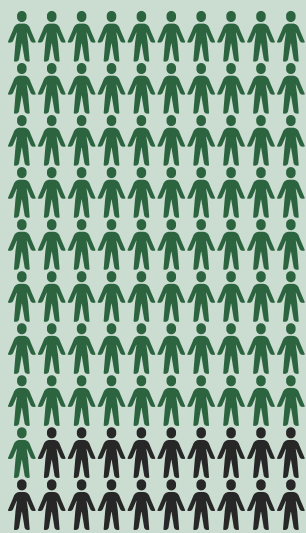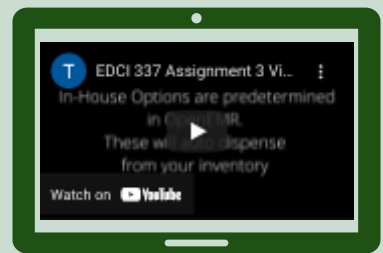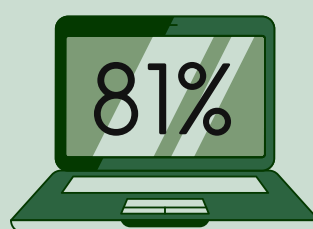# Not only are doctors killing you- Their computers are too

Computerized Physician Order Entry (CPOE)
is software for electronic prescriptions

CPOEs reduce human based prescription errors by

81%

But what errors are caused by the CPOE?

Data Collection Methods

One-on-One House Staff Interviews

Shadowing and Observations

Focus Groups

Expert Interviews

Surveys

CPOE Errors Causes

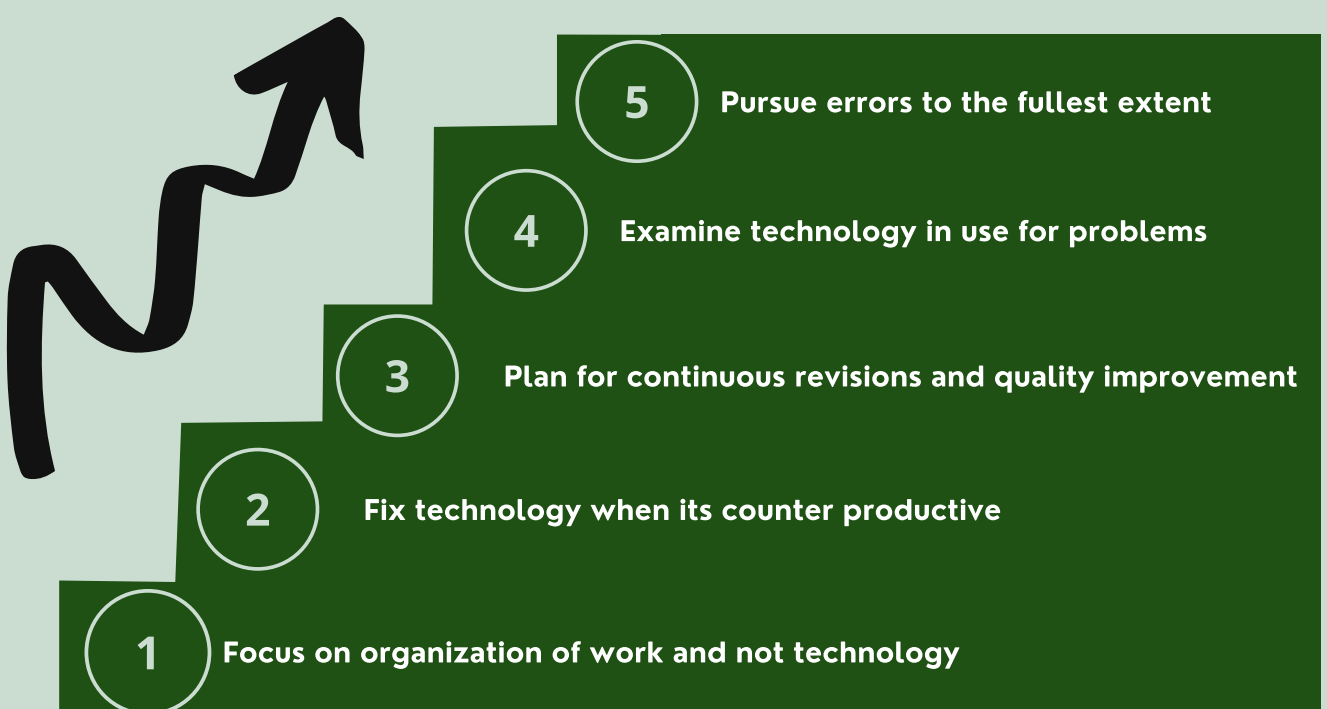| Human-Machine Interface	Information
Wrong Medication Selection	Allergy information Delay
Wrong Patient Selection	Wrong Dose
System Downtime	Conflicting Medication
Medication to wrong room	Medication Discontinuation

Recommendations for Less CPOE Errors

5 Pursue errors to the fullest extent

4 Examine technology in use for problems

3 Plan for continuous revisions and quality improvement

2 Fix technology when its counter productive

1 Focus on organization of work and not technology

Reference:
1. Koppel, R., Metlay, J. P., Cohen, A., Abaluck, B., Localio, A. R., Kimmel, S., E., & Storm, B., L. (2005). Role of Computerized Physician Order Entry Systems in Facilitating Medication Errors, 293(10):1197-1203. doi:10.1001/jama.293.10.1197