



# Impact of Transitions of Care Pharmacists

## Riley Jackson, PharmD Candidate

## Jared Sheley, PharmD, BCPS Sarah Schriewer, PharmD

SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE

### Background

Transitions of Care Pharmacists are responsible for ensuring efficient patient discharge. They make various interventions regarding drug safety, therapy optimization, cost efficiency, and more. HSHS St. Elizabeth's Hospital has increased the pharmacist involvement in transitions of care services over the previous calendar year.

### Methods

#### IRB Approval

- Institutional Review Board at Southern Illinois University Edwardsville

#### Study Design

- Single Center, Retrospective, Observational, Cohort Study

#### Inclusion Criteria

- Ages 18 - 59
- All Genders + Ethnic Groups
- No limitations on indications

### Results

Primary Outcome: Overall 30-Day Readmission

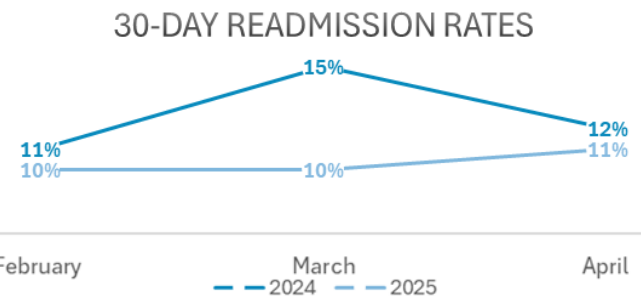
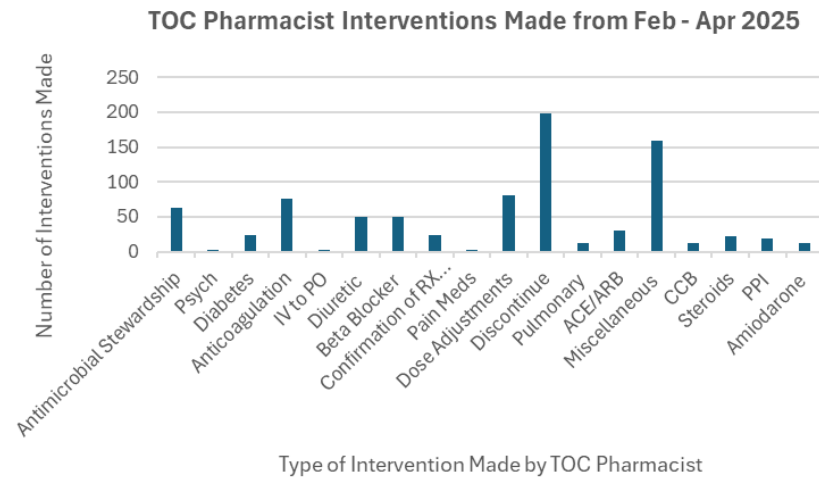
2024: 13% → p =

2025: 10% → p =

Secondary Outcome: Time out Before 1400

Feb: 71% Mar: 58% Apr: 66%

Total Interventions Made: 836



### Limitations

- Retrospective review
- Lack of care with all patients admitted
- Greater comparison based on acuity

### Conclusions

- Pharmacist Involvement in Transitions of Care Reduces Overall 30-Day Readmission Rates
- Pharmacists are Crucial Members of the Health System Care Team for Efficient Discharge with Optimal Medication Assessment
- Transitions of Care Pharmacists Increase the Efficiency for other Members of the Healthcare System
- Additional Studies with Longer Follow-Up could Highlight the Impact of Transitions of Care Pharmacists to a Greater Degree