

Table 3

Barriers to CPOE Implementation

Barrier	Details	Citation
Cost	CPOE implementation cost ranged from \$1.3 million in critical care and rural hospitals to \$4.4 million in urban hospitals.	Ohsfeldt et al. (2005)
	Brigham and Women's Hospital spent \$11.8 million dollars to implement CPOE.	Kaushal et al. (2006)
	Cost was found to be the number one barrier to adopting CPOE.	Goldzweig et al. (2009)
Physician hesitation	Patient satisfaction does not decrease with physicians using CPOE systems.	Irani et al. (2009)
Lack of system interoperability	Lack of interoperability with other systems hinders the physician's ability to access a patient's medical record.	Yaffee (2011)
User errors	Errors include selecting the wrong dosage route, inappropriate product, or incorrect dosage and missing drug allergies. Prescribing errors occur in 0.3 to 39.1 percent of medication orders for hospital inpatients, and harm due to prescribing errors has been reported in approximately 1 percent of inpatients.	Reckmann et al. (2009)

ADE, adverse drug event; CDSS, clinical decision support system; CPOE, computerized provider order entry.

Sources:

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