

# Treatment and Treatment Status

## 1. Screen Prototype at Initial Load (Show treeview and right frame)

Medication Provided By shows for TB Infection Only

Treatment Section shows for all conditions

Treatment Status shows for TB Disease and TB Infection

The screenshot shows a web application interface for TB treatment management. The interface is displayed in a Windows Internet Explorer browser window. The main content area is divided into several sections:

- Navigation Menu (Left):** A treeview showing various conditions and their associated data points. The 'TB INFECTION' condition is selected, showing sub-items like 'Condition History', 'Additional Information', 'Diagnostics (1)', 'Test/Evaluation Reasons (3)', 'Symptoms', 'Background Information (1)', 'Treatments (1, 1)', 'HIV Status', 'Drug Susceptibility Tests', 'Contacts', 'Encounters', 'Resolutions (2)', and 'List Condition Notes (6)'. Other conditions listed include PARAGONIMIASIS, ROCKY MOUNTAIN SPOTTED, ANIMAL BITES, ANTHRAX, LEGIONELLOSIS, CAMPYLOBACTERIOSIS, VARICELLA (CHICKENPOX), INFLUENZA A NOVEL, E. COLI O157 H7, MOTT, TB DISEASE, and PERTUSSIS.
- Medication Provided By Form:** A form for entering medication details. Fields include:
  - Medication Provided By: (Dropdown)
  - Drug: (Dropdown menu)
  - Other Drug: (Text input)
  - Dosage: (Text input)
  - Frequency: (Dropdown menu)
  - Duration: (Text input)
  - Start Date: (Text input with calendar icon)
  - Route: (Dropdown menu)
  - Other Route: (Text input)
  - Site of Treatment: (Dropdown menu)
  - At Completion of Therapy: (Text input)
  - Client Weight: (Text input)
  - End Date: (Text input with calendar icon)
  - Treatment Facility: (Text input with 'Search' button)
  - Number Doses Administered: (Text input)
  - Facility Physician: (Text input)
- Treatment Records Table:** A table with columns: Drug, Dosage, Duration, Start Date, Projected End Date, End Date, Doses Admin., Entry Date, Entered By.
 

| Drug      | Dosage | Duration | Start Date | Projected End Date | End Date | Doses Admin. | Entry Date | Entered By |
|-----------|--------|----------|------------|--------------------|----------|--------------|------------|------------|
| ISONIAZID | 500 MG | 10 WEEKS | 09/01/2007 |                    |          |              | 03/14/2008 | TB22       |
- Treatment Status Form:** A form for entering treatment status details. Fields include:
  - Treatment Status: (Dropdown menu)
  - Other Status: (Text input)
  - Status Date: (Text input with calendar icon)
  - Type of Therapy: (Dropdown menu)
  - If DOT, Location: (Dropdown menu)
  - If DOT, Number Weeks DOT: (Text input)
  - Reason: (Dropdown menu)
  - Reason Other: (Text input)
- Treatment Status Table:** A table with columns: Treatment Status, Status Date, Type of Therapy, DOT Location, Weeks DOT, Entry Date, Entered By.
 

| Treatment Status | Status Date | Type of Therapy | DOT Location | Weeks DOT | Entry Date | Entered By |
|------------------|-------------|-----------------|--------------|-----------|------------|------------|
| THERAPY STOPPED  | 02/01/2007  |                 |              |           | 03/14/2008 | TB22       |
- Notes Section:** A text area for entering notes, currently showing '0 / 2000' characters.

