



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **Intermediate Laboratory Package**

## **Announcement and Agenda**

April 21-23, 2015

Office of Information Technology  
Division of Information Technology

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## 1.0 Purpose of Training

This intermediate laboratory course is designed for persons assigned the responsibility for using and maintaining the Laboratory Package at their site. Participants will continue to build on laboratory file structure and maintenance.

The intermediate class will help sites configuring their database and manage Laboratory Information System (LIS) workflow at their facility by providing ongoing support of the laboratory package.

The training consists of lecture with PowerPoint presentations, demonstration of the tool, and hands-on exercises using individual computer terminals and a simulated training database.

## 2.0 Prerequisites

Participants have to be proficient with basic Resource and Patient Management System (RPMS) Laboratory functions, including:

- Have attended a prior RPMS Introduction to Lab Package training.
- Be proficient with RPMS Lab accessioning, result entry, and result review menu options, in addition to being able to work in RPMS VA FileMan - Day One Lab Files.
- Routinely build and maintain test files in VA FileMan File 60.
- Maintain the Reference Laboratory package – test builds, test mapping and maintenance.
- Familiarity with the Indian Health Service (IHS) Electronic Health Record (EHR) Laboratory Order process.

### 3.0 Intended Audience

The Intermediate Laboratory Package class is oriented towards (but *not* limited to) Laboratory professionals (e.g., Medical Laboratory Technicians and Medical Laboratory Technologists) who process Laboratory Tests at their facilities and have responsibility for maintenance and integration into the EHR. This course assumes that participants do have knowledge of the RPMS Laboratory Suite (RPMS-LAB) and both EHR and RPMS.

This training has been prepared specifically for:

- RPMS Laboratory Package owners.
- Area Laboratory Consultants.
- Area and Site Clinical Application Coordinators supporting RPMS-LIS.
- Users from related services:
  - Pharmacy.
  - Nursing.
  - Laboratory.
  - Radiology.

## 4.0 Learning Objectives

At the end of this training, participants should be able to:

- Review RPMS Lab Files and RPMS Lab input/output functionality.
- Review Unified Code for Units of Measure (UCUM) and Logical Observation Identifiers Names and Codes (LOINC).
- Develop MUMPS code for Reference Values.
- Enter/edit Laboratory Descriptions/Canned Comments.
- Review Current Procedural Terminology (CPT) and BLR INQ options.
- Configure Atomic tests and Cosmic test panels.
- Test Atomic and Cosmic builds.
- Review the BLR Master Control File.
- Review Laboratory Reports.
- Configure Cumulative Reports and Maintenance.
- Review and complete lab EHR actions for Quick Orders, Order sets, Order Menus, and Generic Orders.
- Review POC test builds and addition to EHR POC tab.
- Review the MICROBIOLOGY module and complete MICROBIOLOGY module exercises.
- Review Compliance standards for LIS.
- Review Supervisory QA report options.
- Review and set up QC files for RPMS Lab.
- Review LIS – interlaboratory interface configurations within RPMS
- Review Reference Lab file Configurations and test builds/mapping.
- Populate test taxonomies required for proper data collection in Diabetes Management System, and Government Performance and Results Act (GPRA) reporting.
- Recognize the importance of Clinical Laboratory Improvement Amendments, Joint Commission, and other regulations as they relate to laboratory policies and procedures.
- Demonstrate a basic understanding of the interrelationship of RPMS with Third-Party Billing and the Patient Care Component, and be able to maintain the BLR link.

