

TRUSTED EVIDENCE FOR

CONFIDENT CLINICAL DECISIONS

MICROMEDEX[®] Clinical Knowledge

Resources for Medication, Disease, and Toxicology

Trusted Evidence for Confident Clinical Decisions

Having the highest-quality, most comprehensive evidence-based data is critical to every clinician for making solid, supported decisions.

When that content is clear, concise, patient-specific, and accessible through existing IT systems at the point of care, the result is optimized patient outcomes with reduced risks and greater cost control.

Only Micromedex Clinical Knowledge is:

- Evidence-based for more than 40 years.
- Trusted in more than 5,000 hospitals and healthcare institutions in 83 countries.
- Used for toxicology content in 100 percent of U.S. Poison Control Centers, and most centers around the world.
- Integrated into nearly 2,000 provider EMR systems.
 - Micromedex drug information is on the list of statutorily named compendia in the U.S. Medicaid program and is used to determine a “medically-accepted indication” of an off-label drug.
- Used in most of the U.S. accredited Schools of Pharmacy and many more worldwide.

When It Matters Most, You Can't Afford Information Gaps

Micromedex® Clinical Knowledge is the single source solution for the clinical resources that pharmacists, clinicians, and managers of clinical care use and trust.

The Industry's Most Thoroughly Researched, Comprehensive Data

In critical situations, Micromedex Clinical Knowledge Suite always delivers. Our unparalleled in-house editorial process references the most clinically relevant evidence available. It is aggregated, filtered, and synthesized to virtually eliminate any gaps in information. The result is information that is consistent in format, presentation, and context; and relevant, current, and uniform across the patient continuum. Because it is evidence-based, it can support Meaningful Use objectives.

For clinical decision support, it delivers consistent, high-quality information that sets the industry standard for everyday use as well as in the most difficult situations.

You get both standard-level and expanded evidence — within context — so clinicians can get to answers quickly. Components include robust drug information the entire staff routinely uses, such as dosing and interactions, as well as the evidence that the most experienced clinicians need in difficult or unusual situations, including off-label uses and specialty populations.

The at-a-glance Micromedex Rating System helps clinicians readily identify the strength of key factors needed in making treatment decisions — strength of evidence, efficacy, and recommendation. The Micromedex Rating System is the result of thousands of man-hours reviewing medical literature to provide an easy-to-use guide that supports fast, informed decision-making.

Micromedex Clinical Knowledge

“Micromedex is a better product with a better track record than other systems. It has more solid information, unbelievable references, and better valid information.”

— KLAS Study

The Micromedex Clinical Knowledge suite is comprised of three distinct products:

Medication Management

Disease and Condition Management

Toxicology Management

The Micromedex Rating System:

Our at-a-glance Rating System uses icons to help clinicians readily identify the strength of key factors needed in making treatment decisions, so they can make fast, informed decisions.

The Micromedex Evidence Modules:

From routine drug content, to specialty patient populations and off-label uses, Micromedex provides the content that even the most experienced clinicians need

in difficult situations – as well as the everyday references the entire staff relies on.

Fast Access and Integration for Speed and Cost Efficiency

Meet your compliance standards and provide clinical consistency with access to consistent, comprehensive resources for medication, disease, toxicology, and more — where and when clinicians need it.

Integrated Clinical Evidence-Based Resources

Micromedex Solutions offer evidence-based information clinicians can count on when making a decision at the point of care. Micromedex provides a single source of information for patient-specific clinical decision support that seamlessly integrates with a variety of HIS systems. In doing so, we can help to satisfy Meaningful Use objectives and create efficiencies for your clinical staff.

Integration Options:

- Context-specific content retrieval via web services using HL7 standard or APIs.
- Embedded content options, including data files (flat files) for upload into your system(s).

Micromedex also provides flexibility to meet hospital and health facility’s daily workflow.

Delivery Options:

- Web 2.0
- Intranet
- Mobile native applications
- Tablet native applications
- Mobile/tablet via web

FAST ACCESS

INTEGRATION FOR SPEED

AND COST EFFICIENCY



Micromedex Medication Management

From drug-dosing information accessed daily to specialty patient populations and off-label uses, Micromedex provides everyday reference tools and resources the entire staff relies on, plus the specialized content the most experienced clinicians need in difficult situations.

With the most thorough content in its class, Medication Management provides a true end-to-end solution that has become a trusted single source of drug and medication recommendations.

Among the measurable improvements that this product can help you achieve are:

- Improved patient outcomes
- Reduced adverse events
- Reduced infections
- Management of drug shortages
- Cost savings associated with above benefits

The product is available modularly to provide clinicians access to detailed evidence-based content to support confident, informed decisions. Featured topics include:

- **Drug Information for Medication Safety**

Right at the point of care, clinicians can utilize our proprietary resource that includes fully referenced, unbiased content covering dosage, therapeutic use, cautions, comparative efficacy,

approved and off-label indications, pharmacokinetics, clinical applications, and interactions, including drug-drug, drug-food, drug-disease, drug-ethanol, and drug-laboratory, drug-pregnancy and drug-lactation as well as drug identification tools.

