

Student Syllabus

Laboratory Module

EIDSS | Electronic Integrated Disease
Surveillance System

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Module Overview

This module presents EIDSS functions related to completing laboratory tasks pertaining to samples and tests. To ensure pertinent information is shared across all sites, EIDSS records demographic information, geographical locations, laboratory analyses, sample tracking, epidemiological analyses, clinical information (including disease-specific clinical signs), and response measures.

This module consists of six lessons and their associated tasks:

- Samples
- Tests
- Transfers
- Batches
- Freezers
- Approvals

Agenda

	Time
Module Overview Agenda	00:30
Lesson: Samples Navigate the SAMPLES Tab Accession a Sample Create an Aliquot or Derivative Assign a Test Enter a Sample Search for a Sample Edit a Sample Add a Sample to MY FAVORITES Tab Destroy a Sample Delete a Sample Record Restore a Deleted Sample Print Barcodes	01:30
Lesson: Tests Navigate the TESTING Tab Enter a Test Result Assign a Test Edit a Test Amend a Test Result Delete a Test Record	02:30
Lesson: Transfers Navigate the TRANSFERRED Tab Transfer a Sample Edit a Transfer Exercise	02:30
Lesson: Batches Navigate the BATCHING Tab Create a Batch Edit a Batch	02:30
Lesson: Approvals Navigate the APPROVAL Tab Approve an Action	02:30
Lesson: Freezers Configure a Freezer Schema Search for a Freezer Edit a Freezer Schema Delete a Freezer Schema	02:30
Module Summary	00:30



Samples

Overview

Within the SAMPLES tab, samples can be accessioned in, which enables them to be divided, assigned a test, removed, and more.

The following tasks are included in this lesson:

- Navigate the SAMPLES Tab
- Accession a Sample
- Create an Aliquot or Derivative
- Assign a Test
- Enter a Sample
- Search for a Sample
- Edit a Sample
- Add a Sample to MY FAVORITES Tab
- Destroy a Sample
- Delete a Sample Record
- Restore a Deleted Sample
- Print Barcodes



Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.



Tests

Overview

Within the TESTING tab, additional tests can be assigned, test results can be entered or edited, and more.

The following tasks are included in this lesson:

- Navigate the TESTING Tab
- Enter a Test Result
- Assign a Test
- Edit a Test
- Amend a Test Result
- Delete a Test Record



Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.



Transfers

Overview

Samples transferred within the SAMPLES tab are moved to the TRANSFERRED tab where those transfers can then be edited.

The following tasks are included in this lesson:

- Navigate the TRANSFERRED Tab
- Transfer a Sample
- Edit a Transfer



Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.



Exercise

Use the scenario provided by your instructor to complete the tasks in this lesson.

Note: There will be EIDSS fields for which information was not provided in the scenario. You can leave these blank or add fictional, but realistic, data based on your epidemiological experience.



Batches

Overview

Multiple samples can be grouped in one batch within the TESTING tab and given a group result within the BATCHING tab.

The following tasks are included in this lesson:

- Navigate the BATCHING Tab
- Create a Batch
- Edit a Batch



Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.



Approvals

Overview

Some actions relating to samples and tests, such as destroying or deleting a sample, require higher level permissions. These requests can be approved or rejected from the APPROVAL tab.

The following tasks are included in this lesson:

- Navigate the APPROVAL Tab
- Approve an Action



Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.



Freezers

Overview

The physical freezers where samples are stored are represented in EIDSS through schemata that can be configured, edited, and deleted.

The following tasks are included in this lesson:

- Configure a Freezer
- Search for a Freezer
- Edit a Freezer
- Delete a Freezer



Demonstration

Your instructor will demonstrate each task. After each task demo, complete the task using the data set provided by your instructor. Continue in this manner until all tasks are completed.



Module Summary

This module focused on EIDSS functions related to completing laboratory tasks pertaining to samples and tests. These lessons were presented along with their associated tasks. Students practiced these tasks after instructor demonstrations and then applied the knowledge they learned in exercises.