**TMT Location Details: caTissue >> Master List\_v2.0 >> Biospecimen >> 9568\_CONSENT\_Part\_Reponse\_Reset\_Discard\_Options**

**Purpose**:

**Test to ensure that individual withdrawal of consent response is carried over the hierarchy with the help of Reset button and the specimen collection group or specimen are discarded with Discard/Return Buttons.**

**Pre-requisites:**

Import dump located at /files/caTissue/test\_data\_dump on 10.39.196.222 and deploy application.

**Procedure:**

1. Login as Superadministrator, login ID [admin@admin.com](mailto:admin@admin.com) password: Test123.
2. Navigate to Biospecimen menu and Collection Protocol Based View and select “**Z9031**” from **Collection Protocol section.**
3. Select “Adams, Barbara” from the **Participant Protocol (ID)**.(Refer the expected output)
4. On the Edit Participant page >> Protocol Registration(s) >> Consent >> click on ***Edit Response link***. (Refer the expected output)
5. From following "**Participant Responses**" capture the appropriate consent as follows

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Consent Tier** | **Participant Responses** | **Verify Consent Status** |
| 3 | Consented to their tissue samples being kept for use in research to learn about, prevent, or treat other health problem (for example: diabetes, Alzheimer's disease or heart disease) | **Withdrawn** | **Withdrawn** |

1. Click on **Done** Button.(Refer the expected output)
2. Click on **Reset** Button.(Refer the expected output)
3. Click on **OK**.(Refer the expected output)
4. Click on **Register Participant** Button.
5. From the LHS >> Specimen Details >> select **T1.0: Pre-CRT** event point**.**
6. On the RHS of Edit Specimen Collection Group page click on **Consent** tab. (Refer the expected output)
7. Edit the “**Withdrawn**” response from the dropdown. (Refer the expected output)
8. Select the **CT\_AB\_10** from the same event point and from the **Specimen Details** page click on **Consent** tab.(Refer the expected output)
9. Edit the “**Withdrawn**” response from the dropdown. (Refer the expected output)
10. Navigate back to the LHS - **Specimen Details** section select the **T1.0: Pre-CRT** event point.
11. Click on the **Consent** tab and edit the following **Verify Consent Reponses** .(Refer the expected output)

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Consent Tier** | **Participant Responses** | **Verify Consent Responses** |
| 2 | Consented to their tissue samples being kept for use in research to learn about, prevent, or treat other health problem (for example: diabetes, Alzheimer's disease or heart disease). | No | **Withdrawn** |

1. Click on **Done** Button.
2. Click on **Discard** Button.
3. Click on **OK**.(Refer the expected output)
4. On the LHS - **Specimen Details** section select the **T1.0: Surgery** event point and specimen with the label **CT\_AB\_20**.
5. Click on the **Consent** tab and edit the following **Verify Consent Reponses** .(Refer the expected output)

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Consent Tier** | **Participant Responses** | **Verify Consent Responses** |
| 3 | Consented to being contacted in the future to ask if he/she would like to take part in more research | No | Withdrawn |

1. Click on **Done** Button.
2. Click on **Return** Button.
3. Click on **OK**.(Refer the expected output)

**Expected Output:**

3) **Edit Participant** page is displayed on the RHS and LHS **Specimen Details** section should auto populate the 2 event points as

* T1.0 :Pre-CRT
* T1.0 :Surgery

6) **Withdraw Consent Tier** pop up should be displayed with following details

* **Specimen Details**
* **What do you want to do with the withdrawn specimens?**
* To Discard the specimen and all sub-specimens, click 'Discard'
* To return the specimen to the Collection Site, click 'Return'
* To take no action on the specimens, click 'Reset'

7) “Are you sure you do not want to perform any action on the specimen? “ Pop up should be displayed with OK and Cancel buttons.

**Note: Reset** option sets the response as it is across the hierarchy. Hence resetting a response will navigate that/those specific response/responses across the specimen collection group/specimen

10) RHS should display the **Edit Specimen Collection Group** page.

11) Following should be the consent response post **Reset** Operation at Specimen Collection Group level

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Consent Tier** | **Participant Responses** | **Verify Consent Responses** |
| 1 | Consented to their tissue samples being kept and used in research to learn about, prevent, or treat cancer | **Withdrawn** | **Withdrawn** |

12) Withdrawn should be single value in the dropdown and it should be non-editable.

13) Following should be the consent response post **Reset** Operation at the Specimen Level

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Consent Tier** | **Participant Responses** | **Verify Consent Responses** |
| 1 | Consented to their tissue samples being kept and used in research to learn about, prevent, or treat cancer | **Withdrawn** | **Withdrawn** |

14) Withdrawn should be single value in the dropdown and it should be non-editable.