## Treatment and Treatment Status

### Treatment Adequate, Incidental Antibiotic Treatment, and AntiRetroviral Therapy variables added for STD condition 10/31/2011

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

Home Person Organization Admin Aggregate Reporting Party Match

Search [Reports](#) [Instructions](#)

REACTOR, ONE

- Locators
- Alternate Contacts
- History
- Provider Roles
- Vaccinations
- Hep B Case Management
- STD Field Records

CONDITIONS

- Add Condition
- SYPHILIS, PRIMARY
  - Condition History
  - Diagnostics (4)
  - Associated Field Records (2)
  - Interview Record Listing (1)
  - Symptoms
  - Treatments (1)
  - HIV Status (1, 1, 4)
  - Resolutions (1)
  - List Condition Notes (1)
  - Attachments (1)
  - Confirmation
- CHLAMYDIA

Refresh Tree

Drug:  Other Drug:

Dosage:  Frequency:

Duration:  Start Date:  (mmddyyyy)

Route:  Other Route:

Site of Treatment:  At Completion of Therapy:

Client Weight:  End Date:  (mmddyyyy)

Treatment Facility: [Search](#) Number Doses Administered:

Facility Physician:

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

|   | Drug         | Dosage  | Duration | Start Date | Projected End Date | End Date | Doses Admin. | Entry Date | Entered By |
|---|--------------|---------|----------|------------|--------------------|----------|--------------|------------|------------|
| <a href="#">Edit</a> <a href="#">Remove</a> | AZITHROMYCIN | 20.5 CC | 5 DAYS   | 09/01/2011 | 09/06/2011         |          |              | 09/14/2011 | SWADM04    |

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

Treatment Adequate: \*

**Incidental Antibiotic Treatment**

Incidental Antibiotics: \*

Antibiotic Treatment:

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

|   | Antibiotic Treatment | Entry Date | Entered By |
|---|----------------------|------------|------------|
| 1 |                      |            |            |

**Anti Retroviral Therapy for HIV**

Last 12 Months:  Ever:

**Notes**

Note:

0 / 2000

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

| Entry Date | Note              | Entered By |
|------------|-------------------|------------|
| 09/14/2011 | note on treatment | SWADM04    |

Local intranet 100%

#### 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

## Treatment and Treatment Status

### 2. Screen prototype: Click Edit Link

Y. EIGHTH  
Locators  
History  
Provider Roles  
CONDITIONS  
Add Condition  
TB DISEASE  
ANIMAL BITES  
SALMONELLOSIS  
Condition History  
Diagnostics (2)  
Symptoms (8)  
Background Information (2)  
Treatments (2)  
✗ Drug Susceptibility Tests  
ILL Contacts (7)  
Resolutions (1)  
✗ Enteric Supplemental  
✗ Animal Exposure  
✗ Food Exposure  
✗ Water and Sewage Exposure  
✗ Possible Sources of Infection  
List Condition Notes (6)  
Confirmation  
VARICELLA (CHICKENPOX)  
TR DISFASF

Drug: \* TRIMETHOPRIM-SULFAMETHOXAZOLE Other Drug:

Dosage: 200 MG Frequency: TWICE A DAY (BID)

Duration: 6 MONTHS Start Date: 08/01/2008 (mmddyyyy)

Route:  Other Route:

Site of Treatment:  At Completion of Therapy:

Client Weight:  End Date: 09/15/2008 (mmddyyyy)

Treatment Facility: [Search](#) Number Doses Administered: 20

| Drug   | Dosage | Duration | Start Date | Projected End Date | End Date   | Doses Administered | Entry Date | Entered By |
|--|--------|----------|------------|--------------------|------------|--------------------|------------|------------|
| <a href="#">Cancel</a> TRIMETHOPRIM-SULFAMETHOXAZOLE                   | 200 MG | 6 MONTHS | 08/01/2008 | 01/28/2009         | 09/15/2008 | 20                 | 09/23/2008 | SWADI      |
| <a href="#">Edit</a> <a href="#">Remove</a> ARE ALL OTHER NAME OF DRUG |        |          |            |                    |            |                    | 09/23/2008 | SWADI      |

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

Notes  
Note:

0 / 2000

### 3. JURISDICTION BASED SECURITY –

**EDIT link is only available to users – that have access for the manage jurisdiction for the condition.**

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

### 4. JavaScript validations and behaviors:

- Date Fields: (DATE OF LAST EXPOSURE, ONSET DATE)
  - Display should include label, entry field, calendar icon, and format [Label:  (mmddyyyy) ]
  - 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)

