Utilization of LACE Index to Identify Gaps in **Post-Discharge Transitions of Care Services**

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BACKGROUND

- Hospital readmission is a significant and costly challenge that health systems face
- Within 30 days of discharge, it has been found that readmission occurs in approximately 10-20% of patients¹⁻²
 - Readmissions pose a \$41 billion financial burden on health care
- LACE index is a scoring tool which has been created to predict hospital readmissions to make it easier to identify patients who might benefit from transitions of care (TOC) services³⁻⁵
 - Scores of \geq 10 are considered high-risk
 - Measures Length of Stay, Acuity of Admission, <u>Comorbidities</u>, and <u>Emergency</u> Department Visits in Prior 6 Months
- Despite the clear benefit seen in providing these services, many payor groups, such as private insurance, have not adopted reimbursement methods for completing transitions of care visits

AIM STATEMENT

Determine the utility of LACE Index and identify patient groups who do not currently receive TOC services but may benefit if included

END POINTS

Primary Endpoint:	 % of discharged patients with LAC scores of ≥ 10 who received a TOC the % of discharged patients who TOC services through current ider methods
Secondary Endpoints:	 Number of patients receiving a TC payor Rate of 30-day readmission

METHODS

from transitions of care services.

Inclusion Criteria

- Age \geq 18 years
- Discharged from the family medicine service
- Have plans to follow-up outpatient with the health system's family medicine department

Exclusion Criteria

- Age < 18 years

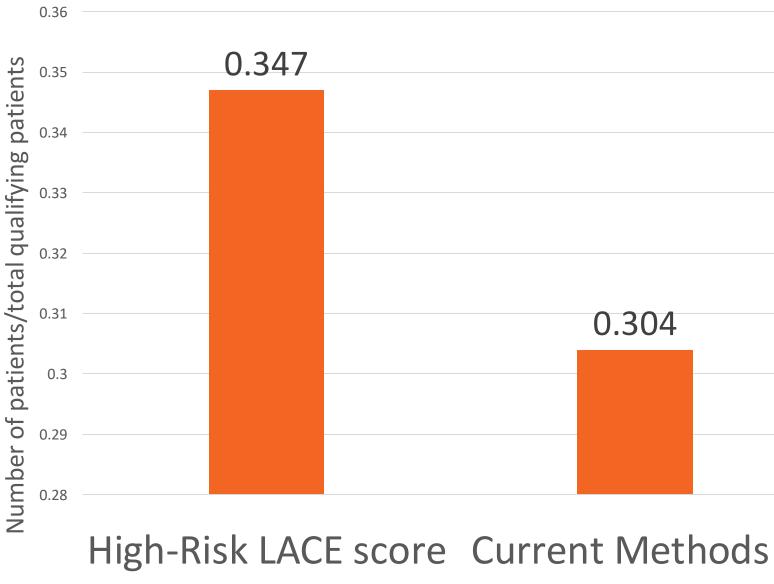
- Following with an

CE index C visit vs. received ntification

OC visit by

RESULTS

Primary Endpoint



43/124 (34.7%) had a LACE index score 10 or more and received a TOC visit whi 49/161 (30.4%) received a TOC visit thro current methods (p = 0.032)

