historical QuantiFERON Test Administered must be checked because there are no Historical QuantiFERON tests in the list.
- No Current QuantiFERON Test Administered cannot be checked because there are current QuantiFERON tests in the list

CONDITION TESTS

- No Historical QuantiFERON Test Administered cannot be checked because there are Historical QuantiFERON tests in the list
- No X-Ray Done must be checked because there are no current or pending x rays in the list
- No X-Ray Done cannot be checked because there are current or pending x-rays in the list

IX. Buttons & Links

- Validation to display messages to the user will not be performed on [Clear](#) or on **Cancel**
- When click a [Clear](#) link
 - Clear out the entry fields in that section
 - Clear out error messages in that section.
- When click an [Add to List](#) link, validate entry fields in that section and their combinations.
- If passes validation
 - Add those items to the grid in a new row that has a [Remove](#) link sorted the same as prior to clicking the link
 - Clear out the entry fields in that section
 - Clear out error messages in that section. When add an item to the list, check to see what Show is set to and what the row number is for the newly added row.
 - Remember the Submitter and Laboratory in the entry fields for additional records.
- Display the page of the grid that the new row is added to.
- When click a [Remove](#) link
 - Display the following popup.



- If the user clicks OK
 - Remove the row and display grid
 - Clear out the entry fields in that section
 - Clear out error messages in that section.
- If the user clicks Cancel
 - Do not remove the row from the grid display and do not clear any entry fields or error messages.
- When click **Cancel** button, reload screen.

X. Other Links

- [Search](#) - When click [Search](#) link, display the Search Organization screen in a popup (the screen should appear in a window wide and tall enough that all its fields are visible).
 - When a Person/Organization is selected, close the Search popup.
 - a. Display the selected person or organization name and Date of Birth (if applicable).
 - b. The [Remove](#) link should display when the person or organization has not yet added it to the list. Otherwise, the [Remove](#) link should be hidden.
 - Closing the Search Person or Organization screen without a selection should keep the cursor on the Search link without changing anything on the screen.

CONDITION TESTS

- The Type dropdown will be filtered using the lookup table – List Name: PROVIDER_ORG_TYPE.
 - a. Submitter – Filter Value: TESTS SUBMITTER
 - i. College/University – Student Health Facility
 - ii. Correctional Facility (State)
 - iii. Health Department
 - iv. Hospital
 - v. Laboratory
 - vi. Private Provider
 - b. Lab – Filter Value: TESTS LABORATORY
 - i. Laboratory
- When a Person is selected, close the Search popup. Display the selected party.
- [Name Link](#) - This screen lists all the matched information in the databases. Click the [Name Link](#) link to select a record.
- The Type dropdown will be filtered using the lookup table – List Name: PROVIDER_ORG_TYPE.
 - Submitter – Filter Value: TESTS SUBMITTER
 - a. College/University – Student Health Facility
 - b. Correctional Facility (State)
 - c. Health Department
 - d. Hospital
 - e. Laboratory
 - f. Private Provider
 - Lab – Filter Value: TESTS LABORATORY
 - a. Laboratory

XI. Database routines

- a. Tests information will be stored in the SURVWEB_COND_TESTS table. This will be a new table as shown below.
- b. If Post Test Counseled is YES, at save insert a record in the SURVWEB_HIV_POST_TEST_COUNSEL Post Test Counseling table. If worker number and counseling date already exist in the HIV PTC tables, do not insert another record. (See DESIGN for HIV STATUS)
- c. If the test determines the HIV status (see the table below – SURVWEB_LOOKUP_NAME – LIST_NAME = HIV CROSS REFERENCE) at save insert a record in the SURVWEB_HIV_STATUS with the status date taken from the SPECIMEN DATE. If status and status date already exist in the table, do not insert. (See DESIGN for HIV STATUS)

Test Type (FILTER_VALUE)	Qualitative Result (SHORT_VALUE)	HIV Status (VALUE)
H-Antigen	Positive	POSITIVE
H-Antigen	Negative	NEGATIVE
H-Antigen	Indeterminate	INDETERMINATE
H-Antigen	Unsatisfactory	UNKNOWN
H-Antigen	Contaminated	UNKNOWN
H-Antigen	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Centaur	Positive	PRELIMINARY POSITIVE
H-Centaur	Negative	NEGATIVE

