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31 October 2019

RxCorrects

Discussion of how to reduce medical errors in the pharmacy are pertinent to the health of patients. The problem of medical error being the third leading cause of death in the United States is considerable during the process of translation and transcription. Communication between doctors and pharmacists is a huge obstacle in providing the right treatment for the patient without mistakes.

Computerized data entry is the key concept in this project. The program demonstrates the ability to read and translate a prescription, as well as alert the person processing of any changes, calculations, or concerns involving the prescription. A scanner should be able to identify a doctor's handwriting to key in information without error.

Results should indicate a reduction in medical errors. This program should also bring awareness to both doctors and pharmacists in the number of errors occurring on a daily basis and open discussion on how to improve down the line.

These results should draw awareness to the problem, but also be a driving force to make changes in or improve upon the current system so the number of alerts decrease over time. This can be a way to not only save the patient from harmful errors, but also increase efficiency in the pharmacy workplace. The more clear information on the prescription, the less likely a pharmacist will find an area to make assumptions. By avoiding this problem, less time is needed to contact the doctor's office for clarification.