## 5.0 Detailed Agenda

### 5.1 Tuesday – Day 1

Start	Topic
8:30 a.m.	<b>Welcome and Introductions:</b> <ul style="list-style-type: none"> <li>Review agenda and learning objectives.</li> </ul>
9 a.m.	<b>RPMS Laboratory Package Review</b>
9:30 a.m.	<b>UCUM and LOINC:</b> <ul style="list-style-type: none"> <li>Importance of UCUM and report options</li> <li>Importance of LOINC and IHS utilization</li> <li>CRS (GPRA), DM, CCDA, CQM</li> </ul>
10:30 a.m.	<b>Break</b>
10:45 a.m.	<b>MUMPS introduction</b> <b>Laboratory Descriptions</b>
11:30	<b>CPT and BLR INQ review</b>
12:00	<b>Lunch</b>
1:00 p.m.	<b>Test building – Atomic and Cosmic:</b> <ul style="list-style-type: none"> <li>Atomic single tests (use MUMPS for reference ranges)</li> <li>Cosmic panel (using atomic single tests)</li> <li>Point of Care test</li> <li>IHS LAB CPT CODE</li> </ul>
2:00 p.m.	<b>Testing test builds:</b> <ul style="list-style-type: none"> <li>Accession</li> <li>Result (use Lab Descriptions)</li> <li>BLR INQ</li> <li>Interim Report</li> </ul>
3:00 p.m.	<b>Break</b>
3:00 p.m.	<b>BLR Master Control File</b>
3:30 p.m.	<b>Laboratory Reports:</b> Interim Reports – Address Cumulative Report review Re-cross indexes
4:00 p.m.	<b>Building and testing Cumulative</b>
5:00 p.m.	<b>Adjourn.</b>

## 5.2 Wednesday – Day 2

<b>Start</b>	<b>Topic</b>
8:30	<b>Review Previous Day's Training</b>
9:00 a.m.	<b>EHR/RPMS review for Quick Order, Order Set, Order Menu:</b> <ul style="list-style-type: none"> <li>• Complete QO builds for Day 1 test builds</li> <li>• Complete Order Set</li> <li>• Complete EHR menu configuration for Lab QO</li> <li>• Complete EHR Generic Order templates (EHR/RPMS)</li> </ul>
10:30 a.m.	<b>Break</b>
10:45 a.m.	<b>Point of Care review:</b> <ul style="list-style-type: none"> <li>• POC test addition to EHR</li> <li>• Test POC (EHR, Visit Detail, LABs Tab)</li> </ul>
12:00 p.m.	<b>Lunch</b>
1:00 p.m.	<b>Microbiology Package Review:</b> <ul style="list-style-type: none"> <li>• Lab Liaison Adding Antimicrobial</li> <li>• VA FileMan – Antimicrobial; Etiology</li> <li>• LR Data Antimicrobial template</li> <li>• Lab Description, report</li> <li>• Add on antimicrobial Panels and CPT coding</li> </ul>
3:00 p.m.	<b>Break</b>
3:15 p.m.	<b>Microbiology testing</b>
4:00 p.m.	<b>COMPLIANCE for Laboratory LIS</b>
4:30 p.m.	<b>SUPERVISORY QA report options</b>
5:00 p.m.	<b>Adjourn.</b>

### 5.3 Thursday – Day 3

<b>Start</b>	<b>Topic</b>
8:30	<b>Review Previous Day's Training:</b> Questions.
9:00 a.m.	<b>Quality Control Module:</b> <ul style="list-style-type: none"> <li>• Review</li> <li>• Setting up QC files; Mimic Specimens</li> <li>• QC reports</li> </ul>
10:30 a.m.	<b>Break</b>
10:45 a.m.	<b>Interface Configurations:</b> <ul style="list-style-type: none"> <li>• RPMS VA FM files: Universal Interface; Files 770 &amp; 771; Device</li> <li>• Load/Work list</li> <li>• Auto Instrument</li> <li>• Collection Sample, File 62</li> <li>• VA FM 62.49</li> </ul>
12:00 p.m.	<b>Lunch</b>
1:00 p.m.	<b>Reference Laboratory Enhancement review</b>
1:30 p.m.	<b>RLE Files:</b> <ul style="list-style-type: none"> <li>• BLR Master Control</li> <li>• Institution File</li> <li>• File 60</li> <li>• IHS LAB CPT</li> <li>• Load/Work List; Auto Instrument</li> <li>• Mapping (MAP or CFE)</li> <li>• Ask at Order Entry</li> </ul>
2:30 p.m.	<b>Break</b>
2:45 p.m.	<b>RLE Test Building and Mapping/AOE</b>
4:30 p.m.	<b>Questions, Survey</b>
5:00 p.m.	<b>Adjourn</b>

## Acronym List

Acronym	Meaning
CPT	Current Procedural Terminology
EHR	Electronic Health Record
GPRA	Government Performance and Results Act
IHS	Indian Health Service
LIS	Laboratory Information System
LOINC	Logical Observation Identifiers Names and Codes
RPMS	Resource and Patient Management System
UCUM	Unified Code for Units of Measure