

### **CAPTURE** Falls

Dawn Venema, PT, PhD Victoria Kennel, PhD Matt McManigal, BS, MS

**University of Nebraska Medical Center** 



## Learning Objective

 Describe the CAPTURE and CATCH RURAL Falls programs and methods to engage with each program



### Acknowledgements: Funding



This project is supported by: Medicare Rural Hospital Flexibility Program subgrant contracts #69460-04, #69595-04, #73918-04, #38725-Y3, #45364-Y3, #50796-Y3, #57119-Y3, #63116-Y3, and #69509-Y3 from the Nebraska Department of Health and Human Services, Division of Public Health and the Nebraska Office of Rural Health. (2015 – present)

AHRR Agency for Healthcare Research and Quality

#### Advancing Excellence in Health Care

This project builds from a previous project supported by grant number R18HS021429 from the Agency for Healthcare Research and Quality. The content is solely the responsibility of the authors and does not necessarily represent the official views of the Agency for Healthcare Research and Quality. (2012 – 2015)



## Introductions - UNMC Team



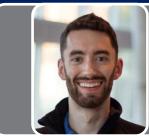
### Dawn Venema, PT, PhD

- Physical Therapist
- 20+ years of experience in geriatric physical therapy; provides the clinical perspective of fall risk reduction



### Victoria (Vicki) Kennel, PhD

- Industrial Organizational Psychologist
- 10+ years of experience in organizational psychology; provides the human behavior, team, organizational, and quality improvement perspective



### Matt McManigal, BS, MS

- Systems Engineering, Patient Oriented Research
- Provides the expertise in analysis, organization, and presentation of data



## **CAPTURE Falls Program**

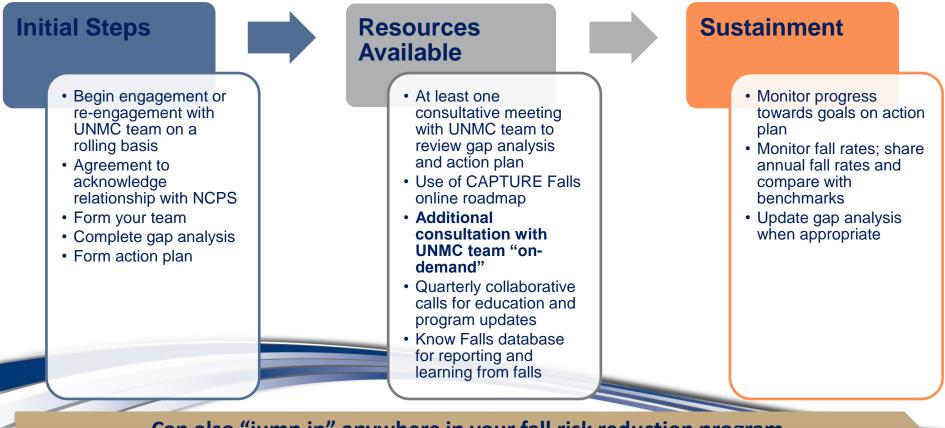
## <u>Collaboration and Proactive</u> Teamwork <u>Used to Reduce</u> Falls

CAPTURE Falls is a quality improvement program to support the implementation of evidence-based fall risk reduction practices using an interprofessional team approach to reduce the risk of inpatient falls in critical access hospitals



### How to Engage with the CAPTURE Falls Program

### We are here to support YOU!



Can also "jump in" anywhere in your fall risk reduction program for focused topic-specific support



### Relationship with the Nebraska Coalition for Patient Safety (NCPS)

- UNMC CAPTURE Falls is an analytic subcontractor for NCPS – by working with us, you are working with a Patient Safety Organization (PSO)
  - Confidentiality and privilege protections of the Federal Patient Safety and Quality Improvement Act of 2005 apply to our work with hospitals
  - Reporting burden for hospitals who report to both NCPS and UNMC CAPTURE Falls is reduced
  - UNMC CAPTURE Falls and NCPS work together to enhance knowledge about fall events



### Relationship with the Nebraska Coalition for Patient Safety (NCPS)

- Hospitals that participate in UNMC CAPTURE Falls sign an agreement with UNMC
  - Acknowledges our relationship with NCPS
  - Discloses that we share fall event data with NCPS for those hospitals who are NCPS members
  - Discloses the potential we will use de-identified fall event data for research via a UNMC Institutional Review Boardapproved data registry



### Fall Risk Reduction Program Gap Analysis

- Fall Risk Reduction Program Assessment tool:
  - <u>https://www.unmc.edu/patient-</u> <u>safety/ documents/fall-risk-reduction-program-</u> <u>assess.pdf</u>
  - Can also share a link to complete electronically through REDCap
- Conduct an honest assessment of the current state of your fall risk reduction program and its performance



https://www.unmc.edu/patient-safety/capturefalls/roadmap/gap-analysis/index.html

## **CAPTURE Falls Roadmap**

Roadmap

### https://www.unmc.edu/patient-safety/capturefalls/roadmap/index.html

### 

Welcome to the CAPTURE Falls "roadmap." This roadmap provides an organizing framework of activities, educational resources, and tools to help you improve your fall risk reduction program. Different hospitals may want or need to visit different stops along the way (see stops below). Every hospital, however, is ultimately working towards the same destination of keeping their patients safe from falls and fall-related injury.