- **IV Compatibility for Medication Safety**

Featuring Trissel's™ 2 data, this tool pinpoints potentially dangerous combinations and helps clinicians interpret conflicting compatibility results by identifying contributing factors such as physical compatibility, storage, study period, container, and chemical stability.

CLINICALLY

TRUSTED

INFORMATION

*Delivery of Medication Management is made more flexible and convenient with free mobile applications for iPhone®, iPod® touch, iPad,™ and Android.™ **

*When available

- **Pediatric and Neonatal Evidence for Patient Safety**

This content delivers an unparalleled scope of information on commonly used medications, nutritional supplements, and substitutes in the neonatal and pediatric population. The patient- and indication-specific drug-dosing tool helps clinicians accurately prescribe, calculate, formulate, and administer essential drugs and parenteral nutrition. This saves time, boosts confidence, and improves outcomes for the challenging neonate and pediatric populations.

- **Formulary Solutions**

Save time in managing and distributing your formulary information. They eliminate the need for formulary books and fulfill all distribution guidelines,

while helping deliver prescriptions faster to patients. You can also make decisions based on cost because you have drug pricing at your disposal.

- **Alternative Medicine**

Our information provides a single source guide for integrating herbal and other alternative therapies that the patient may be using with conventional medicine to provide a full range of options.

- **Global Drug Information**

Through Redbook, Martindale, Index Nominum, the Italian Dialogo sui Farmaci, and the United Kingdom electronic Medicines Compendium.



A close-up photograph of a person's hands in a blue uniform, holding a black pen over a laptop keyboard. The background is blurred, showing a person in a blue uniform with a name tag.

For greater efficiency, Micromedex Disease and Condition Management is offered directly at the point of care, fully integrated in your Hospital Information System.

PERFORMANCE

ENHANCING

DATA

Micromedex Disease and Condition Management

In a single solution, integrated into a clinician's workflow, Micromedex Disease and Condition Management evidence-based clinical information enables quick access to the most current treatment-of-choice information at the point of care.

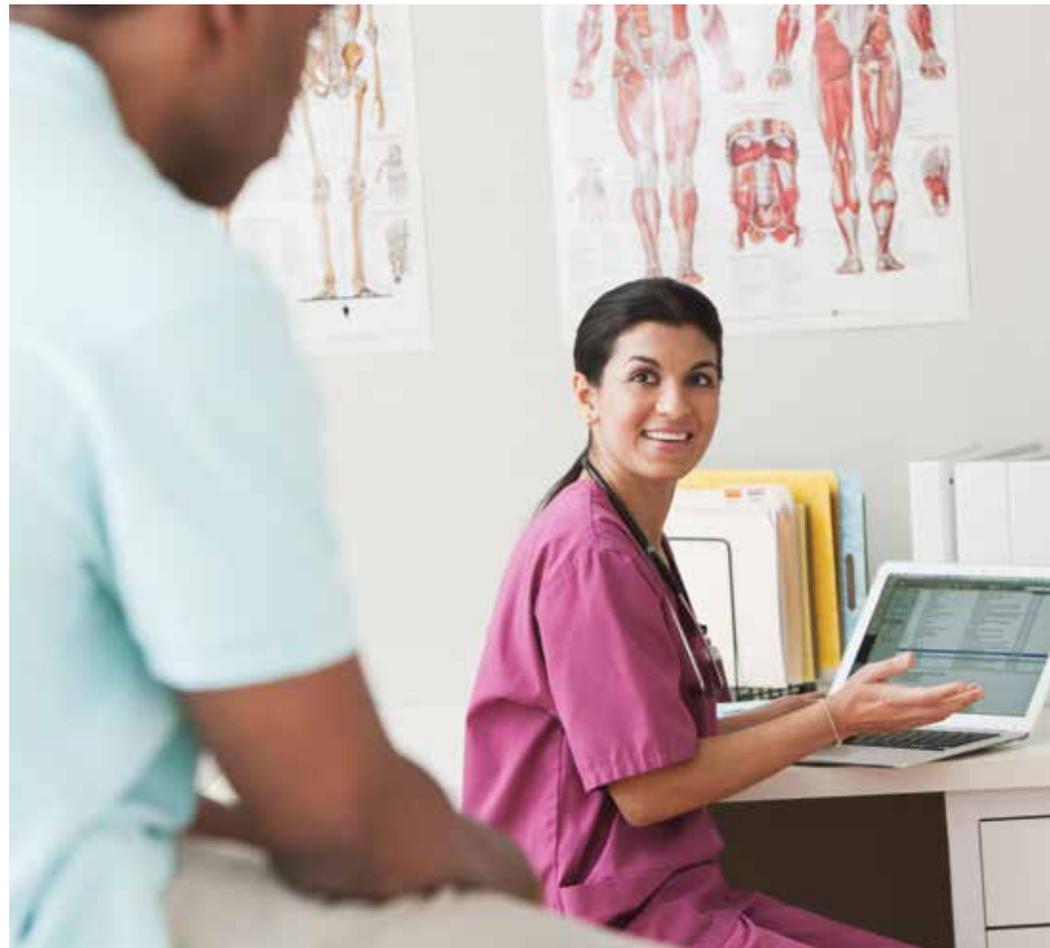
Measurable Benefits of This Product Include:

