

# KHC Hospital Improvement Innovation Network

March 28, 2018  
10 to 11 a.m.

## HIIN Goals:

By September 2018, hospitals in the KHC HIIN will achieve 20% reduction in all-cause harm and 12% reduction in readmissions.



623 SW 10<sup>th</sup> Ave. • Topeka, KS 66612 • (785) 235-0763 • [www.khconline.org](http://www.khconline.org)



KHC HIIN

## Agenda

- Introductions and Announcements
- KHC HIIN Data Update
- **Post Fall Management:**  
Getting to Types of Falls, Repeat Falls,  
and Determining Preventability
- Upcoming Events

Introductions

## Special Guests



**Patricia Quigley**  
PhD, ARNP, CRRN, FAAN, FAANP  
Nurse Consultant



**Betsy Lee**  
MSPH, BSN, RN  
Cynosure Health

## KHC Staff

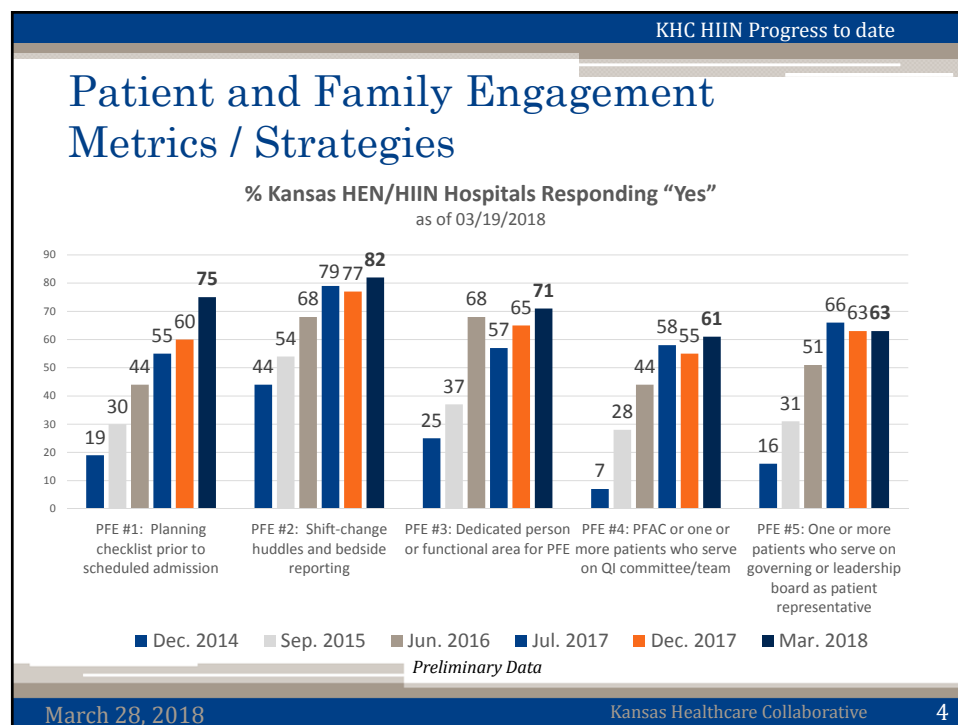


**Michele Clark**  
Program Director  
mclark@khconline.org




**Rob Rutherford**  
Senior Health Care Data Analyst  
rrutherford@khconline.org

March 28, 2018 Kansas Healthcare Collaborative 3



KHC HIIN PFA/PFAC Collaborative



KHC HIIN WORKSHOPS  
KANSAS PFA/PFAC  
COLLABORATIVE

**COHORT 4**

Regional workshops held  
March 15 in Topeka  
and  
March 16 in Great Bend

March 28, 2018

Kansas Healthcare Collaborative

5

KHC HIIN PFA/PFAC Collaborative

## 38 Kansas hospitals participating in Cohort 4

### TRACK 1

Allen County Hospital	Grisell Memorial Hospital
Ashland Health Center	Kearny County Hospital
Atchison Hospital	Kingman Community Hospital
Clara Barton Hospital	Rawlins County Health Center
Ellinwood District Hospital	Sumner County Hospital District No. 1
Goodland Regional Medical Center	Western Plains Medical Complex

March 28, 2018

Kansas Healthcare Collaborative

6

## TRACK 2

Anderson County Hospital  
Citizens Medical Center, Inc.  
Comanche County Hospital  
Edwards County Hospital  
and Healthcare Center  
Ellsworth County Medical Center  
Gove County Medical Center  
Greenwood County Hospital  
Hays Medical Center  
Hiawatha Community Hospital  
Holton Community Hospital  
Hospital District No. 1 of Rice County  
Hutchinson Regional Medical Center  
Labette Health

