

### **The Cost of Medication Errors**

Approximately 30 percent of preventable medical errors are medication related. These errors affect thousands of lives and cost millions of dollars each year. A crisis of this magnitude warrants a systematic way of discovering the root cause of the issues and enacting interventions as rapidly as possible.

Until now the problem has been where to begin addressing these issues.

### **Introducing MEDMARX**

Quantros, in alliance with U.S. Pharmacopeia, now offers MEDMARX, a hosted application providing the most comprehensive means of addressing medication errors and adverse drug reactions. MEDMARX helps healthcare providers quickly capture, address, monitor and trend critical data. This leads to interventions that save lives, reduce harm and save money.

MEDMARX is a complete system for advanced medication and adverse drug reactions, and is used by hundreds of healthcare facilities generating more than 1.3 million adverse medication events. Not only does it provide real time data for your organization, it houses the largest comparative database of medication related errors and adverse drug reactions in the world. Every MEDMARX client has access to this comparative data for use in analysis and reporting.

MEDMARX is part of the Quantros Safety and Risk Management (SRM) Suite of Solutions. SRM clients can submit data via the SRM Event Manager and automatically push it to MEDMARX. Available are numerous reports and trending options within the application, specifically optimized for medication and adverse drug reaction analysis.

### **With MEDMARX, You Can Rapidly:**

- Leverage a standardized terminology and classification system that is continuously updated with the latest medication data elements
- Easily generate compelling presentations on medication errors and adverse drug reactions for management and committee meetings
- Analyze data comparisons to like facilities for performance measurement
- Find common trends leading to life saving interventions

### **Using MEDMARX**

MEDMARX is designed for ease of installation and use. Clients using this solution receive:

- A hosted, maintenance free solution eliminating IT support for server hardware and software
- Anonymous reporting of adverse drug events (medication errors and adverse drug reactions)
- Information capture on actions taken and recommendations to avoid future adverse drug events



- A simple, intuitive interface for fast, easy, accurate data entry using standardized formats, drop-down menus and picklists, and user-defined fields
- Optional data input via Quantros SRM
- Advanced tools for trend analysis and the ability to review information submitted by other participating organizations
- Powerful searching and charting tools to uncover patterns and trends
- In-depth online programs for user training and support

### **MEDMARX Benefits**

- Improve patient safety and continually raise the standard of patient care
- Prevent medication errors and adverse drug reactions through proactive measures to identify potential problem areas and initiate action plans
- Eliminate the high costs and risks associated with medication errors and adverse drug reactions
- Generate robust, easy-to-use, up-to-the-minute reports for management and committee meetings

### **Quantros and U.S. Pharmacopeia Alliance**

Quantros, a leading provider of real time quality, safety and risk management, and accreditation and compliance solutions for the healthcare industry, is in alliance with U.S. Pharmacopeia (USP) to grow its MEDMARX database. USP is the official public standards-setting authority for all prescription and over-the-counter medicines, dietary supplements, and other healthcare products manufactured and sold in the U.S. By joining forces, the companies are now assuring a more efficient hosting for MEDMARX along with reenergized recognition and penetration within the healthcare provider market.

<b>Feature</b>	<b>Benefit</b>
Fully integrated with SRM	Submit data via SRM Event Manager and automatically drive information to MEDMARX
Prevent and address medication errors and adverse drug reactions	Use proactive measures to reduce and eliminate adverse reaction and medication errors
Access comparative data for analysis	Provides real-time data and houses the largest comparative database of medication errors in the world
Generate compelling reports and presentations on medical errors for management and committee meetings	Sustains the highest professional values and boosts morale through shared goal achievement

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#### **Clients**

With more than 1,400 facilities using one or more Quantros solutions, our long list of distinguished clients includes:

- Alegent Health
- Catholic Healthcare Partners
- Rochester General Hospital
- Missouri Hospital Association
- Tufts New England Medical Center
- Tenet Healthcare Corporation
- West Virginia Medical Institute (WVMI)

#### **Credentials**

We maintain deep roots within the organizations shaping the future of healthcare quality, safety and compliance.

- The Joint Commission
- AHRQ
- ISMP
- CMS
- NQF
- AHA
- STS
- NPSF
- HL-7 (PSIG)
- ACC-NCDR