+ TOC visit

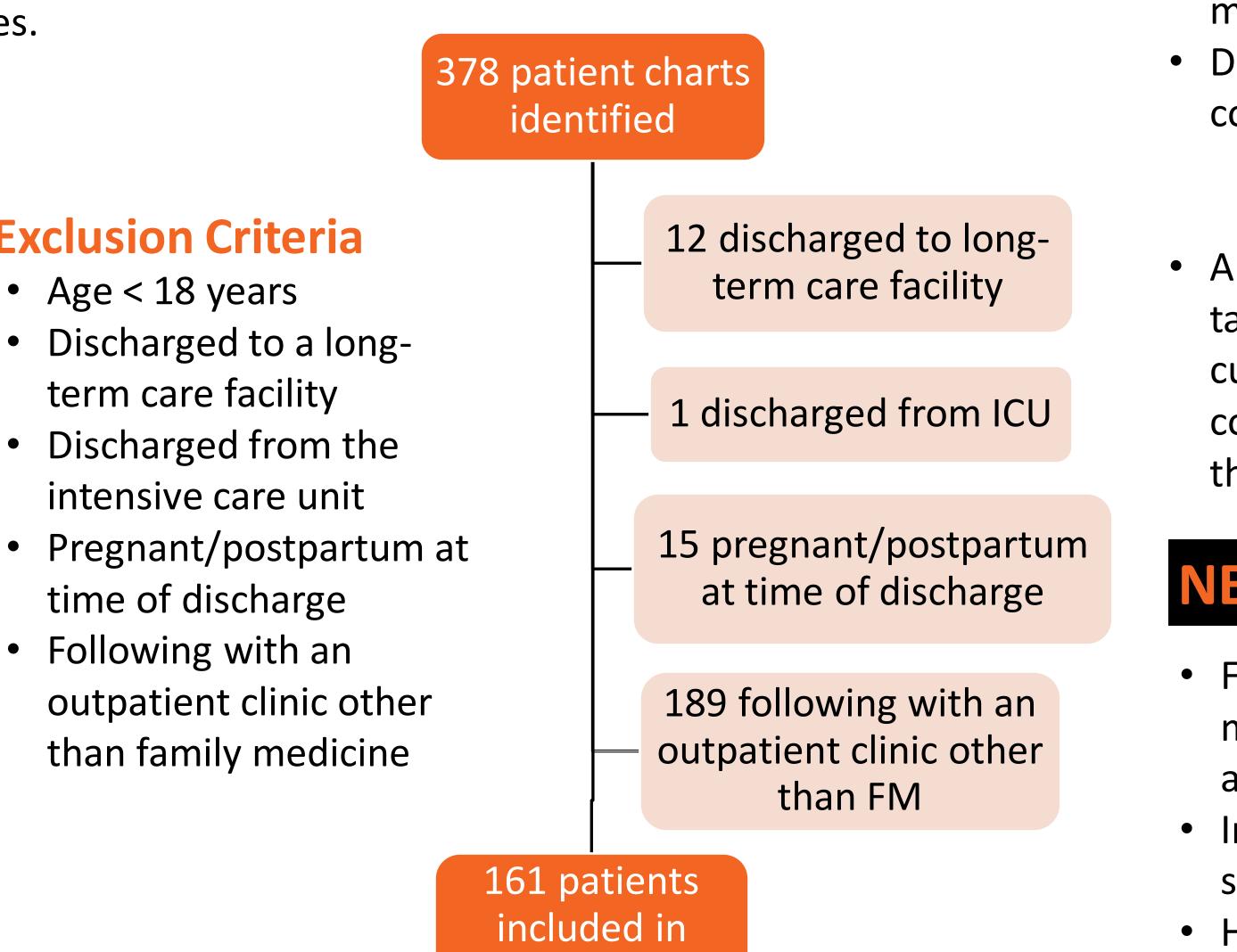


TOC Visit



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This study will be conducted as a <u>retrospective chart review</u> consisting of a cohort of patients in which LACE Index scores will be used to determine patient populations which might benefit



study

 N receiving TOC/total (%) 46/74 (62.2%) 0/68 (0%) 3/11 (27.3%)
0/68 (0%)
3/11 (27.3%)
0/8 (0%)
patients received a visit, a gap in patients who would
.001). 36 patients overall were
ithin 30 days, and 33 out of 36
at high risk for readmission
E score. Only 14 out of 36
at high risk for readmission

IRB Exempt





CONCLUSIONS

 LACE index was better able to identify patients who could benefit from a TOC visit than current methods

• Did not identify a difference in readmission rate compared to current methods

> Significant results may have been seen in a larger population

• A better method is needed to determine patients targeted for TOC visits, and payors who are not currently reimbursing for TOC visits should

consider the benefit their patients may reap from this service

NEXT STEPS

• Findings will be reviewed with relevant family medicine personnel (physicians, residents, administration, etc.)

• Investigators plan to publish the findings of this study

• Hopefully more robust TOC services can be implemented in the near future

SCLOSURE STATEMENT

authors of this presentation have anything to disclose ncerning possible financial or personal relationships with mmercial entities that may have a direct or indirect interest in e subject matter of this presentation.

EFERENCES

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