Lawrence Memorial Hospital  
Lindsborg Community Hospital  
Logan County Hospital  
Meade District Hospital/Artesian Valley  
Health System  
Memorial Health System  
Mercy Hospital Fort Scott  
Neosho Memorial Regional Medical Center  
Newton Medical Center  
Pawnee Valley Community Hospital  
Ransom Memorial Hospital  
Rush County Memorial Hospital  
South Central Kansas Medical Center  
Trego Co. Lemke Memorial Hospital

March 28, 2018

Kansas Healthcare Collaborative

7

## Measures & Data Update

- Milestone 6
- Overall HIIN Progress
- Focus Areas/Sprint

**Rob Rutherford**

Senior Health Care Data Analyst  
Kansas Healthcare Collaborative  
RRutherford@khconline.org  
(785) 235-0763 x1326

March 28, 2018

Kansas Healthcare Collaborative

8

## KHC HIIN Data Report Updates

The final KHC HIIN data analytic report package for March will be emailed to each hospital today.


It contains:

- Data submission monitoring report,
- Data analytic report, and
- side-by-side report showing overall progress by topic toward HIIN 20/12 goals

The HIIN Improvement Calculator is distributed quarterly to KHC HIIN primary and secondary contacts. Your hospital's updated calculator was emailed to contacts yesterday (3/27).

## Data Analytic Report Changes

- Addition of a 3-month progress summary in the detail slides.
- Addition of Harms Prevented and Harms to Go

 Progress Summary	
Overall Project	Most recent 3 Mos.
No reduction	9.64% rdx.
During the course of the HIIN project, your facility's overall rate for this measure has not improved since baseline.	Your facility's most recent three months of data reflects improvement compared to baseline for this measure.
Harms Prevented: 3 Harms to Go: 19	

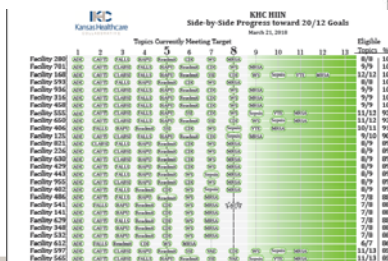
# Data Analytic Report Changes

*Special notes:*

The summary table on page 3 of your Data Analytic Report continues to reflect progress for the overall project.

### Summary of Kansas HIIN Outcome Measures

Area	Outcome Measure	Most Recent	Product Performance	Harris to Go by Sep. 2018	Harris Forecasted to Date
ADE	Nuisance Administration	02/18/18	13,540% (0)	0	1
	Hypoglycemia in Inpatients Requiring Insulin	02/18/18	13,540% (0)	0	10
GASTI	Respiratory Acidosis with pH < 7.35	12/17/17	13,540% (0)	1	0
	CAUTI rate per 1,000 Catheter Days (All) or Sept. Sept. Units	12/17/17	13,540% (0)	0	0
CLABSI	CAUTI rate per 1,000 Catheter Days - ICU	12/17/17	13,540% (0)	0	0
	CLABSI Rate per 1,000 Central Line Days (All Sept.)	12/17/17	13,540% (0)	0	0
	CLABSI Rate per 1,000 Central Line Days (ICU)	12/17/17	13,540% (0)	0	0
	Endo With Septic	02/18/18	13,540% (0)	4	0



- The side-by-side comparative report reflects progress for the entire project, not most recent three months.

