

The application modules comprising PCC may be used individually or, to create the most powerful patient information abstract tool, as an integrated group of applications.

Patient Care Component (PCC) – incorporates all patient related information gathered during patient contacts into one comprehensive, centralized data repository to support healthcare delivery, management, planning, and research.

PCC Query (Q-Man) – a powerful tool that performs ad hoc searches of the PCC database.

PCC Data Export – collects and transmits registration and inpatient and ambulatory visit data for national reporting.

PCC Case Management System – establishes and maintains patient registers for managing select patient groups.

PCC Data Entry – allows entry of patient and visit related data into the PCC system.

PCC Data Entry Features

- On-line Help Screens and Prompts
- On-line Entry to PCC Files
- On-line Editing and Visual Verification of Data
- Computer Assisted ICD-9 Diagnostic and Procedural Coding

PCC Management Reports – a series of reports for patient care and program management.

Standardized PCC Reports

- Activity Reports by Discipline Group
- Ambulatory Visit Counts
- Body Mass Index Reports
- Frequency of Diagnoses and Procedures
- Diabetes Program Audit
- Immunization Reports
- Inpatient Reports
- Patient Listings
- Quality Assurance Reports
- Resource Allocation Reports
- Workload Reports

PCC Health Summary – a comprehensive patient health history derived from the comprehensive, centralized data repository.

Standard PCC Health Summaries

Adult Regular	Immunizations
CHR	Behavioral Health
Dental	Pediatric/Well-Child
Diabetes Standard	Problem List

Commonly Used PCC Health Summary Components

Active/Inactive Problems	Measurement Panels
Allergies	Medications
Demographics	Outpatient or Field Visits
Health Factors	Patient Education
Health Maintenance Reminders	Referred Care
Hospitalization Stays	Reproductive History
Immunizations	Scheduled Encounters
Insurance Information	Skin Tests
Laboratory and Radiology Data	Surgeries

Complete List of PCC Health Summary Information Components

Allergies	Meds (Chronic)
CHR	Meds (Current)
Demographic Data	Meds (Most Recent by Group)
Demographics (Brief)	Meds (Most Recent of Each)
Dental	Meds (Most Recent by Group Short Form)
Diagnostic Procedure	Mental Health/Social Services
Directions of Patient Home	Offspring History
Examinations (Most Recent)	Outpatient Visits Screened
Eye Care	Outpatient Visits (Field)
Family Medical History	Patient Education
Flowsheets	Patient Education (Most Recent)
Health Factors	Personal Medical History
Health Maintenance Reminders	Problems (Active)
History of Minor Surgery	Problems (Inactive)
History of Surgery	Public Health Nursing Visits
Hospitalizations Stays	Radiology Studies (Most Recent)
Immunizations	Referred Care
In-Hospital Visits	Reproductive History
Insurance Information	Scheduled Encounters
Laboratory Data	Skin Tests (All)
Laboratory Data (Most Recent)	Skin Tests (Last 3 of Each)
Measurement Panels	Supplements
Measurements	Treatments Provided
Meds (All)	

PCC Health Reminders

Immunizations	Lab Tests
Measurements	Skin Tests
Preventive Cancer Screening	

Collecting and Tracking Critical Patient Data



Resource and Patient Management System (RPMS) is an integrated solution for management of both clinical and administrative information in healthcare facilities. Flexible hardware configurations, over 35 software applications, and network communication components combine to create a comprehensive clinical, financial, and administrative system.

Professionals in both the Indian Health community and the private sector use over 20 clinical applications that comprise the Patient Care Component (PCC) of RPMS every day to efficiently manage clinics, maximize revenue generation, and – most important in today’s managed care environment – provide high-quality, cost-effective care for patients. Turn the page and see how critical PCC is to improving access to, communication about, and tracking of critical patient information.



The Indian Health Service
Public Health Service
Department of Health and Human Services
Washington, D.C.



Resource and Patient Management System

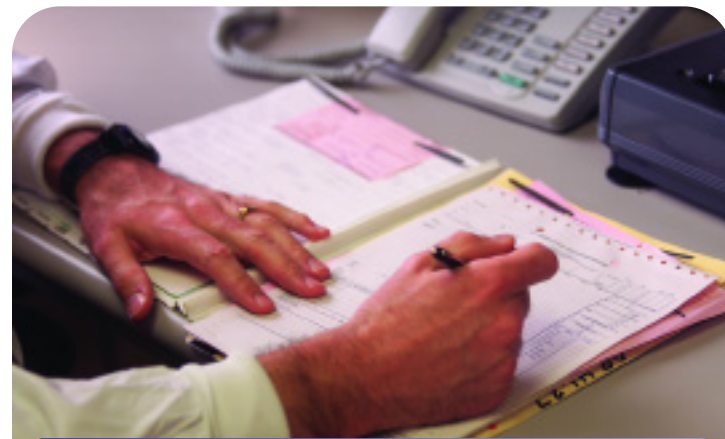


FLEXIBLE • SCALABLE • COST-EFFECTIVE



Collecting and Tracking Critical Patient Data: RPMS Patient Care Component (PCC)

High patient mobility, thick lifetime patient charts, and high provider workloads sometimes make providing quality healthcare a real challenge. PCC uniquely meets the challenge by collecting, storing, and integrating a broad range of data, from all patient contacts: inpatient, outpatient, and field, including encounters with physicians, clinic and public health nurses, mental health workers, pharmacists, community health representatives, nutritionists, and radiology and laboratory technicians. This data supports quality healthcare delivery, as well as facility planning, management and research. Equally important, PCC data is combined with data from the entire Indian Health community and is critical in planning for and funding future healthcare for all American Indian and Alaska Native people.



