



Micromedex Drug Interactions

A robust, evidence-based drug interactions tool to help clinicians reduce the risk of adverse drug events by checking interacting ingredients and their clinical significance.

<https://www.ibm.com/products/micromedex-with-watson>

Overview

Micromedex Complete Drug Interactions (formerly Drug-Reax® System) is an evidence-based, comprehensive clinical decision support (CDS) tool designed to help healthcare professionals proactively identify and manage potential adverse drug events (ADEs) at the point of care . The solution is a core component of the Micromedex Clinical Knowledge Suite, which originated from Truven Health Analytics, acquired by IBM Watson Health, and is now part of Merative .

Key Features and Capabilities:

Comprehensive Interaction Screening: The tool checks for a total of nine interaction types, including drug-drug (including herbal), drug-food, drug-ethanol, drug-laboratory, drug-tobacco, drug-pregnancy, drug-lactation, and ingredient duplication .

Risk Evaluation: It provides a clear, easy-to-understand **five-level warning system** for interaction severity and a **four-level documentation rating system** to assess the quality and nature of the interaction evidence .

Workflow Integration: Micromedex solutions are designed for seamless integration into Electronic Health Record (EHR) systems nationwide, ensuring quick access to critical information within the workflow of physicians, pharmacists, and nurses .

Content Authority: The content is fully synopsisized, referenced, and developed by an in-house editorial team, with the editorial process accredited by the National Institute for Health and Care Excellence (NICE) .

Accessibility: The solution is accessible via desktop, mobile applications, and EHR integration, supporting a streamlined workflow .

Target Users and Use Cases:

Target Users: Pharmacists, Physicians, Nurses, Clinical Staff, Health IT Leaders, and Academic Centers .

Use Cases: Reducing medication errors and ADEs, supporting medication therapy management, providing clinical decision support at the point of care, and supporting regulatory and quality initiatives .

Key Features

- Drug-Drug Interaction Screening (including herbal)
- 9 Interaction Types (Drug-Food, Drug-Lab, etc.)
- Five-level Interaction Severity Warning System
- Four-level Documentation Rating System
- Search by Brand and Generic Names
- EHR Integration and Point-of-Care Access
- AI-powered Search (part of the Micromedex suite)
- Unbiased, Evidence-Based Content

Pricing

Model: subscription

Subscription-based pricing is customized and varies based on organizational needs, usage, and the specific Micromedex modules subscribed to. Contact Merative for a tailored quote.

Target Company Size: medium, enterprise

Integrations

EHR systems (General), InfoButton Access

Compliance & Certifications

HIPAA (Inferred for US healthcare data), CMS Compendium Level Status, NICE Accreditation (Editorial Process)

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