Factors Associated with Increased Risk of 30-Day Readmissions.
Ethan Leiker, PharmD; Erica Wilkinson, PharmD
Salina Regional Health Center, Salina, KS

**Background**
- Hospital readmissions cause great financial strain to the United States health care system and individual health systems.  
- The Centers for Medicare and Medicaid Services (CMS) has created the Hospital Readmissions and Reductions Program (HRRP) which penalizes systems that have high 30-day readmission rates in certain disease states.  
- With almost three-fourths of CMS readmissions being preventable, many different payers and health systems will need to focus on reducing readmissions to save money and improve patient care.

**Objectives**
To evaluate possible causes of 30-day readmissions to identify areas pharmacists can improve outcomes and patient care.

**Methods**
- Single center, retrospective chart review of COMCARE patients readmitted within 30 days, identified by our medication reconciliation technicians.
- Readmissions from January 30th, 2020, to October 17th, 2020
- **Inclusion Criteria:**
  - Primary care provider at COMCARE.
  - Discharging from Salina Regional Health Center.
  - Older than 18 years of age.
- **Exclusion Criteria:**
  - Patients with less than 3 medications.
  - Patient readmissions due to elective surgery.
  - Prisoners.

**Results**

<table>
<thead>
<tr>
<th>Patient Demographics</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender (percent)</td>
<td>39 (51)</td>
<td>38 (49)</td>
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<tr>
<td>Age (years old)</td>
<td>Mean 71.4</td>
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<tr>
<td>Time to Readmission (days)</td>
<td>Mean 9.5</td>
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<tr>
<td>Time To Follow-Up (days)</td>
<td>Mean 7.8</td>
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<tr>
<td>Medications</td>
<td>Mean 14.5</td>
<td></td>
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<tr>
<td>Medication Changes</td>
<td>Mean 2.4</td>
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</tbody>
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**Conclusions**
- Readmitted patients have a high medication and disease burden.
- 60% of the disease states identified on readmitted patients meet CMS criteria, creating extra financial strain on the institution.
- While our time to follow-up is less than our time to readmission, these patients still need more intervention to reduce their likelihood of readmission.
- Through emphasis on medication use and complex disease state education, pharmacists can improve care for patients and impact outcomes.
- This evaluation only includes patients identified by medication reconciliation technicians and may not identify every COMCARE patient readmitted.

**References**

**Disclosures**
Authors of this presentation have the following to disclose concerning possible financial or personal relationships with commercial entities that may have a direct or indirect interest in the subject matter of this presentation:
Ethan Leiker: nothing to disclose
Erica Wilkinson: nothing to disclose