The Patient Health Summary

One of the most valuable and commonly utilized tools is a customized report called the PCC Health Summary. Because it is an abstract of the most essential information from an individual patient's cumulative history, it improves quality and saves providers valuable time. PCC offers several standardized health summaries such as Adult Regular, Pediatric, Behavioral Health – each with a different combination of components. Or, unique health summaries may be designed to meet individualized needs. A complete list of PCC Standard Health Summaries and Health Summary Components can be found on the back page of this brochure.

The PCC Health Reminders feature is another valuable tool. It helps providers track routine, periodic preventive healthcare needs such as immunizations, cancer screening, and measurements, over time and among different providers. A complete list of PCC Health Reminders can also be found on the back page of this brochure.



Beyond Individual Patient Care

PCC includes two powerful search and report tools that help clinicians and facility managers go beyond providing individual patient care. PCC Management Reports and PCC Query – commonly called Q-man – essentially “mine” the PCC data repository to provide standardized and customized lists and reports. The Management Reports module offers an extensive set of preprogrammed but flexible reports as well as two basic, but effective, ad hoc search and report tools. Q-man features a more powerful (but user friendly) front-end ad hoc “search engine” for more individualized searches.

The following lists demonstrate how PCC's search and report tools help clinicians and managers improve the quality of patient care, generate patient registers, study epidemiological rates and trends, conduct research, perform outcome measurements, and manage clinical activities.

Improve Quality of Care

PCC Health Summaries facilitate disease-specific and preventive care and help reduce medical errors by allowing one to identify:

- Diabetic patients with a positive skin test for TB but no history of treatment for TB
- Patients with renal failure who are receiving medications with renal toxicity
- Female patients over age 18 without a PAP within the last 3 years, or between 50 and 75 without a mammogram within the last 2 years
- Patients over age 65 with a chronic disease without a pneumovax or flu vaccine

Produce Patient Registers

Standardized Registers

- Diabetes Management
- Behavioral Health
- Women's Health Care

Customized Registers

- Flu Vaccine Recall
- Special Children
- Geriatric Patients

Monitor Epidemiological Rates and Trends

- Prevalence of Diabetes
- Incidence of Rheumatoid Arthritis
- Number of Obese Patients by Age
- Number (increasing or decreasing) of Asthma Patients

Measure Outcomes

- HEDIS
- ORYX
- GPRA
- Healthy People 2010

Improve Facility Management

- Times of Peak Patient Load
- Patients by Category (i.e., age, gender, complaint, insurance, etc.)
- Productivity Reports (by provider, clinic, facilities, etc.)
- Frequencies of Diagnoses (by provider, clinic, facility, etc.)

Conduct Clinical Research

PCC Management Reports and Q-Man can select a cohort of patients who fulfill user-determined criteria. Once a cohort is selected, Q-Man selects random samples of these cohorts and makes them available for further research and analysis such as “mining” for more detailed information on individual patients or developing and administering questionnaires.

Generate Standardized PCC Reports

- Activity Reports by Discipline Group
- Ambulatory Visit Counts
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- Frequency of Diagnoses and Procedures
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- Inpatient Reports
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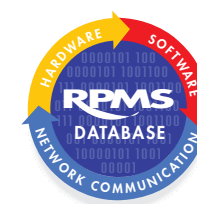


A Cost-Effective Solution

There are many reasons that Tribal and private sector organizations find RPMS – and PCC specifically – to be a cost-effective solution. For instance, while investments must still be made to support ongoing programming, technical support, and training, the RPMS software itself is a widely distributed, mature product, which markedly reduces total implementation costs. Also, information captured during patient visits is shared across applications and platforms, eliminating costly duplicate data collection to support many clinical and administrative functions. This “shared data” feature has another benefit: since everyone is using the same information, everyone also goes the “extra mile” to ensure the accuracy of all data entered.

PCC Health Summaries in particular save time and money. A quick glance at a patient's health summary can eliminate the need for providers to read through an entire patient chart. A conservative estimate shows that by saving just one minute of a provider's time per patient, PCC helps save enough time for providers to see an additional 2 patients per day. This translates into a significant increase in yearly revenues.

Patient visits and procedures information transfers automatically from PCC to RPMS Accounts Receivable and Third-Party Billing software applications. Therefore, when PCC, Financial and Billing applications are integrated, fewer billable procedures are missed and overall collections are higher.



Need More Information?

Enhancements to RPMS are driven by the same people who created it and use it today – including you! To offer feedback, request changes or enhancements, or for more information, contact your Area Information Systems Coordinator or do one of the following: visit the RPMS Information Web page at www.rpms.ihs.gov; email the ITSC Help Desk at ITSCHelp@ihs.gov; or call 888-830-7280.