

Proton Pump Inhibitors (PPIs) Stewardship



Project Overview

- The proton pump inhibitors (PPIs) are widely overused and rarely re-evaluated to determine whether the patient still needs them or not
- Like all other medications they don't come without risks which includes but not limited to: Infections like pneumonia and C. Difficile - Possible interaction with clopidogrel and other medications – Hypomagnesemia - Osteoporosis and fractures - Interstitial nephritis
- The aim of this Stewardship Program is to minimize the unnecessary use of PPIs

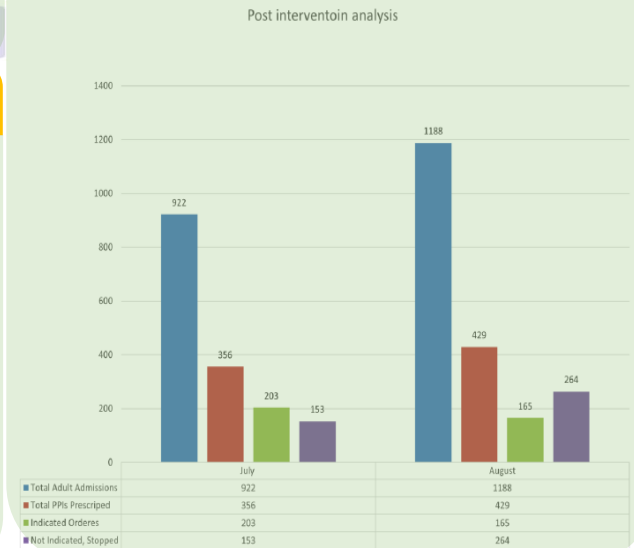
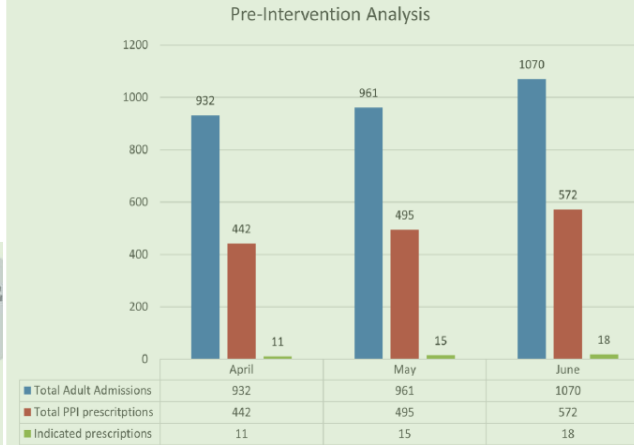
Project Challenges

- Physician's Habitual Practice (Ordering PPIs as it is harmless & chronic home medication)
- Patients Common Misconception (Stomach Protective Medications)

Project Methodology

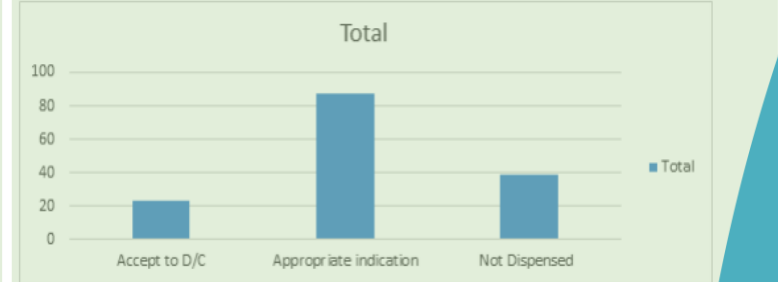
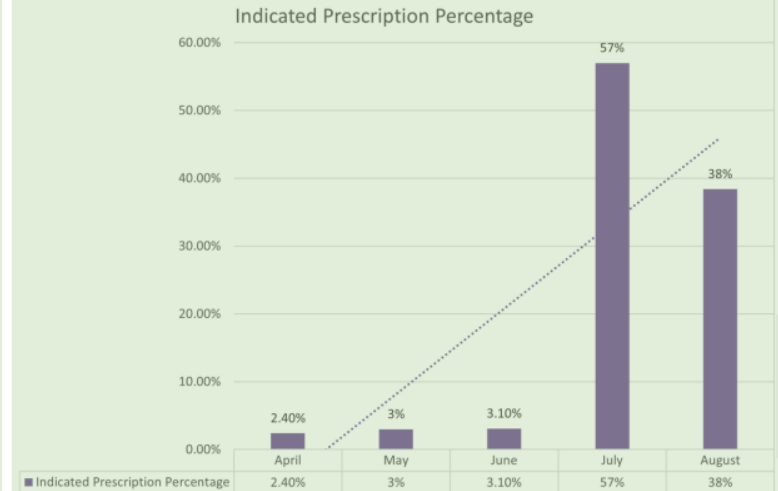


Project Outcome



Sustainability Plan

- Build KPIs to Continuously Measure The Effectiveness of PPI Stewardship: Total Number of Indicated PPIs Prescriptions/Total Number of PPIs Prescriptions



Project Background

- It has been noted that almost every admitted patient is receiving PPIs whether it is indicated or not
- Pre-project data was collected from April to June 2022, the results showed that 1509 unique patients have been prescribed PPIs, only 44 (3% only) of which are indicated
- This data showed the importance of creating Stewardship program to minimize the unnecessary use of PPIs

Project Team

- Dr. Nawal R. Abul khoudoud (Leader)
- Dr. Bakr Faisal
- Dr. Yazeed Alsubhi
- Dr. Randa Albloushi
- Dr. Mutaz alJunaid
- Dr. Omar Badahman
- Dr. Omar Zayed
- Dr. Mazin Alsayed
- Dr. Abdulrahman Alamoudi
- Dr. Mohammad Qattan
- Ms. Nada Massoudi
- Dr. Ruba Alali
- Ms. Safia Alshamy
- Ms. Alaa Alghohani
- Mr. Jehrel Gumban

Project Objectives

- Reduce the undesired risk due to unindicated use of PPIs
- Monitor the prescriptions of PPIs