- Minimized treatment errors.
- Prevention of unnecessary tests or procedures.
- Reduced treatment costs.
- Improved patient outcomes.

Micromedex Disease and Condition Management offers both standard and extended information for making confident, informed treatment decisions.

Product features include:

- Acute and chronic disease management data, including emergency and general medicine.
- Procedure and treatment information.
- Pre-hospital protocols.
- Protocol checklist for enhanced patient safety.
- Lab recommendations including interpretations, values, and ranges.



Micromedex Toxicology Management

Speed is of the essence in identifying and treating exposure to poisonous substances. Immediate, evidence-based information is critical.

Micromedex Toxicology Management identifies and provides ingredient information for hundreds of thousands of commercial, pharmaceutical, and biological substances, including more than 1,700 detailed management/treatment protocols discussing clinical effects, treatment, range of toxicity, differential diagnoses, pitfalls, and more.

Relied on by 100 percent of U.S. Poison Control Centers and thousands of emergency departments in the U.S., Micromedex Toxicology Management

delivers precise, essential data through a single screen at the point of care to ensure the fastest access to critical answers.

To accelerate treatment, reduce errors, and enhance outcomes, the product features:

- Summary and in-depth information on exposure identification and management.
- Product listings, exposure assessment and management for potential poison sources including household products, drugs, chemicals, and plants.
- Data on reproductive risks including

the effects of drugs, industrial chemicals, physical and environmental agents, and a compilation of scientific reviews on teratogenic effects.

- Access to the TOMES® industrial chemical database for safe medical and disposal management of chemicals and hazardous materials in the workplace, including assessing and implementing onsite solutions for chemical spills, exposures, and explosions.



A HIGHER LEVEL

OF DECISION

SUPPORT

Micromedex Clinical Knowledge

Drive consistent, context-appropriate decision-making for all clinicians without disrupting their workflow.

For Every Clinician, Every Patient, Across Your Facility

Micromedex evidence-based information is aggregated, filtered, and synthesized using a rigorous editorial process, not pulled from various sources for different clinicians. Information is consistent in format, presentation, and context; relevant, current, and uniform across the patient continuum.

From routine drug content to specialty patient populations to off-label uses, Micromedex provides everyday references every clinician can rely on, plus the specialized content even experienced clinicians need in difficult or unusual situations.

Instant Access and Integration for Speed and Cost Efficiency

Our solutions can be delivered directly to the point of care — from web-based access to mobile applications, all with full integration into your hospital's information system.*

- Clinical Knowledge has been integrated into nearly 2,000 electronic patient record systems nationwide. Our solutions integrate directly into virtually any clinical info system from CPOE to EMRs and more.
- It allows you to add new Evidence Modules and Integration Options without interruption as your needs change.
- It is delivered via a single enterprise subscription fee, making your costs predictable — this means regular upgrades, maintenance, and support are included at no cost, and without interruption or downtime.
- The service includes on-device applications for iPhone®, iPod® touch, iPad™, and Android™ free with your subscription**.

Responsive, Comprehensive Support

Find support and training tailored to your needs with Micromedex Total Support Solutions — a suite of training and customer support services delivered by a highly trained, dedicated team that can help you calibrate your solution to your environment and goals to get the most from your solution every day. Service plans can include onsite and web-based training, targeted-use statistics reports, new release training, and 24x7 support.***

* Only available in select geographies outside the U.S.

** Where available

*** Only available in select geographies outside the U.S. Some service offerings may not apply for all products



RESPONSIVE

COMPREHENSIVE

SUPPORT



ABOUT TRUVEN HEALTH ANALYTICS

Truven Health Analytics delivers unbiased information, analytic tools, benchmarks, and services to the healthcare industry. Hospitals, government agencies, employers, health plans, clinicians, and life sciences companies have relied on us for more than 30 years. We combine our deep clinical, financial, and healthcare management expertise with innovative technology platforms and information assets to make healthcare better by collaborating with our customers to uncover and realize opportunities for improving quality, efficiency, and outcomes. With more than 2,000 employees, we have major offices in Ann Arbor, Michigan; Chicago; and Denver. Advantage Suite, Micromedex, ActionOI, MarketScan, and 100 Top Hospitals are registered trademarks or trademarks of Truven Health Analytics.

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