

# Six ways Micromedex supports patient safety

Clinicians and healthcare teams are dedicated to providing safe and effective care, yet the complexity of today's health landscape poses significant challenges.

Micromedex clinical decision support is a vital tool in navigating these complexities, helping to reduce medication-related harm and enhance patient safety. Here are six key ways Micromedex supports safe patient care:

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## Medication safety

Patients affected by preventable medication-related harm globally<sup>1</sup>

# 1 in 20

The comprehensive drug insights from Micromedex help to reduce risk of medication errors and adverse events, especially around dosing, drug interactions, and IV compatibility. And tools such as the "Do not confuse" section help support safe practice.

"Micromedex is a vital tool for clinical pharmacy activities such as medication review, deprescribing and medication reconciliation."

Dott. Umberto Gallo  
Pharmacist, Local Health Unit n.6  
Padua, Italy

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## Safety in critical situations



The toxicology treatment information in Micromedex supports fast answers for critical cases, including inadvertent ingestion of substances and more. In quick answers, the clinical effects section can help bedside staff anticipate toxic levels of a drug that can develop unexpectedly. Searching by name, code, or even slang term helps teams identify products and drugs in emergency cases.

"When we get a panicked caller, the first thing we do is turn to Micromedex."

Julie Weber  
RPh, CSPI, Director  
Missouri Poison Center, United States

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## Safety for specialty populations

Micromedex helps clinicians protect the safety of vulnerable populations such as neonatal, pediatric and geriatric patients with easy-to-search content, providing population-specific dosing adjustments and evidence-based summaries for context and caveats. Drug consult documents on deprescribing help support safe decisions for geriatric populations.



"As far as my go-to source for pediatrics and neonatal, Micromedex is my number one. That's what I rely on and that is what the neonatologists rely on. When there's something special that the neonatologists want, compounding a medication for a baby, Micromedex is right on top as far as getting you what to use, how much to use, what solution to use, and what the concentration is going to be."

Anthony Bono  
Pharmacist  
Englewood Hospital, New Jersey, United States

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## Safe care consistency



Micromedex helps support a consistent approach to care by presenting the relevant recommendations from clinical guidelines in context. Recommended dose by indication, as well as first- and second-line therapy help clinicians make the most informed choice based on patient characteristics and reduce unwarranted variability in clinical practice. Efficacy ratings based on global research help support safer therapy selection to lower the risk for patients.

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## Safety alerts in your workflow

When integrated into the EHR, Micromedex screens for clinical evidence on drug interactions, IV compatibility, and more, directly within the clinical workflow, to help reduce medication errors and adverse drug events. Tailoring alerts by severity, and by clinical context, helps reduce alert fatigue to further enhance patient safety and clinical outcomes.



"After integrating Micromedex into our EHR, we are now able to review 96 percent of the prescriptions that we issue, enabling better pharmacological treatment. We also expect to see significant improvements in pharmacokinetics and pharmacodynamics, as well as a reduction in medication errors."

María Carolina Aguirre Navas  
Chief Medical Information Officer at Hospital Internacional de Colombia (HIC)

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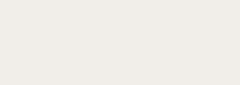
## Patient engagement for safe outcomes

Percentage of clinician instructions forgotten by patients shortly after leaving clinics<sup>2</sup>

# 56%

Providing simply written communications to patients about health conditions and continued self-care can be a critical factor in safe clinical outcomes. Micromedex provides practical evidence-based patient education materials in multiple languages across the continuum of care and provides clinical teaching materials to support clinicians as they counsel patients about medications and conditions to help promote treatment adherence and address safety issues.

[Learn how](#) Micromedex can help your organization or [request a demonstration](#).



References:  
1. World Health Organization (2023). Global burden of medication related harm in healthcare. A systematic review. Retrieved on September 3, 2024 from <https://iris.who.int/bitstream/handle/10665/376203/9789240088887-eng.pdf?sequence=1>  
2. Martin, Leslie R, Williams, Summer L, Haskard, Helly B, DiMatteo, M Robin (2005). The Challenge of Patient Adherence. Retrieved on September 3, 2024 from <https://pubmed.ncbi.nlm.nih.gov/18360559/>