



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Advanced RPMS Laboratory Training

Announcement and Agenda

April 2014

Office of Information Technology
Albuquerque, New Mexico

Table of Contents

1.0	General Information	3
1.1	Purpose of Training	3
1.2	Prerequisites.....	3
1.3	Intended Audience.....	3
1.4	Course Material and References	3
1.4.1	At the IHS FTP Site	4
1.4.2	At an Outside Website.....	4
2.0	Learning Objectives	5
3.0	Detailed Agenda	6
3.1	Day 1	6
3.2	Day 2	6
3.3	Day 3	7

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 and 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 Data Innovations 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
- 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
Welcome <ul style="list-style-type: none"> • Introductions • Review Agenda and Training Materials • Review Objectives 	30 min.
RPMS Laboratory Change Control, POC Test/Panel Configuration Review	90 min.
Break	15 min.
RPMS Laboratory POC Test/Panel Configuration - Review	75 min.
Lunch	60 min.
Reference Lab and Instrument Test/Panel Configuration	90 min.
Break	15 min.
Load/Worklist Configuration	30 min.
Setting Default Results	90
Questions/Site Specific Issues (Participant Issues)	30 min.

3.2 Day 2

Topic	Time
Day Two Overview <ul style="list-style-type: none"> • Review from Day One • Questions • Day Two Objectives 	30 min.
Adding Tests to Quick Orders and Accession Test Groups	90 min.
Break	15 min.
Setting up Delta Values	30 min.
Setting up Calculations	45 min.
Lunch	60 min.
Setting up Calculations	60 min.
DI Setup and Trouble Shooting	60 min.
Break	15 min.
Resolving Interface Issues	60 min.
LOINC and UCOM	45 min.
Questions/Site Specific Issues (Participant Issues)	30 min.

3.3 Day 3

Topic	Time
Day Two Overview <ul style="list-style-type: none">• Review from Day Two• Questions• Day Three Objectives	30 min.
Mapping Taxonomies	60 min.
Break	15 min.
MAP/Ask at Order Questions - Setup	60 min.
Lunch	60 min.
Label Printer setup	60 min.
Lab Label Printer Configuration	60 min.
Review retiring a test	60 min.
Break	15 min.
CSI	60 min.
Wrap Up and Survey	75 min.

Certificates will be emailed from OIT.