THE IMPACT OF A PHARMACIST-REVIEWED MEDICATION RECONCILIATION PROCESS WITHIN A STATE PSYCHIATRIC HOSPITAL

Courtney J. Newby, PharmD; Emma Palmer, PharmD, BCPS, BCPP; Bert Smith, PharmD; Vital Shah, MD
Sullivan University College of Pharmacy I Louisville, Kentucky

BACKGROUND

• Medication reconciliation is an ever-evolving process that requires continued support and regular assessment
• It is paramount that proper home medications, allergies and diagnoses are documented, and therapies are restarted as seen fit by the provider
• Studies have demonstrated statistically significant decreases in medication errors and readmission rates with pharmacist-led medication reconciliation1,2
• Studies are currently lacking in similarly modeled State Psychiatric facilities
  • Majority of admissions to the facility involve a transfer from an outside facility
  • Multiple transitions of care may increase risk and complexity of errors in the medication reconciliation process

PURPOSE

• To identify areas for improvement in the medication reconciliation process within our institution to enhance patient care and satisfaction
  • Null Hypothesis: There is no difference between reported medication variances after pharmacist-reviewed medication reconciliation and educational implementation as compared with traditional methods within our facility
• To our knowledge, there is no literature involving the effect of pharmacy-led medication reconciliation within a State psychiatric facility

METHODS

Data collection and analysis will commence upon IRB approval at the Kentucky Cabinet for Health and Family Services.

Retrospective Collection:
  • Chart review for common errors (i.e. missing or incorrect home medications, inappropriate indications)

Error Identification & Educational Implementation:
  • Identify the most common variances
  • Implement educational sessions for our nursing and medical staff

Prospective Collection:
  • Review current patient charts to determine if intervention impacted medication reconciliation variances

DISCUSSION

• Currently at our facility, pharmacists are not involved in the medication reconciliation process
• A retrospective review of common variances will reflect upon how we can better educate our providers in regards to the importance of this process
• Future studies may utilize this model's impact in facilities that are not able to utilize pharmacists for medication reconciliation
• The potential impact of this research could be substantial for our patients in terms of quality of patient care, patient satisfaction and overall increase in hospital savings

RESULTS

Pending

DISCLOSURES

The authors of this presentation have the following to disclose concerning possible financial or personal relationships with commercial entities:
Courtney J. Newby: Nothing to disclose.
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REFERENCES