

Healthcare failure mode and effect analysis in the chemotherapy preparation process.

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<https://psnet.ahrq.gov/issue/healthcare-failure-mode-and-effect-analysis-chemotherapy-preparation-process>

Researchers in this study used [healthcare failure mode and effect analysis](#) (HFMEA) to identify and reduce errors during [chemotherapy preparation](#). Nine potential failure modes were identified – wrong label, drug, dose, solvent, or volume; non-sterile preparation; incomplete control; improper packaging or labeling, and; break or spill – and the potential causes and effects. Potential approaches to reduce these failure modes include updating the Standard Operating Procedures (SOPs), implementing a bar code system, and using a weight-based control system.