## Treatment and Treatment Status

- 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 (Dosage, Duration, Client Weight, Number Doses Administered, Number Weeks DOT), use JavaScript to not allow entry of characters.
- Use JavaScript on select of Drug
  - If “NON TB MED” or “OTHER” is selected, Other Drug is enabled.
  - If not, Other Drug is disabled
- Use JavaScript on select of Route
  - If “OTHER” is selected, Other Route is enabled.
  - If not, Other Route is disabled
- Use JavaScript on select of a Treatment Status
  - If ‘THERAPY RESTARTED’ or “NO THERAPY NEEDED” is selected  
Type of Therapy disabled
  - If not  
Type of Therapy enabled
- Use JavaScript on select of Type of Therapy
  - If ‘TOTALLY DIRECTLY OBSERVED’ or ‘BOTH DIRECTLY OBSERVED, SELF ADMINISTERED’ is selected  
“If DOT, Location” and “If DOT, Number Weeks DOT” enabled
  - If not “If DOT, Location” and “If DOT, Number Weeks DOT” disabled
- Display Facility 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’
  - 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
- Display the following fields when it is a STD condition.
  - Route
  - Other Route
  - Site of Treatment
  - Client Weight
  - End Date
- Enable the following fields when the condition is HIV, ADULT or HIV, PEDIATRIC.
  - Anti Retroviral Therapy Last 12 months
  - Anti Retroviral Therapy Ever

## 5. Coding

## Treatment and Treatment Status

- Paging will be available in the list grids to show five at a time and add paging when there are more than five rows of information. 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:
  - **Treatment**
    - Other Drug – 64
    - Dosage – 4 (digits only) – allow decimal entries.
    - Duration – 4 (digits only)
    - Other Route – 64 (alphanumeric)
    - Number Doses Administered – 3 (digits only)
  - **Status**
    - Weeks DOT – 3 (digits only)
    - Other Reason – 64 (alphanumeric)
- Grid Sort
  - Sort list as follows:
    - Medications by Start Date descending
    - Non TB Medications by Start Date descending
    - Status by Status 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.
- Drop down lists
  - Medication Provided By (List Name: MEDICATION PROVIDED BY)
  - Drug (List Name: DRUG FOR TREATMENT, Filter Value: Condition Name)
  - Dosage (List Name: DOSAGE)
  - Frequency (List Name: FREQUENCY)
  - Duration (List Name: DURATION)
  - Site of Treatment (List Name: TREATMENT SITE)
  - Route (List Name: ROUTE)
  - Weight (List Name: WEIGHT)
  - Treatment Status (List Name: TREATMENT STATUS)
  - Type of Therapy (List Name: TYPE OF THERAPY)
  - DOT Location (List Name: DOT LOCATION)
  - Reason (List Name: TREATMENT\_STATUS\_REASON)
  - Treatment Facility Physician – populated from the medical personnel associated to the submitter party.

## 6. Display grid links

- **Before Save** of Record – Display [Edit](#) and [Remove](#) links
- **After Save** of Record – Display

## Treatment and Treatment Status

Update and QA Role – [Edit](#) link only

- Admin Role – [Edit](#) and [Remove](#)

## 7. Error Messages

- Display in the order of the fields on the screen when [Add to List](#) is clicked or the **Save** button.

- **Treatment error messages**

- MOST CONDITIONS

- ❖ Drug is required
    - ❖ Other Drug is required when 'OTHER' is selected
    - ❖ Other Drug must be alphanumeric with a minimum of 3 characters and a maximum of 64
    - ❖ Other Drug cannot be entered when the same Drug can be selected
    - ❖ One Dosage field cannot be entered without the other
    - ❖ One Duration field cannot be entered without the other
    - ❖ Start Date cannot be prior to the Person's Date of Birth
    - ❖ Start Date must be prior to End Date
    - ❖ End Date cannot be a future date
    - ❖ End Date cannot be prior to the Person's Date of Birth
    - ❖ Information has been entered to add to a list, click Add to List or Clear the information
    - ❖ The selected drug already exists for the timeframe
    - ❖ Other Route is required when 'OTHER' is selected
    - ❖ Other Route cannot be entered when the same Route can be selected
    - ❖ Other Route must be alphanumeric, punctuation cannot be entered

