



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Diabetes Management System (DMS)

Announcement and Agenda

FY 2016

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1.0 General Information

1.1 Purpose of Training

The purpose of this course is to provide an overview of the tools in RPMS that are available to Diabetes Program staff for patient and program management. Both RPMS and Visual DMS will be used to review patient management options including adding new patients to a register, altering the status of patients in the register, recording case comments and register diagnosis, generating individual audits, and customized letters. Class participants are shown how to create custom letters, customize flow sheets, and health summaries, as well as how to set up bulletins for identifying newly diagnosed patients. Diabetes Management System reports are run for identifying patients with specific follow up needs as well as reports for program management including the Diabetes Audit. In addition, an overview of QMan is provided in order to run ad hoc reports for patient and program management.

The course consists of lecture with overheads, demonstration of the tools, and hands-on exercises utilizing individual computer terminals for each student and a simulated patient database.

1.2 Intended Audience

This course is designed for Diabetes Coordinators, health care providers, facility and program managers, medical records personnel, planners and epidemiologists, data entry staff, and information system personnel. Basic RPMS skills are highly recommended.

1.3 Course Material and References

1.3.1 At the IHS Training FTP Site

The following materials may be downloaded from the RPMS Training FTP site at <ftp://ftp.ihs.gov/pubs/rpms-training/DiabetesManagementSystem/>:

- Course Agenda (this document)
- Diabetes Management System Training Manual 2016
- Diabetes Audit 2016 Form
- 2016 Audit Check List
- Diabetes Audit 2016 Instructions
- Diabetes Management System Version 2.0 Patch 9 Supplement

1.3.2 Outside Links

Below are links to reference material that will not be provided in class.

- Standards of Care and Clinical Practice Recommendations: Type 2 Diabetes
<http://www.ihs.gov/MedicalPrograms/Diabetes/index.cfm?module=soc>
- Screening and Monitoring of Chronic Kidney Disease in Diabetes
http://www.ihs.gov/MedicalPrograms/Diabetes/HomeDocs/Tools/ClinicalGuidelines/CKD_FAQ_Jul2014.pdf
- Urine Albumin screening and Monitoring in Type 2 Diabetes
http://www.ihs.gov/MedicalPrograms/Diabetes/HomeDocs/Tools/Algorithms/DM_algorithm_Urine_Alb_508c.pdf
- Diabetes Management System Version 2.0 User's Guide
http://www.ihs.gov/rpms/PackageDocs/bdm/bdm_020u.pdf
- IHS Standard Code Book
https://www.ihs.gov/scb/index.cfm?module=disp_tablesSCB&newquery=1
- Documentation Guide for RPMS Health Factor and Exam Codes
http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.07o_aum.pdf
- QMan User's Manual Volume II
http://www.ihs.gov/RPMS/PackageDocs/BJPC/bjpc0200.05u_amqq_db.pdf

2.0 Learning Objectives

Upon completion of the course, students will be able to:

1. Establish and maintain a diabetes register.
2. Generate reports from the register.
3. Perform ad hoc retrievals of data for register patients.
4. Setup taxonomies required for the system.
5. Execute an automated diabetes audit.
6. Utilize proper techniques for recording required diabetes-related data in the RPMS/EHR.

3.0 Detailed Agenda

3.1 Day 1

Topic	Duration
Welcome: <ul style="list-style-type: none"> • Introductions • Review agenda and Training materials • Objectives 	15 min.
Overview of the Diabetes Management System (PowerPoint)	75 min.
Demonstration of the DMS Menu Items	30 min.
Break	15 min.
Adding Patient to the Register (Hands-On)	15 min.
The Patient Menu (Hands-On) <ul style="list-style-type: none"> • Edit Register Data • Case Comments • Health Summary • Last Visit • Medications • Laboratory Tests • Face Sheets • Audit • Flow sheet • Letter 	90 min.
Lunch	60 min.
The Diabetes Audit (Hands-On) <ul style="list-style-type: none"> • Establishing taxonomies required for the audit • Creating a random sample of patients for the audit • Running the Audit Report • Running the Audit Export • Loading and editing the data in the WebAudit 	75 min.
Break	15 min.
Visual DMS (Power Point)	15 min.
Visual DMS (Hands-On) <ul style="list-style-type: none"> • Patient Management • Graphing data • Establishing taxonomies • Running the Audit Report • Running the Audit Export • Graphing data 	90 min.
Review, Questions, and Adjourn	15 min.

3.2 Day 2

Topic	Duration
Day Two Overview: <ul style="list-style-type: none"> Review from Day One Questions Day Two Objectives 	15 min.
Entering Diabetes Related Data (Exercise)	60 min.
Creating Follow-up Letters (Hands-On)	30 min.
Break	15 min.
Setting up the Diabetes Flow Sheet	15 min.
Customizing the Health Summary	15 min.
Lunch	60 min.
Case Management (PowerPoint)	15 min.
Creating a New Register <ul style="list-style-type: none"> Adding Data Elements Adding Authorized Users Adding Patients 	75 min.
Break	15 min.
Diabetes Management System Reports <ul style="list-style-type: none"> Follow-up Reports Lab and Medication Report Patient with no Date of Onset Recorded Patient with no documented TB Treatment Register General Retrieval 	90 min.
Review, Questions, and Adjourn	15 min.

3.3 Day 3

Topic	Duration
Day three Overview: <ul style="list-style-type: none"> Review from Day Two Questions Day Three Objectives 	15 min.
Use of QMan to Retrieve Data (PowerPoint)	45 min.
QMan Exercises (Hands-On) <ul style="list-style-type: none"> Register as the Subject Demographics versus Clinical Attributes 	30 min.
Break	15 min.
QMan Exercises (Continued) <ul style="list-style-type: none"> Finding Inactive Patients on the Register Finding Patient who should not be on the Register Finding Patients who should be on the Register Finding Patient with Comorbid Conditions 	105 min.
Lunch	60 min.

Topic	Duration
QMan Exercises (Continued) <ul style="list-style-type: none">• Age Distribution Reports• Incidence Reports• Prevalence Reports	90 min.
Break	15 min.
Body Mass Index Reports	30 min.
VGEN Reports <ul style="list-style-type: none">• Exporting a delimited file to Excel	45 min.
Final Questions, Evaluation, and Adjourn	30 min.