CONDITION TESTS

H-Centaur	Indeterminate	INDETERMINATE
H-Centaur	Unsatisfactory	UNKNOWN
H-Centaur	Contaminated	UNKNOWN
H-Centaur	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Clearview	Positive	PRELIMINARY POSITIVE
H-Clearview	Negative	NEGATIVE
H-Clearview	Indeterminate	INDETERMINATE
H-Clearview	Unsatisfactory	UNKNOWN
H-Clearview	Contaminated	UNKNOWN
H-Clearview	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Elisa	Positive	PRELIMINARY POSITIVE
H-Elisa	Negative	NEGATIVE
H-Elisa	Indeterminate	INDETERMINATE
H-Elisa	Unsatisfactory	UNKNOWN
H-Elisa	Contaminated	UNKNOWN
H-Elisa	Awaiting Results	TEST DONE RESULT UNKNOWN
H-IFA	Positive	POSITIVE
H-IFA	Negative	NEGATIVE
H-IFA	Indeterminate	INDETERMINATE
H-IFA	Unsatisfactory	UNKNOWN
H-IFA	Contaminated	UNKNOWN
H-IFA	Awaiting Results	TEST DONE RESULT UNKNOWN
H-NAAT	Positive	PRELIMINARY POSITIVE
H-NAAT	Negative	NEGATIVE
H-NAAT	Indeterminate	INDETERMINATE
H-NAAT	Unsatisfactory	UNKNOWN
H-NAAT	Contaminated	UNKNOWN
H-NAAT	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Oraquick	Positive	PRELIMINARY POSITIVE
H-Oraquick	Negative	NEGATIVE
H-Oraquick	Indeterminate	INDETERMINATE
H-Oraquick	Unsatisfactory	UNKNOWN
H-Oraquick	Contaminated	UNKNOWN
H-Oraquick	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Orasure	Positive	PRELIMINARY POSITIVE
H-Orasure	Negative	NEGATIVE
H-Orasure	Indeterminate	INDETERMINATE
H-Orasure	Unsatisfactory	UNKNOWN
H-Orasure	Contaminated	UNKNOWN
H-Orasure	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Unigold	Positive	PRELIMINARY POSITIVE
H-Unigold	Negative	NEGATIVE
H-Unigold	Indeterminate	INDETERMINATE
H-Unigold	Unsatisfactory	UNKNOWN
H-Unigold	Contaminated	UNKNOWN
H-Unigold	Awaiting Results	TEST DONE RESULT UNKNOWN
H-Viral Load	Within or above detectable limit of test (if > or = is entered)	POSITIVE
H-Viral Load	Below detectable limit (if < is entered)	UNKNOWN

CONDITION TESTS

H-Western Blot	Positive	POSITIVE
H-Western Blot	Negative	NEGATIVE
H-Western Blot	Indeterminate	INDETERMINATE
H-Western Blot	Unsatisfactory	UNKNOWN
H-Western Blot	Contaminated	UNKNOWN
H-Western Blot	Awaiting Results	TEST DONE RESULT UNKNOWN

Table:	Field on Screen	Database column	
Table: SURVWEB.SURVWEB_COND_TESTS PK SURVWEB_COND_TESTS_ID FK1 SURVWEB_CONDITION_ID TEST_DATE RESULT_DATE TEST_TYPE CLASSIFICATION SPECIMEN_TYPE SPECIMEN_PROCEDURE SPECIMEN_SOURCE_ANATOMIC_TEXT SPECIMEN_SOURCE_ANATOMIC_CODE SPECIMEN_DATE SPECIMEN_ID QUALITATIVE_RESULT QUANTITATIVE_RESULT QUANTITATIVE_RESULT_UNIT REFERENCE_RANGE SUBMITTER_CONDITION_PARTY_ID LAB_CONDITION_PARTY_ID ANERGIC LOT_NUMBER MANUFACTURER QUANTIFERON_RESULT ABNORMAL_STATUS ABNORMAL_FINDINGS OTHER_FINDINGS PATTERN MIRU_CLUSTER OTHER_RESULT ENCOUNTER_ID ENTRY_USERID ENTRY_DATETIME LAST_CHANGED_USERID LAST_CHANGED_DATETIME	NA	SURVWEB_COND_TESTS_ID	Generate the SURVWEB_COND_TESTS_ID
	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID to SURVWEB_CONDITION_ID
	Test Date	TEST_DATE	
	Result Date	RESULT_DATE	
	Received Date	RECEIVED_DATE	
	Test Type	TEST_TYPE	
	Classification	CLASSIFICATION	
	Specimen Type	SPECIMEN_TYPE	
	Specimen Type Other	SPECIMEN_TYPE_OTHER	
	Specimen Procedure	SPECIMEN_PROCEDURE	
	Specimen Source	SPECIMEN_SOURCE_ANATOMIC_TEXT	
		SPECIMEN_SOURCE_ANATOMIC_CODE	
	Specimen Date	SPECIMEN_DATE	
	Specimen ID	SPECIMEN_ID	
	Addl Specimen Info	ADDL_SPECIMEN_INFO	
	Qualitative Result	QUALITATIVE_RESULT	
	Quantitative Result	QUANT_RESULT_INDICATOR	
		QUANTITATIVE_RESULT	
		QUANTITATIVE_RESULT_UNIT	
	Reference Range	REFERENCE_RANGE	
	Submitter (Search)	SUBMITTER_CONDITION_PARTY_ID	See below
	Submitter Physician	SUBMITTER_PHYSICIAN_ID	
	Submitter ICN	SUBMITTER_ICN	
	Laboratory (Search)	LAB_CONDITION_PARTY_ID	See below
	Anergic	ANERGIC	
	Lot Number	LOT_NUMBER	
	Manufacturer	MANUFACTURER	
	Quantiferon Result	QUANTIFERON_RESULT	
	Abnormal Status	ABNORMAL_STATUS	
	Miliary	MILIARY	
	Abnormal Findings	ABNORMAL_FINDINGS	
	Other Findings	OTHER_FINDINGS	
	Pattern	PATTERN	
MIRU Cluster	MIRU_CLUSTER		
Other Result	OTHER_RESULT		
Post Test Counseled	POST_TEST_COUNSELED		
Counseling Date	COUNSELING_DATE		
Worker Number	WORKER_NUMBER		

