

**Appendix Table 1.** Definitions of i-Vent categories

Category	Definition	Example Where the i-Vent Category Would be Used
Allergy detected/caution	Electronic medical record identifies a potential drug allergy that is reviewed by the pharmacist.	Resident ordered cephalexin for a patient despite a documented allergy (e.g. the resident overrode the EMR warning).
Drug interaction	Pharmacist recognizes an actual or potential drug interaction.	Resident orders voriconazole for a patient taking sirolimus.
Duplicate therapy	Epic identifies a therapeutic duplication of drug therapy during order processing or a pharmacist detects duplication on profile review.	Resident orders docusate when an identical order (same dose and frequency) already exists.
Order requiring clarification	Pharmacist receives a drug order that is unclear or incomplete	Resident orders as-needed labetalol without instructions stating when the medication should be given.
Renal dose monitoring/adjustment required	Pharmacist identifies potential need for therapy adjustment based on a patient's renal function and the drug prescribed.	Resident orders ciprofloxacin 500mg by mouth twice daily (standard dose for a patient with normal renal function) in a patient with end-stage renal disease treated with hemodialysis.