DEFINING AND IDENTIFYING VULNERABILITY AT DISCHARGE: KEY CONSIDERATIONS AND APPROACHES IN THE EMERGENCY DEPARTMENT (ED)

WONGEL BOGALE

2ND YEAR FLEX PROJECT

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OUTLINE

- Objectives
- Approach to the Literature Review
- Results from the Literature Review
- Future directions
- Other activities

OBJECTIVES

- Learn how to create Provincial Emergency Patient Information Resources (PEPIRs)
- Learn how to conduct an environmental scan and literature review

APPROACH TO THE LITERATURE REVIEW

Initial questions

- Markers in the literature we can use to identify return to ED
- Markers of vulnerability to ED discharge
- Role of vitals signs during pre-discharge process

Focus

- Defining a Vulnerable and High-risk Discharge
- Markers to Identify Vulnerability to ED Discharge
- Next Steps after Identifying Vulnerability
- Current Gaps and Future Explorations

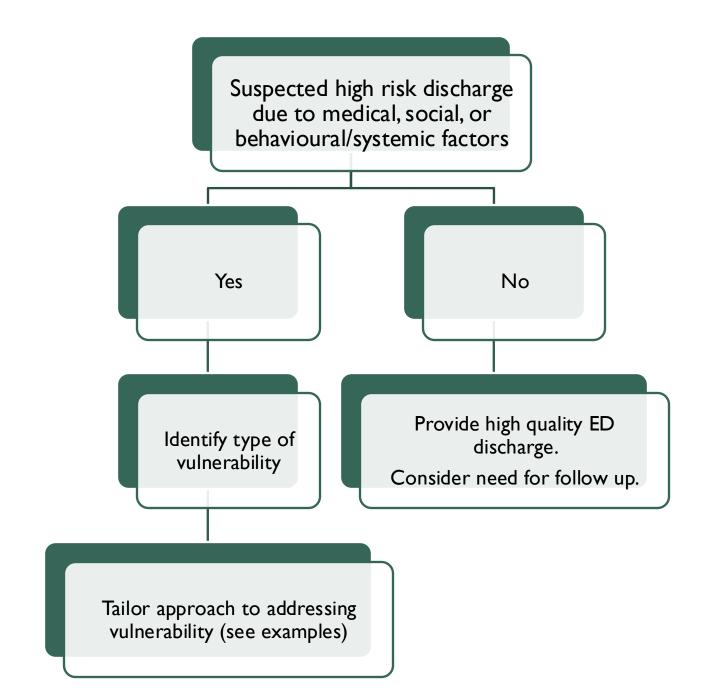
DEFINING A VULNERABLE AND HIGH-RISK ED DISCHARGE

- High-risk discharge from the ED→ negative patient health outcomes + health system inefficiencies
- A high-risk discharge from the ED happens when a patient is more likely to have health problems or needs more care after leaving the hospital
- Increased age, medical complexity, and poor mental health are well known factors that are related to vulnerable and high-risk ED discharges¹⁻⁵
- Patients experiencing unstable housing⁶, those with limited health literacy⁷, and individuals facing language barriers are also particularly vulnerable to ED recidivism

MARKERS TO IDENTIFY VULNERABILITY TO ED DISCHARGE

- Increasing age
- Unstable housing
- Comorbidities
- Polypharmacy
- Cognitive impairment
- Abnormal vital signs
- Limited health literacy

DECISION SUPPORT TOOL FOR IDENTIFYING VULNERABILITY TO ED DISCHARGE



MARKERS TO IDENTIFY VULNERABILITY TO ED DISCHARGE

Medical markers

- Frequent ED visits/hospital admissions
 - Patient education on management of chronic condition
 - Follow up support
 - Connection with primary care
- Increased age
 - Identification of Seniors at Risk (ISAR) tool to identify a high-risk subgroup amongst all seniors presenting to the ED
 - Follow up support
- Multiple comorbidities
 - Patient education on management of chronic condition

- Cognitive impairment
 - Community outreach programs or case management services
 - Social work involvement
- Polypharmacy
 - Consider medication reconciliation
- Substance use disorder
 - Connection with substance use support services
- Abnormal vital signs
 - Re-measure, monitor

MARKERS TO IDENTIFY VULNERABILITY TO ED DISCHARGE

Social markers

- Unstable housing
 - Social work involvement; connection with social programs, assistance with transitional housing
 - Connection to primary care or mobile health clinics
- Lack of social support
 - Connection to community outreach programs or case management services
 - Follow up support
- Limited health literacy
 - Follow up support

Behavioural/systemic markers

- Lack of primary care provider or follow-up
 - Connection to primary care or mobile health clinics
 - Connection to community outreach programs

CURRENT GAPS AND FUTURE EXPLORATIONS

- Patient-reported experiences and outcomes offer valuable insight into discharge process
 - Incorporation of real-time patient feedback into discharge processes
- Site-specific evaluations of reoccurring diagnoses and symptoms → targeted interventions to improve ED outcomes

OTHER FLEX ACTIVITIES

- **PEPIRs**
 - Deep Vein Thrombosis
 - Humerus, Ankle, and Nose fractures

Nasal Fracture

A nasal fracture or broken nose is common and can result from a forceful hit to the nose. Causes include a fall, traffic accident, sports injury or physical altercation. Sometimes, surgery may be needed to correct a nose that has been bent out of shape by the injury

or causes difficulty with breathing. Serious nose injuries cause problems that need a health care provider's attention right away, where minor injuries may need follow up with a health care professional to monitor proper healing.

Go to a pharmacist, or call 811 (711 for deaf or hard of hearing) if:

Go to the nearest Emergency Department or Urgent Care if you

 You have guestions about your medication & condition · You need to refill or renew your medication



What to Expect

Symptoms of a nasal fracture include:

- · Pain and/or swelling
- Bloody nose (epistaxis)
- · Difficulty breathing through the nose
- Misshapen appearance
- · Bruising around the nose and eyes

When to Get Help

Recommended Follow-Up

Follow up in ___ days.

Name of Provider Reason Location Contact Info

Symptoms of an ankle fracture include:

can take several weeks to a few months.

What to Expect

Ankle Fracture

A broken ankle, also called an ankle fracture, is a common

injury. It can happen from a misstep, a fall, or from a more

serious reason like a car accident. A broken ankle can be

very painful and usually needs medical attention right away. A

health care provider will check how serious the break is and may treat it with a cast, walking boot, or sometimes surgery. Follow-up visits may

also be important to make sure the ankle is healing correctly. Recovery

- · Immediate pain
- · Swelling and/or bruising
- · Pain when walking or when putting weight of
- · Abnormal appearance (ankle that looks be distorted, rotated, or out of place)





When to Get Help

See a pharmacist, or call 811 (711 for deaf or hard of hearing) if:

- · You have guestions about your medication
- · You need to refill or renew your medication

Go to the nearest Emergency Department, Urgent Care or call 911 is you experience:

- · New severe or increased pain that is not controlled by your
- · Numbness, tingling, or loss of feeling in your foot or toes
- · Blue, pale, or cold toes
- . Excessive swelling that does not improve with rest, ice, or elevation

Location Contact Info

Reason

Date/Time

Recommended Follow-Up

□ Follow up in ___ days.

Name of Provider

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· Increased pain or nosebleed

· You have difficulty breathing

· Clear fluid drains from the nose



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whom it was given by the health care team. This information does not replace the advice given to you by your health care provider.

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The information in this document is intended solely for the person to whom it was given by the health care team. This information does not replace the advice given to you by your health care provider.

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QUESTIONS



THANK YOU!