User Manual

OpenSpecimen

Release History

Recent Releases

Certified Browsers

OpenSpecimen Supported Browsers

Logging In

Link to OpenSpecimen
Sign up for an OpenSpecimen Account
OpenSpecimen Roles & Privileges
Password Reset / Forgot Password

Logging Specimen

Logging a Specimen through Rapid Data Entry
Participant Registration
Participant Matching

Set up Collection Protocol

Create a Collection Protocol

Bulk Upload of Data

Bulk Upload of data

Orders and Distribution

Order and Distribution

Shipping and Receiving

Shipping and Receiving
OpenSpecimen Overview

OpenSpecimen (previously known as caTissue) is a biospecimen management application which facilitates users to track the collection, storage, quality assurance, and distribution of biospecimens as well as the creation of derivatives and aliquots from the existing ones. Furthermore, it allows users to find and request biospecimens that may then be used in molecular or correlative research studies. The following unique characteristics of the OpenSpecimen make it a perfect choice for the Biobanking workflow management and operations at Washington University School of Medicine, Siteman Cancer Center and other associated Biobanks.

- CBMI has a total of nine years of extensive development experience in designing and building this state of the art Open source system in partnership with National Cancer Institute (NCI).
- OpenSpecimen is used at more than 75% of the Biobanks in US and internationally.
- Role based access to support the different levels of data access for Scientists, Lab Technicians, Supervisor and Administrators
- Can be used to track biospecimen across multiple repositories.
- Seamless Integration through Single Sign On (SSO) with ClinPortal to support Integrated Clinical Research Studies where clinical data is collected and managed in ClinPortal and Biospecimen data is collected and managed in OpenSpecimen.
- Bulk data Upload for biospecimen data collected using legacy systems or spreadsheets
- Flexible and Form based advanced query support through a user friendly Graphical User Interface (GUI) allows users to retrieve complex data relationship such as Parent and Child specimens hierarchy.
- User can define and track any number of specimen life cycle events in addition to the standard events that comes as default at the collection protocol level.
- Biobanks can predefine and preload the configuration of storage containers which makes the Biobank’s day to today operation quick and easy.
- Supports Specimen Request Order, Shipping and Tracking workflows.