**Purpose:**

To add a collection protocol with combination of adhoc event and specific time point events

**Procedure:**

1. Login into application as super administrator

2. Navigate to Administrative Data-🡪Collection Protocol-🡪Add page

3. Select user ***admin,admin*** as Principal Investigator

4. Select user ***Sci***, ***Sci***as Protocol Coordinator

5. Enter title as ***Lung cancer study***, short title as ***LCS***

6. Click on Add events. Enter event details as shown in following table:

|  |  |
| --- | --- |
|  | **First Event** |
| Study Calendar Event Point | 1.0 |
| Collection Point Label | Initial Diagnosis |
| Clinical Diagnosis | Not Specified |
| Clinical Status | Not Specified |
| SPP |  |

7. Click on Add Specimen requirements. Refer the Expected Output

8. Enter following details on Specimen Requirements page as in table

|  |  |  |
| --- | --- | --- |
|  | **First Set of Requirements** |  |
| **Attributes** | **Parent Specimen** | **Derivative** |
| Class | Tissue | Tissue |
| Type | Fresh Tissue | Frozen Tissue |
| Tissue side | Not Specified | Not Specified |
| Tissue site | Skin, NOS | Not Specified |
| Pathological Status | Non Malignant | Not Specified |
| Storage Location | Virtual |  |
| Initial Quantity | 10 | 1 |
| Concentration | 0 | 0 |

9. Click on Save Specimen requirements. Refer the expected Output.

10. Click on Add events. Enter event details as shown in following table

|  |  |
| --- | --- |
|  | **Second Event** |
| Study Calendar Event Point | 5.0 |
| Collection Point Label | Post Diagnosis-I |
| Clinical Diagnosis | Not Specified |
| Clinical Status | Not Specified |
| SPP |  |

11. 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 Set of Requirements** |  |
| **Attributes** | **Parent Specimen** | **First Derivative** |
| Class | Tissue | Cell |
| Type | Not Specified | Slide |
| Tissue side | Not Specified | Not Specified |
| Tissue site | Bone Marrow | Not Specified |
| Pathological Status | Malignant | Not Specified |
| Storage Location | Auto | Auto |
| Initial Quantity | 100 | 10 |
| Concentration | 0 | 0 |

12. Click on Add events. Enter event details as shown in following table

|  |  |
| --- | --- |
|  | **Third Event** |
| Study Calendar Event Point |  |
| Collection Point Label | Post Diagnosis-II |
| Clinical Diagnosis | New Diagnosis |
| Clinical Status | Sub acute myeloid leukemia |
| SPP |  |

13. 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.

|  |  |  |
| --- | --- | --- |
|  | **Third Set of Requirements** |  |
| **Attributes** | **Parent Specimen** | **First Derivative** |
| Class | Fluid | Fluid |
| Type | Whole Bone Marrow | Buffy coat |
| Tissue side | Not Specified | Not Specified |
| Tissue site | Bone Marrow | Not Specified |
| Pathological Status | Malignant | Not Specified |
| Storage Location | Auto | Auto |
| Initial Quantity | 100 | 10 |
| Concentration | 0 | 0 |

14. Click on Save Collection Protocol.

**Expected output:**

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

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

10. 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 LCS.
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)