

Systemic causes of in-hospital intravenous medication errors: a systematic review.

March 4, 2020

Kuitunen S, Niittynen I, Airaksinen M, et al. Systemic causes of in-hospital intravenous medication errors: a systematic review. J Patient Saf. 2021;17(8):e1660-e1668. doi:10.1097/pts.0000000000000632.

<https://psnet.ahrq.gov/issue/systemic-causes-hospital-intravenous-medication-errors-systematic-review>

Intravenous (IV) [medication administration errors](#) can cause severe patient harm. In this systematic review, researchers identified eleven studies characterizing the systemic causes of in-hospital IV medication errors. Systemic errors were identified most frequently during medication administration, prescribing and preparation, with common errors involving knowledge gaps, calculation errors, failure to double-check, and confusion between [look-alike, sound-alike medications](#). More research focused on IV medication safety is needed.