- STD CONDITIONS

- ❖ Dosage is required
    - ❖ Frequency is required
    - ❖ Duration is required
    - ❖ Start Date is required
    - ❖ Treatment Adequate is required
    - ❖ Treatment Facility is required

- TB DISEASE

- ❖ Other Drug is required when 'NON TB MED' is selected
    - ❖ Dosage is required for TB DISEASE Drugs
      - Error displays when the condition is TB DISEASE and the Drug that is selected is something other than 'NON TB MED'
    - ❖ Frequency is required for TB DISEASE Drugs
      - Error displays when the condition is TB DISEASE and the Drug that is selected is something other than 'NON TB MED'
    - ❖ Duration is required for TB DISEASE Drugs
      - Error displays when the condition is TB DISEASE and the Drug that is selected is something other than 'NON TB MED'
    - ❖ Start Date is required for TB DISEASE Drugs
      - Error displays when the condition is TB DISEASE and the Drug that is selected is something other than 'NON TB MED'
    - ❖ Number Doses Administered is required when End Date is entered for TB DISEASE Drugs
      - Error displays when End Date is entered and the condition is TB DISEASE and the Drug that is selected is something other than 'NON TB MED'

- **Status error messages (THIS SECTION IS ONLY AVAILABLE FOR TB DISEASE)**

## Treatment and Treatment Status

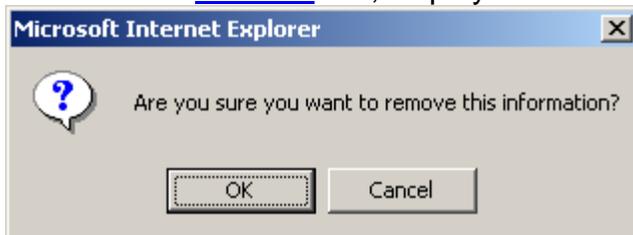
- Treatment Status is required
- Other Treatment Status is required when 'OTHER' is selected
- Status Date is required
- Status Date cannot be prior to the Person's Date of Birth
- Status Date cannot be a future date
- Reason is required when status is THERAPY EXTENDED, THERAPY STOPPED, or THERAPY RESTARTED
- Other Reason is required when "OTHER" is selected.
- The current combination of Treatment Status and Status Date is already in the list
- Information has been entered to add to a list, click Add to List or Clear the information
- Type of Therapy is required for all Treatment Status other than 'THERAPY RESTARTED' and 'NO THERAPY NEEDED'.
- The latest Treatment Status is DEATH.
- Treatment status date does not fall within any treatment timeframe. **(THIS ONE IS DONE AT SAVE NOT ADD TO LIST)**
  - Error displays when trying to
    - Enter a treatment status for a timeframe which is not included in any treatment record.
- **Treatment Adequate error messages (This section only available for STD conditions)**
  - Treatment Adequate must be 'INADEQUATE' when there are no treatments
  - Incidental Antibiotic Treatment is required.
  - Antibiotic Treatment is required (to add to list)
- **Anti Retroviral Therapy error messages (when condition is HIV, ADULT or HIV, PEDIATRIC)**
  - Last 12 months is required
  - Ever is required.