## **CAPTURE Falls Roadmap**

### https://www.unmc.edu/patient-safety/capturefalls/roadmap/index.html



#### **Establish Readiness for Change**

Explore the resolve of members of an organization to implement change to improve fall risk reduction practices, and their collective belief in their capacity ...

#### Learn More »



#### Action Plan Document and monitor the steps your team needs to take to reach your program goals.

Learn More



#### Interprofessional Fall Risk Reduction Team

Create an inter-professional fall risk reduction team responsible for managing and implementing the facility's fall risk reduction program.

#### Learn More »



#### Gap Analysis

Conduct an assessment of the current state of fall risk reduction practices in your facility compared to evidence-based best practices.

#### Learn More



Fall Risk Reduction Policies and Procedures

Set expectations and influence decisions, actions, and activities necessary for your fall risk reduction program.

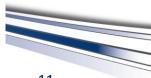
#### Learn More



**Fall Definition** 

Specify what "counts" as a fall, and differentiate various types of falls (e.g. assisted vs. unassisted) as well as injuries.

#### Learn More



## **CAPTURE Falls Roadmap**

### https://www.unmc.edu/patient-safety/capturefalls/roadmap/index.html



Fall Risk Assessment

Identify patients who are at risk for falls and recognize their respective risk factors.

Learn More



#### Fall Risk Reduction Interventions

Implement interventions to reduce the influence of patient risk factors for falls and fall-related injury.

Create a safe environment to understand the

'story' behind a fall in order to learn and take

Learn More

Post-Fall Huddle

Learn More

action to prevent a future fall.



#### Auditing Fall Risk Reduction Practices

Identify if fall risk reduction practices are being implemented as intended in your facility.

Learn More



Post-Fall Clinical Assessment

Establish a protocol to guide staff in the assessment of patients for potential injury after a fall occurs.

Learn More



Learning from Data

Use data to understand how well your fall risk reduction program is working to reduce fall risk in your facility.



Sustainment Strategies

Maintain an effective fall risk reduction program over time.

Learn More



#### Fall Event and Rate Reporting

Report and monitor falls and fall rates to track progress within your organization and allow for external benchmarking.

Learn More



Learn More



### Know Falls Database and Quarterly Fall Summary Reports



### Know Falls Database and Learning System:

 Secure, HIPAA compliant online fall event reporting and learning system

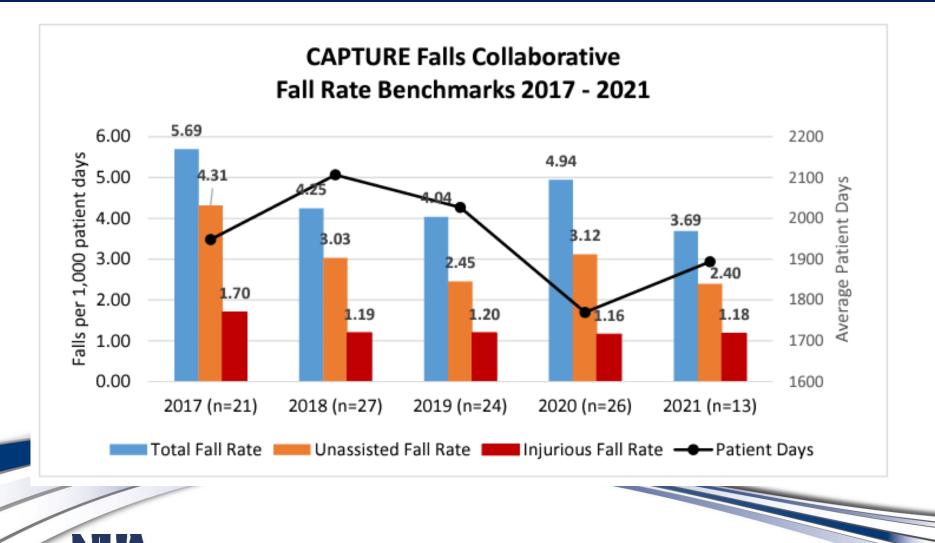
### **CAPTURE Falls Event Learning Form**:

 <u>https://www.unmc.edu/patient-</u> <u>safety/\_documents/capture-falls-event-</u> <u>form.pdf</u>

