IQware MTM|DSM
MEDICATION THERAPY MANAGEMENT · DISEASE STATE MANAGEMENT

IQWARE MEDICATION THERAPY MANAGEMENT/ DISEASE STATE MANAGEMENT

ENABLING BETTER RESULTS FOR PATIENTS, PHYSICIANS, AND PHARMACIES

To promote the safe and effective use of medications and help patients benefit from medication therapy, IQware designed the IQware Medication Therapy Management/Disease State Management (MTM/DSM) system. This comprehensive rule-based solution enables healthcare organizations to quickly and cost-effectively develop applications that:

- Enhance patient awareness about medication therapy
- Prevent adverse drug complications, conflicts and interactions
- Control costs

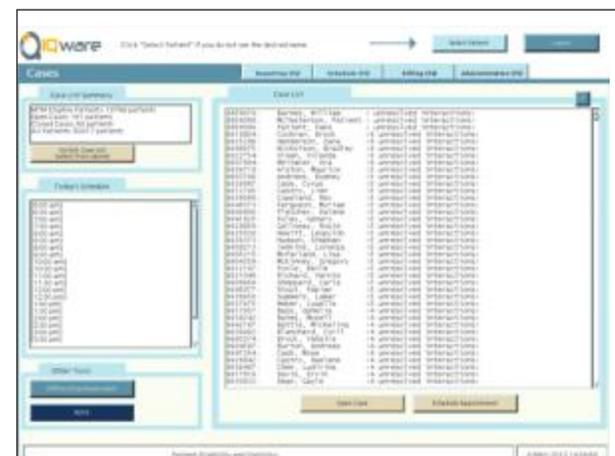## WHAT'S SO SPECIAL ABOUT A RULE-BASED SOLUTION?

Where traditional application development methods usually require significant investment in terms of time and money, IQware MTM/DSM is based on IQware's unique, patented rule-based architecture and revolutionary development methodology. Offering a paradigm switch from traditional software and development practices, IQware MTM/DMS enables you to:

- Modify applications on the fly, eliminating the costly software development cycle; enabling you to comply with evolving regulatory requirements
- Deliver the right information to the right people at the right time
- Enhance information management security using HP OpenVMS—the highly secure operating system that when deployed properly, has never been hacked
- Set permissions based on access control at the object layer, enforced by cryptography
- Streamline development and deployment, working with any data source and running on any equipment, from a desktop to a handheld
- Seamlessly interoperate and integrate with your data and current fulfillment system

ADVANCED CAPABILITIES MAKE THE DIFFERENCE

You can trust IQware MTM/DSM to provide the advanced features you need to drive better results for your patients—and your organization. Depending on your needs, you can choose from the following essential tools.

DRUG INTERACTIONS – With IQware MTM/DSM, pharmacists can analyze a patient's medications to determine any drug interactions. The results are categorized by the severity of the interaction. If any adverse interactions are identified, the pharmacist automatically receives a report. When necessary, a pharmacist can use IQware MTM to research interactions for specific drugs for a specific patient.

ALLERGY DETECTION – Physicians can use IQware MTM/DSM to create a comprehensive record of a patient's food, drug and environmental allergies— including the type of allergic reaction, as well as the dates the reaction appeared. Medical personal can prevent unnecessary allergic reactions by receiving automated IQware MTM alerts when a patient is prescribed a reactive drug.

DISEASE STATE ANALYSIS – Medical personnel can use IQware MTM/DSM to access comprehensive disease state and ICD-9 (International Classification of Diseases, vol. 9) listings (ICD-10 ready). They can research disease states based on a patient's current medications or associated with a particular drug or ICD-9 code. In addition, researches can analyze drugs that treat disease states by disease, ICD-9 code and condition.

DRUG UTILIZATION REVIEW – Pharmacists can use IQware MTM/DSM to analyze patient medications – including new prescriptions – to detect any adverse drug interactions. By automatically tracking prescriptions, IQware MTM/DSM enables pharmacists to:

- Measure patient compliance, including prescription over-utilization, underutilization and duplicate drug therapy
- Prevent unnecessary allergic reactions; alerts automatically appear when a patient is prescribed a reactive drug
- Automatically analyze drugs to check for medical and therapeutic appropriateness
- Track prescriber history
- Track contraindications for patient diagnoses and demographics
- Automatically alert the pharmacist to prescription dosage and duration errors

DATA MINING/MTM ELIGIBILITY – Pharmacists can determine patient eligibility for MTM services with a single click in IQware MTM/DMS. The advanced data mining features of IQware MTM/DSM enable the pharmacist to provide MTM services to patients with the greatest needs. Data mining results include pharmaceutical usage, efficacy and demographic data. Researchers can use these results to guide patient-centered activities, capitalize on revenue growth opportunities, and identify new drug research areas. Medical personal can also use IQware MTM/DSM to define criteria within certain data categories or through customized queries. And pharmacists can use IQware MTM/DSM to automatically track prescription fills to measure patient compliance.

TIME-SAVING FEATURES – To meet the growing need for "doing more with less," IQware MTM/DSM eliminates duplicate data entry by integrating numerous external databases including First DataBank. A physician can view a patient's entire medical record on a single screen, which is accessible from multiple locations within the IQware MTM/DSM system. Medical IT personnel can quickly and easily adapt the appearance and functionality of the IQware MTM/DSM screens to meet organizational preferences—which automatically reflect in a pharmacy's response lists.

SCHEDULING – Pharmacists and Physicians can use IQware MTM/DSM to automatically schedule appointments for patients eligible to receive MTM services. Built-in features enable pharmacists and physicians to:

- Track patient follow-through on MTM appointments
- Manage patient traffic
- Increase the efficiency of patient care
- View appointments on hourly, daily or monthly calendars, according to user preferences

COMMUNICATION – As the medical world becomes increasingly connected, IQware MTM/DSM enhances communication by enabling pharmacist and physicians to send emails and text messages to patients and other healthcare professionals from directly within the IQware MTM/DSM system. Medical staff can also print medication lists, appointment reminders and various reports to share with patients.

BILLING – To boost efficiency, IQware MTM/DSM can customize billing reports by PDPs, status, date or patient ID. For organizations that prefer a more visual approach to billing, IQware MTM/DMS provides the option of using pie charts to graphically represent billing records by PDP, status, date, patient ID, or CPT code.

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