## 8. Buttons & Links

- Validation to display messages to the user will not be performed on Clear, Cancel or on Cancel
- When click a link that will bring up another page, display a popup with the pyramid image and a message such as of "Working, please wait..." as per standards.
- When click **Cancel** button, reload screen
- When click 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 the 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 before clicking the link.
    - Clear out entry fields in that section and
    - Clear out error messages in that section
    - Display the page of the grid that the new row is added to.
  - If fails validation
    - Display the error messages above the entry fields in that section
- When click the **Save** button check to see if anything has been entered but not added to a list.
  - If true display

## Treatment and Treatment Status

- “Information has been entered to add to a list, click Add to List or Clear the information” in the section(s) and do not save.
- If false and it passes all edits
  - Save to the database.
- When click an [Edit](#) link to edit a record
  - Clear out error messages in that section
  - Display information for that row in the entry fields
  - Hide its Add to List and Clear links
  - Show its Replace and Cancel links in the row
  - Hide the Edit and Remove links in that row
- When click [Replace](#) link to replace a record, do the same as when click [Add to List](#) link, but if it passes validation then show its [Add to List](#) and [Clear](#) links and hide its [Replace](#) link.
- When click [Cancel](#) link to cancel edit of a record, do the same as when click the [Clear](#) link. Then show its [Add to List](#) and [Clear](#) links and hide its [Replace](#) link.
- When click a [Remove](#) link, display the following popup.



- If the user clicks OK,
  - Remove the row from the grid display and if it was the only row, display “No items” as displayed in the screen shot above and
  - Clear out the entry fields in that section and
  - Clear out error messages in that section.
- If the user clicks Cancel
  - Do not remove the row from the grid display
  - Do not clear any entry fields or error messages.

## I. 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).
  1. When a Person/Organization is selected, close the Search popup.
    - I. Display the selected person or organization name and Date of Birth (if applicable).
    - II. 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.
  2. Closing the Search Person or Organization screen without a selection should keep the cursor on the Search link without changing anything on the screen.
  3. The Type dropdown will be filtered using the lookup table – List Name: PROVIDER\_ORG\_TYPE.
    - I. Submitter – Filter Value: **CONDITION TESTS SUBMITTER**
      - i. College/University – Student Health Facility
      - ii. Correctional Facility (State)
      - iii. Health Department
      - iv. Hospital

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- v. Laboratory
- vi. Private Provider
- 4. When a Person is selected, close the Search popup. Display the selected party.
  - o [Name Link](#) - This screen lists all the matched information in the databases. Click the [Name Link](#) link to select a record.

### 9. Validate the following:

- o The page displays as per web standards
- o **Display**
  - The Status Section only displays when the condition is TB DISEASE or TB INFECTION.
  - The column in the grid for Non TB Medications only displays when the condition is TB DISEASE.
- o **Display lists as follows**
  - TB Medications (Non TB (only visible for TB DISEASE), Drug, Dosage, Freq, Duration, Start Date, Route, Treatment Facility, Projected End Date, End Date, Doses Admin, Entry Date, Entered By)
  - Treatment Status (Treatment Status, Status Date, Type of Therapy, DOT Location, Weeks DOT, Entry Date, Entered By)
- o **Text Boxes** - (Other Drug, Other Route, Treatment Facility, Other Treatment Status)
  - 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
  - Ensure that at least two different 'OTHER' Drugs can be added to the list.
  - Ensure that at least two different 'NON TB MED' Drugs can be added to the list
  - On Add to List, calculate and display Projected End Date. It will also be saved in the database.

## I. Database routines – Screen Information

| Table:   | Field on Screen    | Database column    |                          |
|--|--------------------|--------------------|--------------------------|
| SURVWEB.SURVWEB_COND_TREATMENT   | NA – PRIMARY KEY   | ..._ID             | Generate the PRIMARY KEY |
| PK SURVWEB_COND_TREATMENT_ID   | NA – FOREIGN KEY   | ..._ID             | Set FOREIGN KEY          |
| FK1 SURVWEB_CONDITION_ID<br>DRUG_NAME<br>DRUG_OTHER<br>DOSAGE<br>DOSAGE_UNIT<br>FREQUENCY<br>DURATION<br>DURATION_UNIT<br>START_DATE<br>ROUTE<br>ROUTE_OTHER<br>TREATMENT_FACILITY<br>END_DATE<br>NUMBER_DOSES_ADMINISTERED<br>HISTORICAL<br>PREV_LOCATION_CITY<br>PREV_LOCATION_ST<br>PREV_TREATMENT<br>CLIENT_WEIGHT<br>CLIENT_WEIGHT_UNIT<br>ENTRY_USERID<br>ENTRY_DATETIME<br>LAST_CHANGED_USERID<br>LAST_CHANGED_DATETIME | Drug               | DRUG_NAME          |                          |
|  | Other Drug         | DRUG_OTHER         |                          |
|  | Dosage             | DOSAGE             |                          |
|  | Dosage unit        | DOSAGE_UNIT        |                          |
|  | Frequency          | FREQUENCY          |                          |
|  | Duration           | DURATION           |                          |
|  | Duration unit      | DURATION_UNIT      |                          |
|  | Start Date         | START_DATE         |                          |
|  | Route              | ROUTE              |                          |
|  | Other Route        | ROUTE_OTHER        |                          |
|  | Treatment Facility | TREATMENT_FACILITY |                          |