March 28, 2018

Kansas Healthcare Collaborative

11

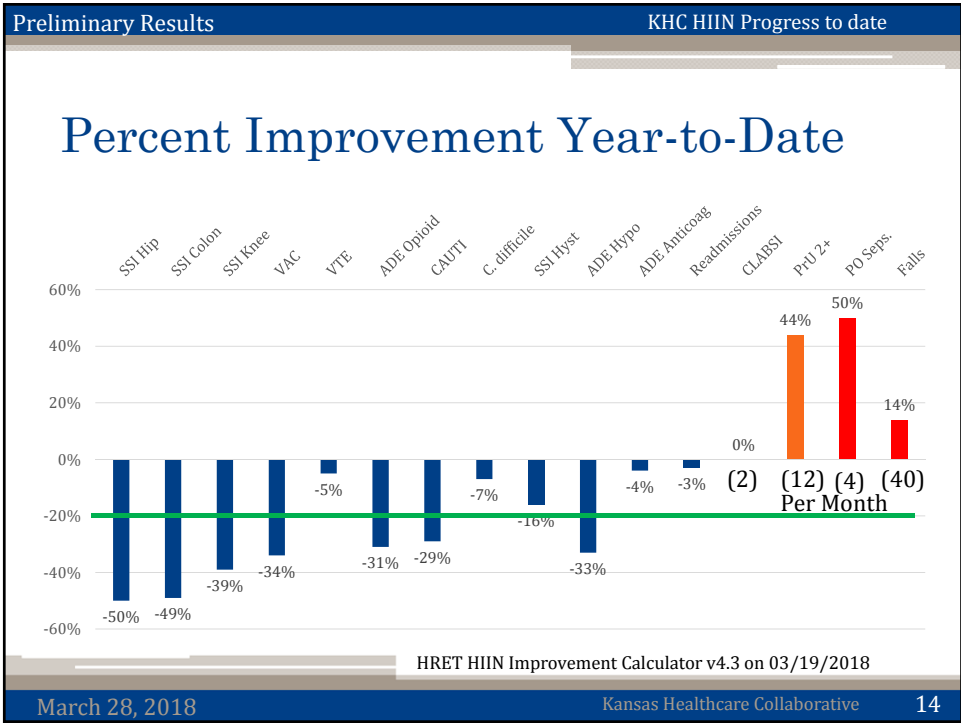
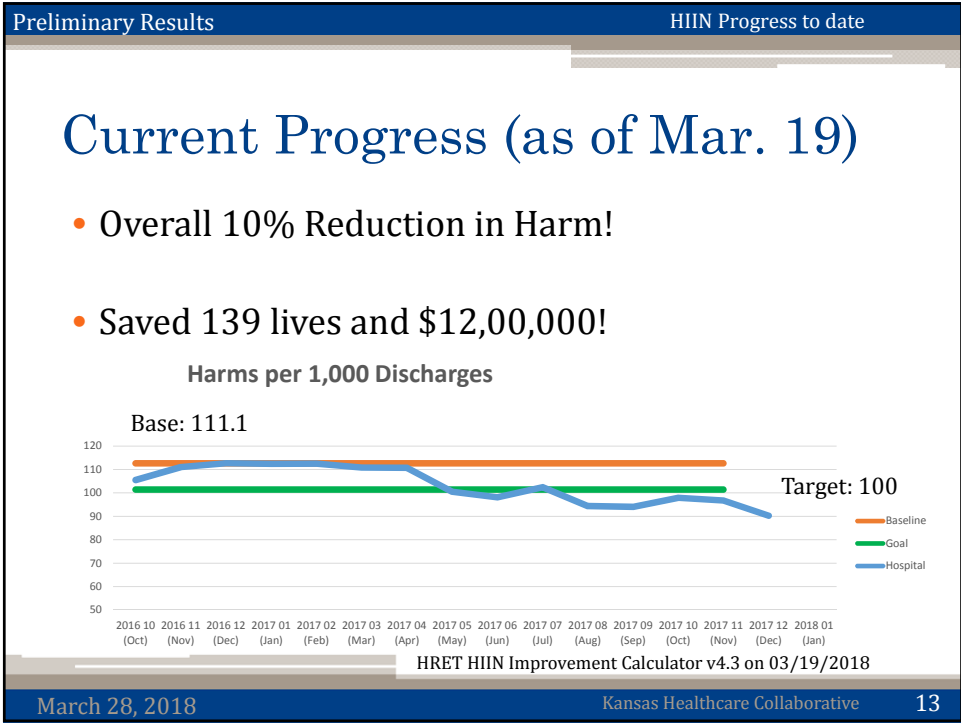
# Kansas HIIN 2016-2018 Data Submission Schedule

Outcome & Process Measures for HACs occurring in:	Readmissions for index discharges in, and SSI for procedures performed in:	Submission Due
September, 2017	August, 2017	October 31, 2017
October, 2017	September, 2017	November 30, 2017
November, 2017	October, 2017	December 31, 2017
December, 2017	November, 2017	January 31, 2018
January, 2018	December, 2017	February 28, 2018
February, 2018	January, 2018	<b>March 31, 2018</b>
March, 2018	February, 2018	April 30, 2018
April, 2018	March, 2018	May 31, 2018
May, 2018	April, 2018	June 30, 2018
June, 2018	May, 2018	July 31, 2018

