

Pharmacist-led Medication Evaluation and Intervention for Patients with Ileostomies

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Objective:

Patients with an ileostomy often have a reduced health related quality of life (QOL) as a result of the high impact living with an ileostomy. Patients discharged with new ileostomies are left with many questions, including management of their ileostomy, complications, and living with an ileostomy. Among these questions, medication management becomes one of the primary concerns for patients. There is lack of research involving considerations for medication delivery in patients with ileostomies. The goal is to create a synergistic approach to the care of ileostomy patients between the pharmacy and the Wound-Ostomy Center team at the Valley Hospital. The purpose of this research project is to identify if a pharmacist-led medication review increases the appropriate use of medications in patients discharged with ileostomies.

Methods:

Pharmacists provide a thorough medication review for all patients in the inpatient setting one day prior to the patient's discharge and a medication review of all patients in the outpatient setting with a pre-existing ileostomy. The Wound-Ostomy Center notifies the pharmacy department when an inpatient received a new ileostomy as well as with a list of all outpatients with ileostomies. The assigned pharmacist evaluates the patient's medications for pharmaceutical compatibility 1 day prior to discharge for inpatients and as warranted for outpatients. The prescriber is contacted for recommended medication changes and/or increased patient monitoring. The pharmacist documents the encounter in the patient's medical record.

Results:

The percent of medications changed following pharmacist recommendation will be recorded and the results will be presented. Additionally, secondary outcomes including total time per patient evaluation, number of medications per patient reviewed, number of medications per patient that needed adjustment, and categorization of the medications requiring adjustment will be recorded and the results will be presented.

Conclusion:

It is anticipated that this project will demonstrate a role for pharmacist-led evaluation and intervention for patients with ileostomies in order to increase the appropriate use of medications.