**Purpose: To add a collection protocol with SPP as a super administrator**

**Prerequisites:**

Upload the XML uploaded at <https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/>

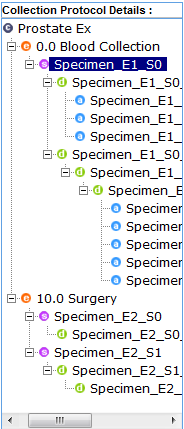
* ActivatedBloodCollection
* AnticoagulatedBloodProcessing1
* BuffyCoatProcessing
* FixedTissueProcessing
* FrozenTissueProcessing
* PlasmaProcessing
* ProstatectomyProcedure

**Procedure:**

1. Login as ***super administrator***([admin@admin.com](mailto:admin@admin.com), Login123)
2. Navigate to Administrative Data🡪Collection Protocol🡪Add page.
3. Select user ***Administrator***, ***caTissue*** as Principal Investigator.
4. Enter title as ***Prostate and Exercise***, short title as ***Prostate Ex***.
5. Click on Add events. Enter event details as shown in following table:

|  |  |
| --- | --- |
|  | **First Event** |
| Study Calendar Event Point | 0.0 |
| Collection Point Label | Blood Collection |
| Clinical Diagnosis | Not Specified |
| Clinical Status | Pre-Operative |
| SPP | ActivatedBloodCollection |

1. Click on Add Specimen requirements. Refer the Expected Output.
2. For the first event , enter following details on Specimen Requirements page as in table:



D1

Parent Specimen P1

D1\_1

D1

Parent Specimen P1

Parent Specimen P1

D2\_2

D2\_11

D2

D1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **First Event** |  |  |  |  |
|  | **First Set of Requirements** |  |  |  |  |
|  | **Parent Specimen P1** | **Derivative D1** | **Derivative D2** | **Child derivative D2\_1** | **Child derivative D2\_2** |
| Class | Fluid | Fluid | Cell | Cell | Cell |
| Type | Whole Blood | Plasma | Not Specified | Not Specified | Cryopreserved cells |
| Tissue side | Not Specified | Not Specified | Not Specified | Not Specified | Not Specified |
| Tissue site | Blood | Blood | Blood | Blood | Blood |
| Pathological Status | Non Malignant | Non Malignant | Non Malignant | Non Malignant | Non Malignant |
| Storage Location | Auto | Virtual | Virtual | Virtual | Virtual |
| Initial Quantity | 10 | 3 | 3 | 1000000 | 50000 |
| Specimen Creation Event | Activated Blood Collection:3:PeripheralBloodDraw | Anti coagulated Blood Processing:1:SpunEv entParameters | Anti coagulated Blood Processing:1:SpunEv entParameters | Buffy coat Processing:1:FicollSeperation | Buffy coat Processing:2:CellCryopreservation |
| Processing SPP | Anti coagulated Blood Processing | Plasma Processing | Buffy coat Processing | Buffy coat Processing | Not Specified |
| Aliquot Count |  | 3 |  |  | 5 |
| Aliquot Quantity |  | 1 |  |  | 10000 |
| Aliquot Storage Location |  | Auto |  |  | Auto |
| Aliquot Creation Event |  | PlasmaProcessing:1:FrozenEventParameters |  |  | Not Specified |
| Aliquot Processing SPP |  | Not Specified |  |  | Not Specified |

1. Click on Save Specimen requirements. Refer the expected Output.
2. Click on Add events. Enter event details as shown in following table. From the specimen processing procedure list-box select SPP as Blood Collection.

|  |  |
| --- | --- |
|  | **Second Event** |
| Study Calendar Event Point | 10.0 |
| Collection Point Label | Surgery |
| Clinical Diagnosis | Not Specified |
| Clinical Status | Operative |
| SPP | ProstatectomyProcedure |

