

# Avoid the costs of adverse drug events

## Cerner Multum solutions and services

Today, all stakeholders in healthcare are focused on the prevention of medical errors, which most frequently occur in the medication management process. Thousands of people die every year as a result of adverse drug events (ADEs). Each of these events, according to the *Journal of the American Medical Association*, directly costs the healthcare organization between \$1,900 and \$5,900. Fortunately, organizations can avoid these adverse events. The Cerner *Multum*<sup>®</sup> drug, herbal and nutraceutical database is the industry's leading resource to ensure safe medication use.

More than just a drug reference source, Cerner *Multum* has a knowledge system that provides organizations patient-specific drug information, expert dosing support and patient education materials. For the hospital, physician office, or for consumers, Cerner *Multum* offers unequaled drug knowledge that is easily integrated into a clinical information system or accessed through the Internet.

### Cerner *Multum* solutions and service offerings: *SubscribeRx*

Available for consumers or clinicians, *SubscribeRx*<sup>™</sup> delivers drug-specific interaction and patient education materials via the Internet, including:

- Patient education materials in English and Spanish
- Interactions checking—drug-drug and drug-food
- Drug-allergy and allergic cross-reactivity checking
- Drug-disease interaction checking
- Therapeutic duplication checking
- Drug descriptions and images

### *VantageRx*

*VantageRx*<sup>™</sup> is designed to deliver drug information appropriate for drug utilization review (DUR), as well as for medication information



### Key Benefits

- Enhance care with easy-to-read patient education materials
- Access numerous types of interaction content
- Usable by physicians and consumers

reference. *VantageRx* is delivered through an application program interface (API)—the software development kit (SDK)—to provide development tools that offer drug knowledge databases and expert drug information to new or existing clinical information systems.

*VantageRx* provides:

- Pharmacology information, including chemical categories, mechanisms of actions and literature references
- Drug descriptions and images
- Pregnancy and lactation precautions
- Warnings and contraindications
- Drug indications
- Therapeutic categories, including a poly-hierarchical classification system for drugs

## Solutions and Services at a Glance

Cerner *Multum* offers unequaled drug knowledge that is easily integrated into a clinical information system or accessed through the Internet.

### ***addVantageRx***

*addVantageRx*<sup>™</sup> provides clinicians with patient-specific content. The solution includes all *VantageRx* content, plus additional functionality that assists clinicians in patient-specific medication therapy management and ordering, including:

- Expert drug orders/prescriptions individually adjusted based on patient's clinical characteristics
- Expert dosing and pharmacokinetics
- *RxBUILDER*, which assists in generating correct, medically fluent orders for drug therapy based on common order elements

In addition, *addVantageRx* DUR Check offers:

- Drug-disease interactions and dose-range checking
- Indications for drugs

### ***VantageRx Database***

With the *VantageRx* database, organizations receive all content included in *VantageRx* in a relational database format, which enables them to develop their own custom applications for drug utilization review.

With Cerner *Multum*, healthcare organizations, caregivers and consumers alike can avoid the devastating impact of adverse drug events. For more information, contact a Cerner *Multum* representative at 800.9.MULTUM, e-mail us at [info@multum.com](mailto:info@multum.com), or visit us on the Web at [www.multum.com](http://www.multum.com).