March 28, 2018

Kansas Healthcare Collaborative

12



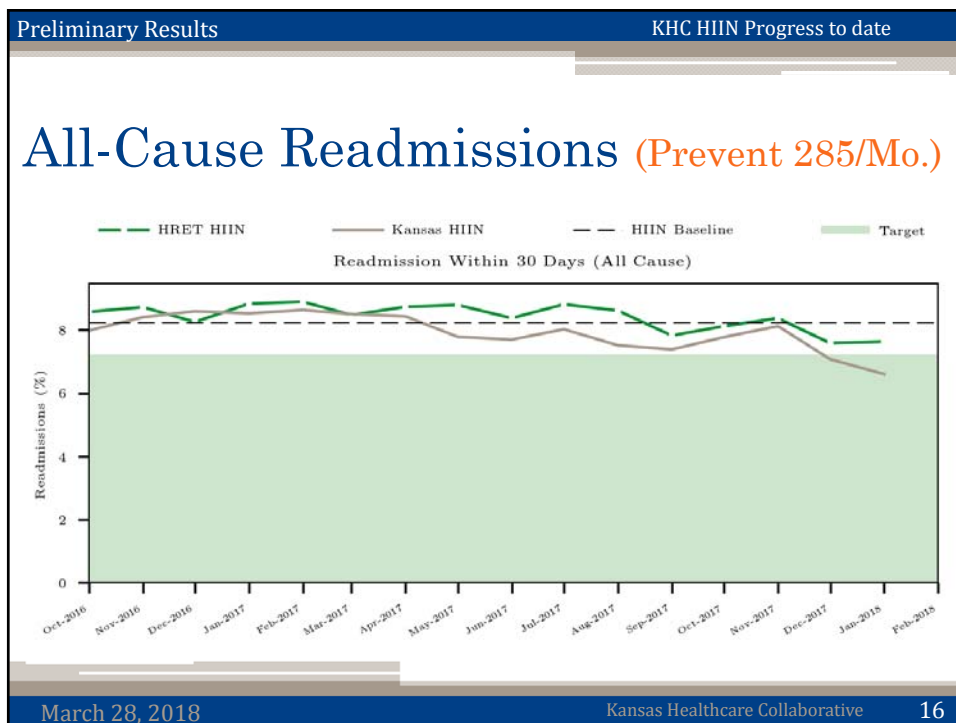
Preliminary Results KHC HIIN Progress to date

## KHC HIIN Focus Areas

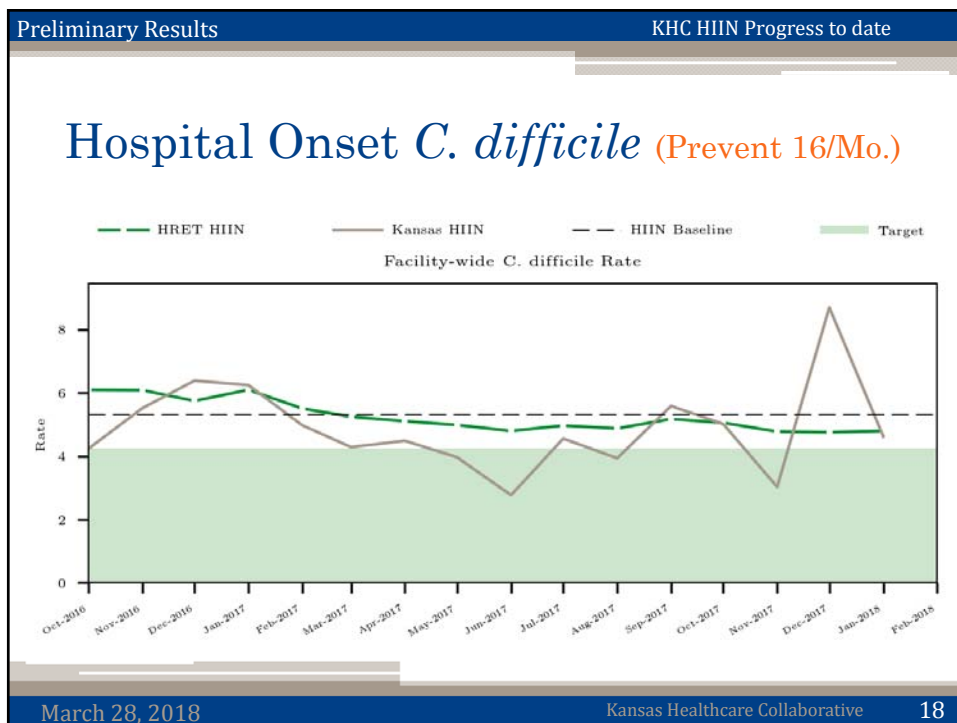
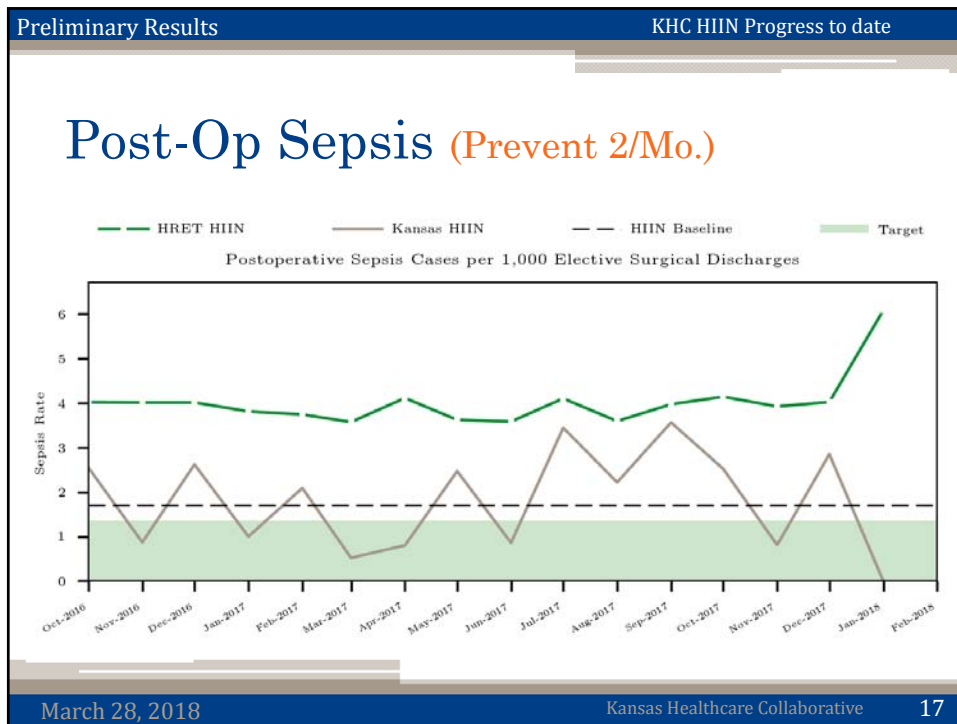
KHC HIIN Currently...