CONDITION TESTS

	NA	MESSAGE_CONTROL_ID	For ELR purposes
	NA	ENCOUNTER_ID	
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
	NA	ENTRY_USERID	Set ENTRY_USERID = userid
	NA	LAST_CHANGED_DATETIME	NULL
	NA	LAST_CHANGED_USERID	NULL

d. LTBI Tests information will be stored in the SURVWEB_COND_TB_INFECTION table. This will be a new table as shown below.

Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_TB_INFECTION		NA	SURVWEB_COND_TB_INFECTION_ID	Generate a SURVWEB_COND_TB_INFECTION_ID
PK	SURVWEB_COND_TB_INFECTION_ID			
FK1	SURVWEB_CONDITION_ID WARNING_OVERRIDDEN_IND CURRENT_SKIN_TEST_IND HIST_SKIN_TEST_IND CURRENT_QFERON_TEST_IND HIST_QFERON_TEST_IND XRAY_IND BCG_VACCINE_IND MED_PROVIDED_BY DOT_INDICATOR ENTRY_DATETIME ENTRY_USERID LAST_CHANGED_DATETIME LAST_CHANGED_USERID	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID = the CONDITION_ID
		NA	WARNING_OVERRIDDEN_IND	
		No Current Tuberculin Skin Test Done	CURRENT_SKIN_TEST_IND	
		No Historical Tuberculin Skin Test Done	HIST_SKIN_TEST_IND	
		No Current QuantiFERON Test Done	CURRENT_QFERON_TEST_IND	
		No Historical QuantiFERON Test Done	HIST_QFERON_TEST_IND	
		No X-Ray Done	XRAY_IND	
		NA	BCG_INDICATOR	
		NA	MED_PROVIDED_BY	
		NA	DOT_INDICATOR	
		NA	ENTRY_DATETIME	Set ENTRY_DATETIME = current date time
		NA	ENTRY_USERID	Set ENTRY_USERID = userid

XII. Database routines – NOTES or COMMENTS

CONDITION NOTES - To display the Comments in various screens, use NOTE_TYPE for filter. Comments will be saved to SURVWEB_COND_NOTE with a note type of TEST.

Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_NOTE		NA	SURVWEB_COND_NOTE_ID	Generate a SURVWEB_COND_NOTE_ID
PK	SURVWEB_COND_NOTE_ID			
FK1	SURVWEB_CONDITION_ID ENCOUNTER_ID CONTACT_ID NOTE_TYPE NOTE_TEXT ENTRY_DATETIME ENTRY_USERID	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID = the CONDITION_ID
		Encounter Screen – ENCOUNTER_ID generated at SAVE	ENCOUNTER_ID	Set ENCOUNTER_ID to ENCOUNTER_ID

CONDITION TESTS

	Condition Contact Screen – CONTACT_ID generated at SAVE	CONTACT_ID	Set NOTE_TEXT to NOTE_TEXT
	NA	NOTE_TYPE	Set NOTE_TYPE = DRUG (when entered from the DRUG SUSCEPTIBILITY node)
	Narrative	NOTE_TEXT	Set NOTE_TEXT to NOTE_TEXT
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = current date time
	NA	ENTRY_USERID	Set ENTRY_USERID = userid

XIII. QA Reporting

Previously some warnings were displayed to users that will be looked at through reporting.

TB DISEASE

- Test Type is 'MANTOUX' and Qualitative Result is 'POSITIVE' and Quantitative Result is less than 5 mm
- Result Date should be at least 48 hours after Specimen Date. This applies to MANTOUX Test Types

TB INFECTION

- No Current Test Administered is checked
- Result Date should be between 48 and 72 hours of Test Date.
- Result Date should be at least 48 hours after Specimen Date” for QuantiFERON tests
- The current skin test result does not seem to be positive.” when the induration (mm) is ≥ 0 and < 5
- (WARNING_OVERRIDDEN_IND in TB_INFECTION table) The current skin test result does not seem to be positive for the selected risk factors” above the risk factor entry field when
 - The latest induration (mm) ≥ 5 and < 10
 - Risk Factor in the list are:
 1. Equal to “CONTACT TO TB CASE”
 2. Starts with “IMMUNOSUPPRESSED”
 3. Starts with “ABNORMAL CHEST X-RAY”