iCare Overview

Resource and Patient Management System (RPMS)
RPMS is the health information system for IHS with over 60 various applications. It provides cradle to grave patient healthcare information. Within the RPMS is the Patient Care Component (PCC) which is the clinical data repository.

iCare
iCare is the RPMS Population Management Graphical User Interface tool that helps efficiently manage the care of populations and patients. The interface acts as a wrapper to pull the data contained in RPMS into the iCare application. It was deployed in 2007.

iCare helps providers by:
- Proactively identifying and managing different groups (populations) of patients who share user-defined characteristics.
- Providing an integrated view of a patient's conditions that would minimize "stovepiped" care management.
- Providing an intuitive and integrated interface to the diverse patient data elements of the RPMS database.
- Facilitating provider review of clinical quality of care measures for their own patients to enable improvement in the quality of healthcare delivery.
- Enabling views of traditional healthcare information from the perspectives of community, population and public health.

Population Management

Home Screen
Visually organize and view information that is most important to the user's tasks.

Community Alerts
The anonymous notification of an incident of the CDC’s Nationally Notifiable Diseases and Suicidal behavior at a health facility.

Meaningful Use Reports
Provides Hospital/CAH’s and Provider performance and clinical quality reports for IHS facilities.

National Aggregate Reports
Allows users to view if their patients are meeting annual performance goals.

Case Management
Event Tracking (CMET)
Allows users to efficiently track a variety of procedures, exams, and screenings to ensure follow up has been ordered and patients have been notified. CMET tracks events in the following categories: breast, cervical, colon, and skeletal.

Create Customized Panels
Organize patients based on provider criteria. Criteria is determined using any number of hundreds of options. Commonly used criteria include case manager, diagnosis, population and provider.

Panel Window:
Panel window displays the name of the panel and number of patients in the panel. Then user determines what fields are to be displayed that are meaningful to them. Commonly used fields include patient name, medical record number, sex, age, and date of birth.

Patient Record Window:
The patient record window has a demographic box and several tabs that show patient specific information. This window provides a wide range of clinical data with a focus on providing quick access to needed data.

Graph It Function:
The user can create a graph of selected measurement data on the patient record window. The application displays the charting window, and shows a graph of the selected measurement type. The user can determine how the graph is displayed for easy viewing for the provider. The user can also change the display for easy use while using it as a tool for providing patient education.

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