**Purpose:**

Test to check events display when multiple children are defined and when creation event is set for the initial child but not set for the rest of them

**Prerequisites:**

Create Events via import XMI:

1. Copy below files into ‘XMI’ folder in installable directory uploaded at https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/

SPP\_Container1.csv

Event1.xmi

SPPExample\_PVs1.csv

1. Run below command from installable

ant import\_xmi -Dfilename="/usr/local/catissue/I16W2/XMI/Event1.xmi" -DmainContainerList="/usr/local/catissue/I16W2/XMI/SPP\_Container1.csv"-Dpackage=”spp” -Dpv.file.name=”/usr/local/catissue/I16W2/XMI/SPPExample\_PVs1”-Dhookentity=”edu.wustl.catissuecore.domain.processingprocedure.SpecimenProcessingProcedure”

1. Restart the server

Create SPP:

Upload the XML uploaded at <https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/> by loading them using Administrative Data->SpecimenProcessingProcedure->Add

* Cell Processing SPP

**Procedure:**

1. Login as ***super administrator*** into application
2. Navigate to Administrative Data🡪Collection Protocol🡪Add page
3. Enter the required collection protocol details
4. Click on Add events. Enter event details as shown in following table:

|  |  |
| --- | --- |
|  | **Event** |
| Study Calendar Event Point | 0.0 |
| Collection Point Label | Initial Diagnosis |
| Clinical Diagnosis | New Diagnosis |
| Clinical Status | Sub acute myeloid leukemia |
| SPP | Tissue collection |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **First Event** |  |  |  |
|  | **First Set of Requirements** |  |  |  |
|  | **Parent Specimen P1** | **Derivative D1** | **Derivative D1\_1** | **Derivative D1\_2** |
| Class | Tissue | Tissue | Tissue | Tissue |
| Type | Frozen Tissue | Frozen Tissue | Frozen Tissue | Frozen Tissue |
| Tissue side | Not Specified | Not Specified | Not Specified | Not Specified |
| Tissue site | Skin, NOS | Not Specified | Not Specified | Not Specified |
| Pathological Status | Non Malignant | Non Malignant | Malignant | Non Malignant |
| Storage Location | Virtual | Auto | Auto | Auto |
| Initial Quantity | 0 | 0 | 0 | 0 |
| Concentration | 0 | 0 | 0 | 0 |
| Specimen Creation Event | Collection | Re suspension |  |  |
| Processing SPP | Cell Pellet Creation | Frozen Cell Pellet Processing | Frozen Cell Pellet Processing | Tissue collection |
| Aliquot Count |  |  |  |  |

1. Click on Save Specimen requirements. Refer the expected Output.
2. Click on Save Collection Protocol.
3. Navigate to Biospecimen Data 🡪 Collection protocol based view 🡪Specimen🡪Edit
4. Select the parent specimen under the SCG
5. Go to its Events tab
6. Observe the display of the events (Refer the table under expected output )
7. Now, select the derivative D1 of parent specimen under the SCG
8. Repeat steps 11-12 (Refer the table under expected output )
9. Select the derivatives D1\_1 and D1\_2 of D1 derivatives distinctly
10. Repeat steps 11-12 (Refer the table under expected output)

**Expected Output:**

Refer the below table for the display of the events

SCG:

|  |  |  |  |
| --- | --- | --- | --- |
| **Parent Specimen** | **First derivative** | **First derivative** | **First derivative** |
| Frozen Tissue (Tissue) | Frozen Tissue(Tissue) | Frozen Tissue(Tissue) | Frozen Tissue(Tissue) |
| **Creation event** | **Creation event** | **Creation event** | **Creation event** |
| Collection | Re suspension |  |  |
| **Processing SPP** | **Processing SPP** | **Processing SPP** | **Processing SPP** |
| Cell Pellet Creation | Frozen Cell Pellet Processing | Frozen Cell Pellet Processing | Tissue collection |
| **Events** | **Events** | **Events** | **Events** |
| Collection | Collection | Spun | Collection |
| Spun | Spun | RemoveSupernatant |  |
| IsolateBuffyCoat | IsolateBuffyCoat | SnapFreeze |  |
| LyseRBC | LyseRBC | FrozenEventParameters |  |
| Incubation | Incubation |  |  |
| Resuspension | Resuspension |  |  |
| Aliquot | Spun |  |  |
|  | RemoveSupernatant |  |  |
|  | SnapFreeze |  |  |
|  | FrozenEventParameters |  |  |

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