Quarterly Fall Summary Report Elements	Reported falls by admission visit type (acute, swing, observation, hospice; also outpatient, ER, ambulatory care clinic, visitor, and other)
	Reported total, unassisted, and injurious falls
(historical over time)	
	Reported falls by extent of harm and assistance
	Reported falls by day of week
	Reported falls by shift
	Completed past fall buddle forms

Completed post-fall huddle forms

## Annual Fall Rate Benchmark



### **CAPTURE Falls vs CATCH RURAL Falls**

• <u>Collaboration And Proactive Teamwork Used to REduce (CAPTURE)</u> Falls



- 10+ years of support to over 30 Nebraska Critical Access Hospitals for quality improvement of inpatient fall risk reduction
- "Capture" the patient's risk during a hospital stay
- <u>https://www.unmc.edu/patient-safety/capturefalls/index.html</u>

### <u>Coordinated Action Toward Community Health: RedUce Risk And Limit</u> (CATCH RURAL) Falls

- Logical extension of our work with hospitals to Rural Health Clinics
- "Catch" patients' risk when they have an appointment





Both efforts are funded by the NE DHHS via the Medicare Rural Hospital Flexibility Program

## CATCH RURAL Falls Program

## <u>Coordinated Action Toward</u> <u>Community H</u>ealth: <u>RedUce Risk And Limit Falls</u>

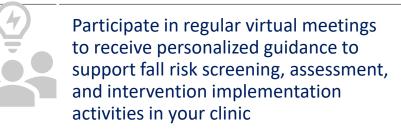
Quality improvement program for Rural Health Clinics to support the implementation of clinical fall risk screening, assessment, and intervention practices for older adult patients

16

## **CATCH RURAL Falls Program**

Complete a baseline survey to evaluate the current state of fall risk screening, assessment, and intervention activities in your clinic

Review pre-recorded educational modules on clinical and organizational aspects of implementing a fall risk management program

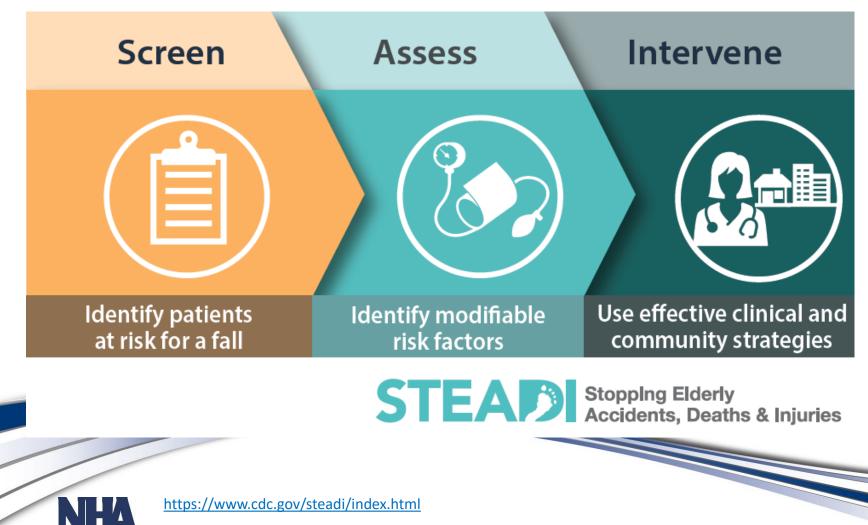




Complete a post-program survey to evaluate implementation progress and the collaborative program

17

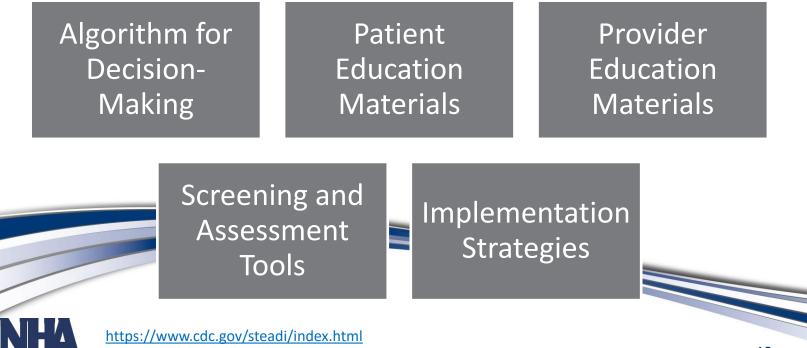
### Centers for Disease Control (CDC) STEADI Toolkit



# Education Draws from the Centers for Disease Control (CDC) STEADI Toolkit



Created for healthcare providers to support implementation of a coordinated approach to manage falls



### How to Engage with the CATCH RURAL Falls Program

- Contact Dawn Venema or Vicki Kennel
- Cohort will launch during National Falls Prevention Awareness Week (September 18-22, 2023)





Dawn Venema, PT, PhD: dvenema@unmc.edu Victoria (Vicki) Kennel, PhD: victoria.kennel@unmc.edu

