**Purpose:** To add a collection protocol with multiple SPP defined at SCG level and multiple parent specimens under it

**Prerequisites:**

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

* PreOopherectomyEvents
* OopherectomyEvents
* OvaryProcessing
* CellPelletsCreation

**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***, ***Administrator*** as Principal Investigator.
4. Enter title as ***MultipleSPPwithMultipleSpecimen***, short title as ***MSPP***.
5. Click on Add events. Enter event details as shown in following table:

|  |  |
| --- | --- |
|  | **First Event** |
| Study Calendar Event Point | 0.0 |
| Collection Point Label | Day1 |
| Clinical Diagnosis | Not Specified |
| Clinical Status | Not Specified |
| SPP | PreOopherectomyEvents, OopherectomyEvents, OvaryProcessing |

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:

|  |  |
| --- | --- |
|  | **First Event** |
|  | **First Set of Requirements** |
|  | **Parent Specimen P1** |
| Class | Tissue |
| Type | Fixed tissue slide |
| Tissue side | Not Specified |
| Tissue site | Not Specified |
| Pathological Status | Malignant |
| Storage Location | Auto |
| Initial Quantity | 5 |
| Specimen Creation Event | Oopherectomy:3:ArterialLigationAndOopherectomy |
| Processing SPP | Cell pellet creation |

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

|  |  |
| --- | --- |
|  | **First Event** |
|  | **Second Set of Requirements** |
|  | **Parent Specimen P2** |
| Class | Tissue |
| Type | Fixed tissue slide |
| Tissue side | Not Specified |
| Tissue site | Not Specified |
| Pathological Status | Malignant |
| Storage Location | Auto |
| Initial Quantity | 5 |
| Specimen Creation Event | Ovary processing:2:Snapfreeze |
| Processing SPP | Cell pellet creation |

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

**Expected Output:**

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

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

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

13. 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 ***MSPP***
2. Once the collection protocol opens in edit mode.

* Verify the CP details for the protocol.
* 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.