

Implementation of a custom alert to prevent medication-timing errors associated with computerized prescriber order entry.

September 16, 2015

Idemoto LM, Williams BL, Ching JM, et al. Implementation of a custom alert to prevent medication-timing errors associated with computerized prescriber order entry. *Am J Health Syst Pharm.* 2015;72(17):1481-8. doi:10.2146/ajhp140790.

<https://psnet.ahrq.gov/issue/implementation-custom-alert-prevent-medication-timing-errors-associated-computerized>

This study examined the effect of a custom alert intended to reduce medication-timing errors associated with introduction of computerized provider order entry, which can lead to too-frequent or missed doses of medications. Using a rigorous interrupted time-series design, researchers found fewer medication-timing errors after implementation of this alert. This work demonstrates how custom alerts developed by clinicians can harness the electronic health record to improve safety.