



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **Advanced RPMS Laboratory Training**

## Announcement and Agenda

July 2013

Office of Information Technology  
Albuquerque, New Mexico

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## **1.0 General Information**

### **1.1 Purpose of Training**

This class will provide an overview of Laboratory Test and Panel configuration in RPMS. The curriculum will include an in depth discussion on the use of age and gender quality assurance ranges and the use of delta values with respect to calculated values. Additional information will be provided on the use of parameters in the Auto Instrument file to enable the transformation of results. A specific focus will be reference lab test configuration and nomenclature including requirements for panels and ask at order tests.

Meaningful Use requirements will be reviewed. This will include a discussion of level-2 requirements.

Adding a test or panel to Accession Test Groups and Quick Orders will be covered. Requirements for adding and retiring a test will be reviewed, including mapping of taxonomies, updating menus and updating the CPT file.

The class will cover instrument interface configuration. An overview of required configuration on the Data Innovation server will be discussed with the understanding that this maintenance is the responsibility of the facility and Data Innovations.

Setting notification options and retention will be covered.

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.

### **1.2 Prerequisites**

Participants must have already attended “Introduction to Laboratory” or “EHR Laboratory Package for Small Sites without a Laboratory Professional”.

### **1.3 Intended Audience**

This class is oriented towards Laboratory professionals (e.g., Medical Laboratory Technicians, Medical Laboratory Technologists), who maintain the Laboratory system.

### **1.4 Course Material and References**

In keeping with applicable directives, materials for this course are available electronically and may be downloaded via the Internet.

#### 1.4.1 At the IHS FTP Site

- All needed materials may be downloaded from the RPMS Training FTP site at <ftp://ftp.ihs.gov/pubs/RPMS-Training/AdvancedLab/>:

#### 1.4.2 At an Outside Website

- LOINC User Guide: <http://loinc.org/downloads/files/LOINCManual.pdf>

## 2.0 Learning Objectives

Participants completing this course will be able to:

- Configure tests or panels
- Retire a previously configured test
- Configure Quick Order and Test Group menus
- Map taxonomies
- Configure and map referred tests
- Configure CPT codes
- Configure an instrument interface and have a basic knowledge of the D1 server configuration
- Locate and utilize delta values for in order to calculate test values
- Use the GIS reference interface menu to monitor, start, and stop the interfaces
- Resolve basic reference laboratory interface issues
- Set laboratory notifications options
- Extend notification retention
- Run the LOIN and UCUM mapper
- Perform routine maintenance tasks
- Setup delta values to perform delta checks and basic calculations

## 3.0 Detailed Agenda

### 3.1 Day 1

| Topic  | Time    |
|--|---------|
| <b>Welcome</b> <ul style="list-style-type: none"> <li>• Introductions</li> <li>• Review Agenda and Training Materials</li> <li>• Review Objectives</li> </ul>  | 30 min. |
| <b>RPMS/Laboratory Package Configuration</b> <ul style="list-style-type: none"> <li>• RPMS Data Flow</li> <li>• VA FileMan Review Day One Files</li> <li>• Adding a New Test</li> <li>• Retiring a Test</li> </ul> | 90 min. |
| <b>Break</b>   | 15 min. |
| <b>POC Test Configuration</b>  | 75 min. |
| <b>Lunch</b>   | 60 min. |
| <b>GUI Accessioning</b>  | 90 min. |
| <b>Break</b>   | 15 min. |
| <b>Mapping Taxonomies</b>  | 45 min. |
| <b>Questions/Site Specific Issues (Participant Issues)</b>   | 60 min. |

### 3.2 Day 2

| Topic  | Time    |
|--|---------|
| <b>Day Two Overview</b> <ul style="list-style-type: none"> <li>• Review from Day One</li> <li>• Questions</li> <li>• Day Two Objectives</li> </ul> | 30 min. |
| <b>Adding Tests to Quick Orders and Accession Test Groups</b>  | 30 min. |
| <b>Setting Up Delta Values</b>   | 60 min. |
| <b>Break</b>   | 15 min. |
| <b>Utilizing Delta for Calculated Values</b>   | 75 min. |
| <b>Lunch</b>   | 60 min. |
| <b>Instrumental Interface Configuration</b>  | 90 min. |
| <b>Break</b>   | 15 min. |
| <b>Resolving Reference Lab Issues</b>  | 60 min. |
| <b>Questions/Site Specific Issues (Participant Issues)</b>   | 30 min. |

### 3.3 Day 3

| <b>Topic</b>   | <b>Time</b> |
|--|-------------|
| <b>Day Two Overview</b> <ul style="list-style-type: none"><li>• Review from Day Two</li><li>• Questions</li><li>• Day Three Objectives</li></ul> | 30 min.     |
| <b>LOINC and UCUM Auto</b>   | 60 min.     |
| <b>Break</b>   | 15 min.     |
| <b>System Maintenance</b>  | 15 min.     |
| <b>TaskMan</b>   | 60 min.     |
| <b>Lunch</b>   | 60 min.     |
| <b>Lab Label Printer Configuration</b>   | 60 min.     |
| <b>Break</b>   | 15 min.     |
| <b>CSI</b>   | 60 min.     |
| <b>Wrap Up and Survey</b>  | 75 min.     |

Certificates are emailed from OIT.