1. Click on Add Specimen Requirements, for the second event, enter following details on Specimen Requirements page as in table. Refer the table below for the Specimen requirement details.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Second Event** |  |  |  |  |
|  | **First Set of Requirements** |  | **Second Set of Requirements** |  |  |
|  | **Parent Specimen P1** | **First Derivative D1** | **Parent Specimen P1** | **First Derivative D1** | **Child Derivative D1\_1** |
| Class | Tissue | Tissue | Tissue | Tissue | Tissue |
| Type | Fresh Tissue | Frozen Tissue | Fresh Tissue | Fixed Tissue | Fixed Tissue Block |
| Tissue side | Not Specified | Not Specified | Not Specified | Not Specified | Not Specified |
| Tissue site | Prostate gland | Prostate gland | Prostate gland | Prostate gland | Prostate gland |
| Pathological Status | Not Specified | Not Specified | Not Specified | Not Specified | Not Specified |
| Storage Location | Virtual | Auto | Virtual | Virtual | Auto |
| Initial Quantity | 5 | 0 | 5 | 1 | 1 |
| Concentration | 0 | 0 | 0 | 0 | 0 |
| Specimen Creation Event | ProstatectomyProcedure:3:  GrossEvaluation | Frozen tissue processing  :1:TissueFreeze | ProstatectomyProcedure:3:  GrossEvaluation | Fixed tissue processing:1:FixedEvent  Parameters | Fixed tissue processing:1:Embedded  EventParameters |
| Processing SPP | Frozen tissue processing | Not Specified | Fixed tissue processing | Fixed tissue processing |  |
| Aliquot Count |  |  |  |  |  |
| Aliquot Quantity |  |  |  |  |  |
| Aliquot storage location |  |  |  |  |  |
| Aliquot Creation Event |  |  |  |  |  |
| Aliquot Processing SPP |  |  |  |  |  |

1. Click on Save Specimen Requirements. Refer the expected Output.
2. Click on Save Collection Protocol.

**Expected Output:**

12 On click of Add Specimen requirements, the added events should be displayed in the CP details tree on L.H.S.

14 On Submit of Specimen requirements, the added specimen requirements should be displayed in the CP details tree on L.H.S.

16 A message should be displayed as “Collection Protocol successfully created”

**Verification Logic:**

1. Navigate to Collection Protocol--🡪Edit page. Search for the created collection protocol with short title ***Prostate Ex***.
2. Once the collection protocol opens in edit mode.

* Verify the CP details for the protocol.
* Verify label format at CP details page such as Parent, Aliquot and Derivative specimen label format.
* Verify details such as study calendar event point, clinical diagnosis, and clinical status are saved correctly. (The details should be as per the event details table)
* Verify all the specimen requirement details such as Specimen Class, Specimen type, Pathological Status are saved correctly. (The details should be as per the specimen requirements table)

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 INSERT.
2. In CATISSUE\_DATA\_AUDIT\_EVENT\_LOG table Object Name should contain CATISSUE\_COLLECTION\_PROTOCOL, catissue\_<specimen type>\_req\_specimen, CATISSUE\_COLL\_PROT\_EVENT and CATISSUE\_CONSENT\_TIER.
3. Object\_ID is the unique ID of the object inserted. Parent\_ID will be null for the main object (Collection protocol). Containment or reference type objects getting added will have a parent\_id equal to the ID of the main Object (CP) being inserted. This table refers to CATISSUE\_AUDIT\_EVENT\_LOG table which relates to the CATISSUE\_AUDIT\_EVENT table.
4. In CATISSUE\_AUDIT\_EVENT\_DETAILS table Element name contains the list of attributes that are in CATISSUE\_COLLECTION\_PROTOCOL, catissue\_<specimen\_type>\_req\_specimen, CATISSUE\_COLL\_PROT\_EVENT and CATISSUE\_CONSENT\_TIER tables. Specimen LABEL FORMAT, aliquot LABEL FORMAT and derivative LABEL FORMAT should be inserted.
5. CATISSUE\_USER will have their ID audited only as they have reference association with the main object. ID of CATISSUE\_Coll\_PROT\_EVENT and catissue\_<specimen\_type>\_req\_specimen will also be audited along with their attributes as it is a containment type attribute.