

Drug Information

Gold Standard Drug Database

Smarter, Safer Drug Information



At Elsevier, we believe you should expect more from your drug information provider.

That's why we created the Gold Standard Drug Database, an integrated drug database and clinical support engine designed to fulfill the evolving needs of complex healthcare systems and applications.

What Makes Gold Standard Drug Database Superior

Gold Standard Drug Database leverages our clinical and technological expertise to deliver the most current and accurate drug data and decision support. And all with a single application programming interface, seamlessly and cost-effectively, so there's no added burden on your IT staff or resources.

Drug Product Database

The fully NCPDP-compliant database includes U.S.-approved brand and generic prescription drugs, OTC products, herbals, vitamins and nutritional products, medical devices and diagnostic kits.

Our Drug Product Database module automatically tracks NDCs through the use of permanent objects in the database, updating drug data and saving time spent searching through excessive lists for drug history.

Drug Pricing File

Offering today's only immediate drug pricing updates, our price file helps solve reimbursement, cost and pricing challenges with stable brand versus generic identifiers, more accurate information on generics and all available price types.

Gold Standard Drug Database is the only pricing module to include Predictive Acquisition Cost (PAC), an acquisition-based drug price solution that employs predictive analytics which measures factors such as MAC benchmarks, published price lists, existing price benchmarks, drug dispensation, behavioral metrics, and more. Elsevier is the exclusive publisher and distributor of PAC.

Decision Support without Alert Fatigue

Our intelligent decision support logic filters the noise from your system and alerts users to relevant issues only. Enhance patient care with these modules:

- Drug-Drug Interactions
- Drug-Herb Interactions
- Drug-Lifestyle Interactions
- Drug-Food Interactions
- Drug-Allergy and Allergy Cross-Sensitivity
- Drug-Disease Interactions, including contraindications and precautions
- Dose Check
- Duplicate Therapy
- Warning Labels, including shorter labels
- Pregnancy Ratings
- Parameters to Monitor
- Drug-Lab Interference Database
- SIGS Common Ordering Strings for Prescription Ordering
- Adverse Effects
- Alternative Drugs for Pregnancy/Lactation
- Trissel's IV Compatibility
- Alert Optimizer to customize alerts with easily configurable parameters to suppress alerts and/or drugs from search results

How It Helps

Drug Image File

The industry's most extensive collection of high-resolution, full-color digital images for prescription and OTC products, including oral, solid dosage forms, nondrug items and drug packaging with versioning to track changes in a drug's appearance.



The Gold Standard Drug Image File accurately identifies unknown tablets and capsules by utilizing color images of drugs combined with useful information about the drug.

Patient Education

Teach patients how to follow a safe and effective medication regimen with easy-to-read drug information handouts that are OBRA 90 compliant, consistent with Keystone Guidelines, and available with virtually unlimited display and personalization options. Includes thousands of patient education topics in multiple languages.

Hierarchy Database

Classify and organize drug products with unprecedented precision, from organ system down to ingredient, for quick and efficient data aggregation. Includes AHFS/ATC cross reference.

Market Classification System

Organize products to aggregate data into categories that more closely align with how products are used in the market today. Parent-child relationships allow for clear navigation and market baskets group competitive products efficiently.

Professional Drug Monographs

Working alongside drug data and decision support content, our professional monographs include concise referential information on U.S. prescription drugs, investigational drugs, herbals, nutritional and OTC products.

Delivers the Right Answers for All Healthcare Settings

Built with a layered approach to content, Gold Standard Drug Database is equally effective in prescribing, administration, dispensing and reimbursement settings. Drug information and alerts can be displayed at a more general level for clinicians who are ordering medications, or at a very specific level for those who are dispensing medications or handling claims.

Customizes Warning Labels

The Gold Standard Drug Database uses an intelligent system based on patient demographics to suppress inapplicable, unnecessary and potentially confusing warning labels. Labels can be omitted or replaced based on age, gender or a combination of both.

Protects Against False Positive Alerts

Suppresses false positive alerts by considering factors such as route of administration, ingredients (versus class levels only) and accepted duplicate therapies, to prevent unnecessary warnings.

Protects Against False Negative Alerts

Screens all ingredients of multi-ingredient products, such as prenatal vitamins and enteral products, and multiple-dose form products, for interactions and allergies. Also screens inactive ingredients during allergy checks, resulting in fewer false negative alerts.

Flags Interactions with Alcohol

Advises clinicians when alcohol appears as an active/inactive ingredient in medications within a patient's drug therapy regimen.

Usual Daily Dosing Information

Delivers correct dosing information for clinicians to ensure correct administration of patient medication, facilitating adherence to drug therapy for optimal health benefits.

SIGS

SIGS provide an easy way for a prescriber to order a drug by providing preselected orders for drug products. The module includes records based on route, frequency, indication, and age.

Why It's Better

The Gold Standard Drug Database's intelligent screening tools eliminate alert fatigue by filtering the noise and advising healthcare professionals of relevant issues only — no more, no less — enabling them to make informed decisions in less time

Congruent, Easily Accessible Reference Support

Concise written for the frontline clinician to enable rapid yet careful decision making, with one-click access to comprehensive referential data.

Effortless to Deploy and Maintain

Gold Standard Drug Database interacts through well-formed XML queries and responses. No matter how your current system is configured, adoption is fast and simple for your IT staff and end users alike.

Builds the Best Bridge to Industry Standards

Our newer technology is uniquely capable of including industry standards, such as ICD-9, ICD-10, RxNorm, UNII, and SNOMED CT, more rapidly and effectively than other decision support engines. Extensive use of external code sets eliminate the need to purchase additional software to bridge the gap, enhancing interoperability in an ever increasing complex clinical setting. You save considerable programming and conversion time, effort and costs.

The Gold Standard in Customer Service

The entire Elsevier team is committed to maximizing the positive impact our products have on your organization. It's service you should expect. It's service you deserve. And it's the kind of responsive, personalized service that sets the standard higher.

For more information:

Call: 866 416 6697

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