## Treatment and Treatment Status

|  |                                      |                           |                              |
|--|--------------------------------------|---------------------------|------------------------------|
|  | Projected End Date<br>(in grid only) | PROJECTED_END_DATE        |                              |
|  | End Date                             | END_DATE                  |                              |
|  | Number Doses Administered            | NUMBER_DOSES_ADMINISTERED |                              |
|  | NA                                   | ENTRY_DATETIME            | Set ENTRY_DATETIME = SYSDATE |
|  | NA                                   | ENTRY_USERID              | Set ENTRY_USERID = userid    |
|  | NA                                   | LAST_CHANGED_DATE<br>TIME | NULL                         |
|  | NA                                   | LAST_CHANGED_USER<br>ID   | NULL                         |

| Table:  | Field on Screen                       | Database column  |                              |                                  |     |  |                  |        |                          |
|---|---------------------------------------|--|------------------------------|----------------------------------|-----|--|------------------|--------|--------------------------|
| <table border="1"> <tr> <td colspan="2">SURVWEB.SURVWEB_COND_TREATMENT_STATUS</td> </tr> <tr> <td>PK</td> <td>SURVWEB_COND_TREATMENT_STATUS_ID</td> </tr> <tr> <td>FK1</td> <td>SURVWEB_CONDITION_ID<br/>TREATMENT_STATUS<br/>STATUS_DATE<br/>TYPE_OF_THERAPY<br/>DOT_LOCATION<br/>NUMBER_WEEKS_DOT<br/>ENTRY_USERID<br/>ENTRY_DATETIME<br/>LAST_CHANGED_USERID<br/>LAST_CHANGED_DATETIME</td> </tr> </table> | SURVWEB.SURVWEB_COND_TREATMENT_STATUS |  | PK                           | SURVWEB_COND_TREATMENT_STATUS_ID | FK1 | SURVWEB_CONDITION_ID<br>TREATMENT_STATUS<br>STATUS_DATE<br>TYPE_OF_THERAPY<br>DOT_LOCATION<br>NUMBER_WEEKS_DOT<br>ENTRY_USERID<br>ENTRY_DATETIME<br>LAST_CHANGED_USERID<br>LAST_CHANGED_DATETIME | NA – PRIMARY KEY | ..._ID | Generate the PRIMARY KEY |
|   | SURVWEB.SURVWEB_COND_TREATMENT_STATUS |  |                              |                                  |     |  |                  |        |                          |
|   | PK                                    | SURVWEB_COND_TREATMENT_STATUS_ID   |                              |                                  |     |  |                  |        |                          |
|   | FK1                                   | SURVWEB_CONDITION_ID<br>TREATMENT_STATUS<br>STATUS_DATE<br>TYPE_OF_THERAPY<br>DOT_LOCATION<br>NUMBER_WEEKS_DOT<br>ENTRY_USERID<br>ENTRY_DATETIME<br>LAST_CHANGED_USERID<br>LAST_CHANGED_DATETIME |                              |                                  |     |  |                  |        |                          |
|   | NA – FOREIGN KEY                      | ..._ID   | Set FOREIGN KEY              |                                  |     |  |                  |        |                          |
|   | Treatment Status                      | TREATMENT_STATUS   |                              |                                  |     |  |                  |        |                          |
|   | Status Date                           | STATUS_DATE  |                              |                                  |     |  |                  |        |                          |
|   | Type of Therapy                       | TYPE_OF_THERAPY  |                              |                                  |     |  |                  |        |                          |
|   | If DOT, Location                      | DOT_LOCATION   |                              |                                  |     |  |                  |        |                          |
|   | If DOT, Number Weeks DOT              | NUMBER_WEEKS_DOT   |                              |                                  |     |  |                  |        |                          |
|   | NA                                    | ENTRY_DATETIME   | Set ENTRY_DATETIME = SYSDATE |                                  |     |  |                  |        |                          |
|   | NA                                    | ENTRY_USERID   | Set ENTRY_USERID = userid    |                                  |     |  |                  |        |                          |
| NA  | LAST_CHANGED_DATE<br>TIME             | NULL   |                              |                                  |     |  |                  |        |                          |
| NA  | LAST_CHANGED_USER<br>ID               | NULL   |                              |                                  |     |  |                  |        |                          |