19) The RHS should get refreshed with the following message

“ Specimen Collection Group successfully updated.”

* **“ This is user workspace**”

**Note: “Discard”** should actually discard/dispose off the parent specimen/child specimen /specimen collection group where ever used. This discarding should depend on where the option is used if on Specimen Collection Group all the parent and child specimen should be discarded. And if used at the parent specimen with child den parent as well as the child should get discarded.

20. The RHS should display the **Specimen Details** Page.

21. **Withdraw Consent Tier** pop up with respective **Specimen Details** is displayed

With the following question:

What do you want to do with the withdrawn specimens?

* To Discard the specimen and all sub-specimens, click 'Discard'
* To return the specimen to the Collection Site, click 'Return'
* To take no action on the specimens, click 'Reset'

22. “Are you sure you do not want to perform any action on the specimen? “ Pop up should be displayed with OK and Cancel buttons.

24. Blank page should be displayed on the RHS and from the LHS selected Collection Protocol and Participant should be blanked out.

Note:”**Return**” should actually discard/dispose off the parent specimen/child specimen /specimen collection group where ever used. This discarding should depend on where the option is used if on Specimen Collection Group all the parent and child specimen should be discarded. And if used at the parent specimen with child den parent as well as the child should get discarded.

**Verification Logic:**

1. **Audit**

Following changes should be reflected in below tables:

1)In CATISSUE\_AUDIT\_EVENT table new record should be entered with IP address equal to the IP address of the machine from which the action was performed and Event\_Timepstamp equal to the date on which the action was performed. Event\_Type should contain UPDATE.

2)In CATISSUE\_DATA\_AUDIT\_EVENT\_LOG table Object\_Name should contain CATISSUE\_PARTICIPANT, CATISSUE\_RACE, CATISSUE\_COLL\_PROT\_REG and CATISSUE\_PART\_MEDICAL\_ID. Object\_ID is the unique ID of the object inserted. Parent\_ID will be null for the main object. Containment or reference type objects getting added will have a parent\_id equal to the ID of the main Object being inserted. This table refers to CATISSUE\_AUDIT\_EVENT\_LOG table which relates to the CATISSUE\_AUDIT\_EVENT table.

3)In CATISSUE\_AUDIT\_EVENT\_DETAILS table Element\_name contains the list of attributes that are in CATISSUE\_PARTICIPANT, CATISSUE\_COLL\_PROT\_REG CATISSUE\_RACE and CATISSUE\_PART\_MEDICAL\_ID tables. Previous\_value will be values before update and Current\_value will be the value updated through UI. CATISSUE\_SITE and CATISSUE\_COLL\_PROT\_REG will have their ID's audited only as they have reference association with the main object. ID of CATISSUE\_PART\_MEDICAL\_ID and CATISSUE\_RACE will also be audited along with their attributes as it is a containment type attribute.

One more row gets added for the containment and reference association i.e., edu.wustl.catissuecore.domain.<attribute\_name>\_PREV\_CURR\_IDS\_LIST. In this case following gets added:

edu.wustl.catissuecore.domain.Site\_PREV\_CURR\_IDS\_LIST

edu.wustl.catissuecore.domain.ParticipantMedicalIdentifier\_PREV\_CURR\_IDS\_LIST

edu.wustl.catissuecore.domain.CollectionProtocolRegistration\_PREV\_CURR\_IDS\_LIST

edu.wustl.catissuecore.domain.Race\_PREV\_CURR\_IDS\_LIST

1. **Advance Query –**

**Execute each of the individual queries and verify that the same consents are reflected in the advance query also .**

**i) Participant level consent query**

**Participant 🡪ConsentTier Response**

**|**

**|--------🡪 ConsentTier Status**

**Query Conditions :**

|  |  |  |
| --- | --- | --- |
| **Object** | **Operator** | **Value** |
| Participant | First Name | Barbara |
|  | Last Name | Adams |
| ConsentTier | Id | Not Null |
| ConsentTier Response | ID | Not Null |

**ii) Specimen Collection Group level consent query**

**Specimen Collection Group 🡪ConsentTier**

**|**

**|------------------🡪 ConsentTier Status**

**Query Conditions:**

|  |  |  |
| --- | --- | --- |
| **Object** | **Operator** | **Value** |
| Specimen Collection Group | Name | **Pre-CRT** |
| ConsentTier | Id | Not Null |
| ConsentTier Status | Id | Not Null |

**iii) Specimen level consent query**

**Specimen 🡪ConsentTier**

**|**

**|-----🡪 ConsentTier Status**

|  |  |  |
| --- | --- | --- |
| **Object** | **Operator** | **Value** |
| Specimen | Name | **CT\_AB\_20** |
| ConsentTier | Id | Not Null |
| ConsentTier Status | Id | Not Null |