

4 Benefits of Leveraging AI Technology for Medication Safety

With 1.5 million preventable medication errors every year, layering AI into existing clinical software systems can significantly reduce the number of errors, improve patient outcomes, and reduce hospital readmissions that result from medication-related harm.

1

Fulfill the Promise of Your Existing Technology

Unlock value from the data entered in to EMRs, pharmacy management systems, medical devices, payer systems, and more. Layering AI into these systems enables smart, actionable, and timely insights from data not otherwise provided by the system alone.

2

Enhance Clinical Decision Support

Traditional rules-based CDS tools cannot deliver patient-specific medication insights, leaving gaps and increasing risk. Layering AI into medication decision support provides a more holistic approach by looking for patterns, trends, and outlier behaviors, such as wrong medication mix-ups.

3

Reduce Risk Post-Prescribing

Patients can be harmed throughout their care by medications that were previously safe at the point of prescribing. Vitals, labs, and disease progression can all impact the appropriateness of a medication. Layering AI into existing systems can provide continuous risk monitoring, even when a patient isn't seeking care.

4

Eliminate Alert Fatigue

The alert rate of traditional CDS tools for medication prescribing is high, while the clinical relevance of alerts is extremely low. These alerts are often ignored and lead to alert fatigue. Layering AI into existing workflows provides patient-specific notifications that are highly relevant—decreasing the alert burden.

About MedAware

MedAware's medication safety monitoring platform lives within existing technology systems, EHRs, and devices to identify dangerous medication-related risks throughout the entire patient journey. Built using longitudinal and real-time patient data, advanced machine learning algorithms identify medication errors, opioid dependency risk, evolving adverse drug events, and more. The clinical relevancy of its medication alerts has been proven to be over 85% accurate, influencing prescribing behavior over 40% of the time.