

Risk factors for adverse drug events: a 10-year analysis.

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Evans S, Lloyd JF, Stoddard GJ, et al. Risk factors for adverse drug events: a 10-year analysis. *Ann Pharmacother.* 2005;39(7-8):1161-8.

<https://psnet.ahrq.gov/issue/risk-factors-adverse-drug-events-10-year-analysis>

Many medications remain at risk for producing an [adverse drug event](#) (ADE) despite proper ordering and administration. This study examined more than 4300 ADEs to determine potential risk factors, such as specific patient characteristics. Using a logistic regression model, investigators discovered several risk factors that were present across drug classes with others that remained class-specific. For instance, drug administration route represented a significant risk factor for all ADEs. The article includes detailed tables outlining ADEs captured and risk factors by drug category. The authors conclude that high-risk drugs, as well as high-risk patient and drug administration characteristics, should be vigilantly monitored.