## II. 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.SURVWEB\_COND\_NOTE with a note type of TREATMENT.

| Table:   | Field on Screen  | Database column                             |    |                      |     |  |    |                      |                                 |
|--|--|---|----|----------------------|-----|--|----|----------------------|---------------------------------|
| <table border="1"> <tr> <td colspan="2">SURVWEB.SURVWEB_COND_NOTE</td> </tr> <tr> <td>PK</td> <td>SURVWEB_COND_NOTE_ID</td> </tr> <tr> <td>FK1</td> <td>SURVWEB_CONDITION_ID<br/>ENCOUNTER_ID<br/>CONTACT_ID<br/>NOTE_TYPE<br/>NOTE_TEXT<br/>ENTRY_DATETIME<br/>ENTRY_USERID</td> </tr> </table> | SURVWEB.SURVWEB_COND_NOTE  |   | PK | SURVWEB_COND_NOTE_ID | FK1 | SURVWEB_CONDITION_ID<br>ENCOUNTER_ID<br>CONTACT_ID<br>NOTE_TYPE<br>NOTE_TEXT<br>ENTRY_DATETIME<br>ENTRY_USERID | NA | SURVWEB_COND_NOTE_ID | Generate a SURVWEB_COND_NOTE_ID |
|  | SURVWEB.SURVWEB_COND_NOTE  |   |    |                      |     |  |    |                      |                                 |
| PK   | SURVWEB_COND_NOTE_ID   |   |    |                      |     |  |    |                      |                                 |
| FK1  | SURVWEB_CONDITION_ID<br>ENCOUNTER_ID<br>CONTACT_ID<br>NOTE_TYPE<br>NOTE_TEXT<br>ENTRY_DATETIME<br>ENTRY_USERID |   |    |                      |     |  |    |                      |                                 |
| NA   | SURVWEB_CONDITION_ID   | Set SURVWEB_CONDITION_ID = the CONDITION_ID |    |                      |     |  |    |                      |                                 |

## Treatment and Treatment Status

|  |  |                |   |
|--|--|----------------|---|
|  | Encounter Screen –<br>ENCOUNTER_ID<br>generated at SAVE          | ENCOUNTER_ID   | Set ENCOUNTER_ID to<br>ENCOUNTER_ID                                       |
|  | Condition Contact<br>Screen –<br>CONTACT_ID<br>generated at SAVE | CONTACT_ID     | Set NOTE_TEXT to<br>NOTE_TEXT   |
|  | NA   | NOTE_TYPE      | Set NOTE_TYPE =<br>TREATMENT (when<br>entered from the<br>TREATMENT node) |
|  | Narrative  | NOTE_TEXT      | Set NOTE_TEXT to<br>NOTE_TEXT   |
|  | NA   | ENTRY_DATETIME | Set ENTRY_DATETIME<br>= current date time                                 |
|  | NA   | ENTRY_USERID   | Set ENTRY_USERID =<br>userid  |