MEDMARX

ADVERSE DRUG EVENT REPORTING

Comparative Performance Reporting Helps to Reduce Adverse Drug Events

Largest adverse drug event database in the U.S.

Over 1.3 M Medication Error Records

Over **40,000** Adverse Drug Reaction Records

Are you getting the most out of your adverse drug event (ADE) data? ADE reporting initiatives impact your bottom line and affect your accreditation status. You are already investing significant time and money reporting quality data internally and externally.

Going forward, the stakes are even higher. Consider:

- The potential liability associated with ADEs is both human and financial. In the July, 2006 Institute of Medicine report, it was estimated that medication errors harm 1.5 million patients annually with 7,000 deaths.
- Potentially inefficient systems and manual processes currently in place to collect, assess and act upon patient safety issues and adverse drug events.
- Resource intensive implementations of protocols, National Patient Safety Guidelines, audits and Pharmacy and Therapeutic committee reporting must go on, without any revenue to offset the expenditure.

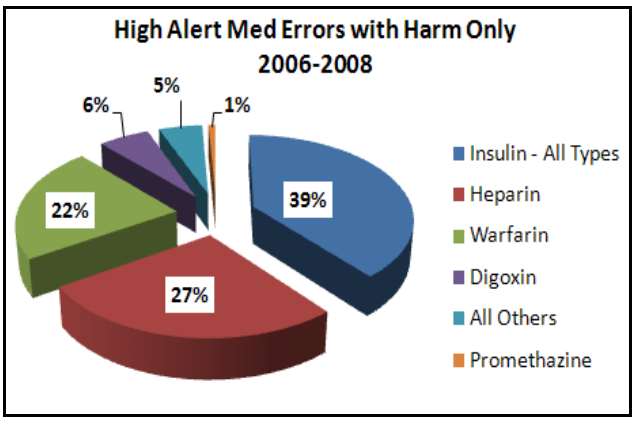
Hundreds of your peers have already chosen the Quantros MEDMARX product to solve these very real challenges.

Quantros MEDMARX is Your Solution

The MEDMARX registry of adverse drug events is the largest in the U.S, with over 400 healthcare facilities. It forms a rich source of knowledge to benefit mitigation strategies and interventions aimed at preventing medication errors leading to ADEs and better understanding Adverse Drug Reactions (ADR).

Advance Your Regulatory Requirement Efforts

MEDMARX facilitates the collection and analysis of medication errors occurring in hospitals and related health systems. It is an anonymous, subscription-based, voluntary reporting program that enables participating facilities to collect, analyze, anonymously compare and disseminate their data. It saves pharmacy staff time and increases reporting capabilities.



- Use in combination with Quantros Safety and Risk Management Solution (SRM)
  - Capture data across the facility, IDN or system easily with intuitive data entry
  - Manage the workflow to problem resolution
  - Automatically export from SRM to MEDMARX
- Meet accreditation standards, state regulations and monitor compliance with National Patient Safety Goals
  - Patient identification, Reconciliation, Communication
  - Brand/Generic sound/look alikes, labeling
  - Acronyms and Abbreviations, Dosage designations
- Ease of reporting to multiple audiences
  - Board/Committee ready reports
  - Reports for P & T Committee (top classes),
  - Quality and Risk Committee, Nursing Directors
  - Preview public data reports prior to final release.
- Access to optional Consultative Services from Quantros to address medication errors and ADRs

MedWatch Reporting Benefits

- Produce trifold self mailer format
- Save time
- Easily comply with regulations

Sentinel Event Alert
TJC September 2008

"Anticoagulants have been identified as one of the top five drug types associated with patient safety incidents in the United States."

Sentinel Event Alert
TJC April 2008

"Experts agree that medication errors have the potential to cause harm within the pediatric population at a higher rate than in the adult population."

Sentinel Event Alert
TJC January 2006

"Of the 350 medication errors resulting in death or major patient injury – over 30% "would have been avoided through effective medication reconciliation"

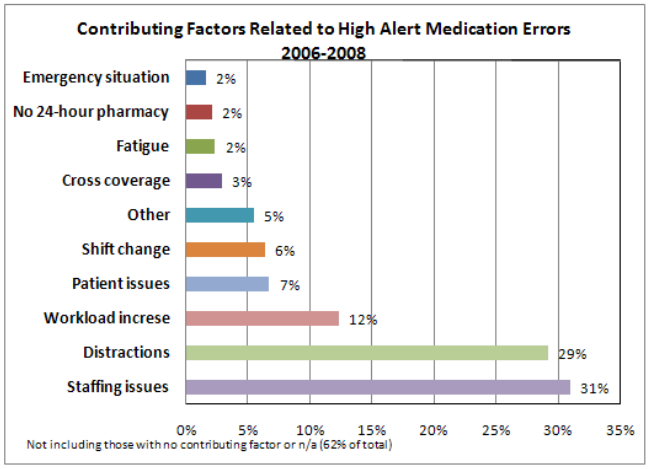
Key features

Facilities have access to in-depth information about both medication errors and adverse drug reactions. Comparative reports enable a real view to your own and others' performance and outcomes. Automated imports and exports, along with robust reporting and query capabilities enable pharmacy directors to save time and support the organization's patient safety goals.

- Large de-identified database
- Standardized taxonomy for medication events
  - Linked to NPSF standards
  - Support TJC elements
  - Automated transmission from SRM into MEDMARX
- Ability to identify comparison groups
  - Facility attributes
- Template reports and graphs
  - Serve multiple audiences
  - Support regulatory requirements
  - Committee ready
- Robust Ad hoc query capability
  - Save for repeated, consistent report generation
- Ad hoc graph generation
- Comparison reports
- Export to excel and PDF
- Role based access and privileges
  - Anonymous communication
  - Notices to users
  - Messages from users
- Clinical experts who can support your staff in advanced reporting, analytics and root cause analysis, as well as change management

Structured taxonomy

Standardized fields and definitions based on external, nationally recognized organizations that enable consistent reporting and comparative benchmarking.



- Incorporates nationally recognized taxonomy of the National Coordinating Council for Medication Error Reporting and Prevention (NCC-MERP) for the following items:
  - medication products
  - error category, node of the medication process, types of error, causes of errors, contributing factors
  - level of staff
  - harm levels
- Facility specific demographics and categories

Robust Reporting

Save time and improve reporting with predefined searches and preformatted graphs, designed with different audiences in mind.

Advantages of using these templates include:

- Incorporates multiple fields
- Provides quick look at data
- Covers most of questions asked
- Simple to run
- Built and tested – provides accurate data

Custom queries can be saved and re-run any number of times.

Review medication errors and adverse drug reactions in depth.

Select a variety of parameters to identify the root cause of issues.

Comparative Reports

Facilities can use the collective learning of all participating organizations as part of ongoing quality improvement efforts aimed at advancing safe medication use AND reviewing practical solutions taken in response to the errors. Select facilities that compare to you in both demographic and functional characteristics to ensure that you are evaluating your performance with a like facility.

Committee Reporting Made Easy

Save time and generate the results that help you:

Pharmacy and Therapeutics Committee Reporting Made Easy

- Prioritize, review and understand the issues
- Evaluate the impact of action plans with trend reports
- Learn about what other facilities are doing
- Quickly compile reports, graphs and trends
- Identify a variety of audiences
  - P & T Committee
  - Quality Improvement Committee
  - Directors and Service Line Managers
  - Joint Commission Surveyors
- Select from a variety of topics
  - Top therapeutic classes of drugs involved in errors
  - Where in the medication use process are errors occurring?
  - What are the top generic products with errors? And, which cause harm?
  - What are the contributory and causal factors?
  - Information on 'high-alert' medications
  - Product, Error and Harm Summaries

Quantros Understands

Healthcare is our passion. Founded by clinicians, we intimately understand the challenges you face. Our clients take advantage of real time access to their quality data and leverage over two Million patient encounters across hundreds of facilities to identify, address, analyze and resolve quality and safety issues.

You have concerns.

Quantros MEDMARX clients have found the answer.

Our clinical members sit on patient safety boards and regularly contribute information and data trends to leading healthcare trade publications. With our team at your side and MEDMARX supporting your efforts, your health-care organization will be empowered to make the right decisions for a promising and rewarding future …

... which brings us back to our core mission, helping you:

Save lives Improve quality Conserve assets

Contact us

Quantros, Inc.
690 North McCarthy Blvd
Suite 200
Milpitas, CA 95035
(877) 782-6876 Toll Free
(408) 957-3300 Local
(408) 957-3320 Fax
www.quantros.com