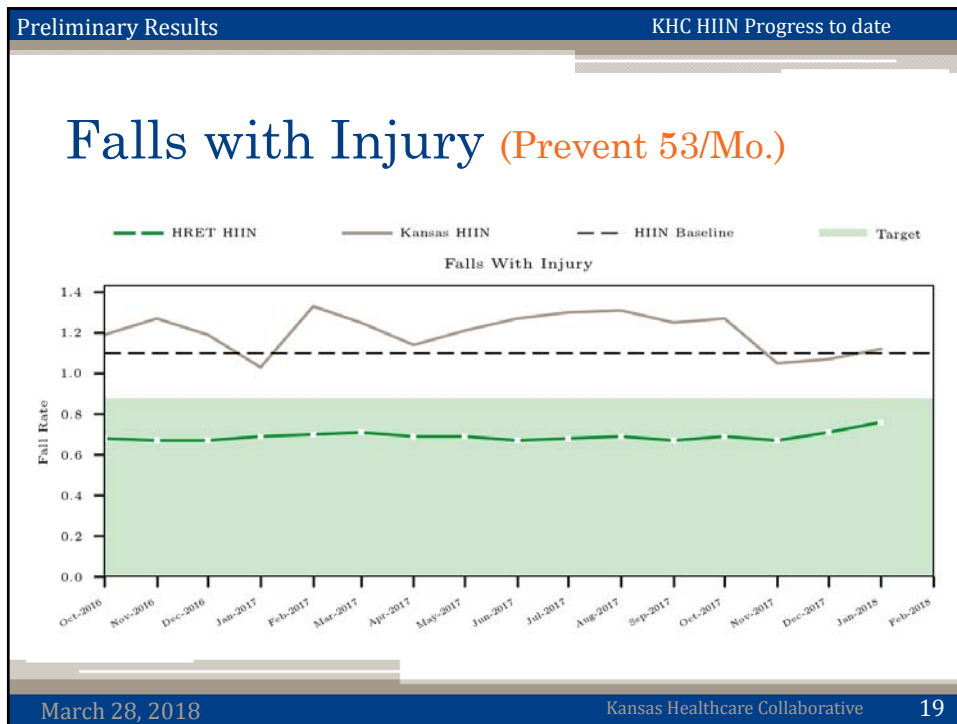
- **Readmissions** (Prevent 285/Mo.)
- **Post-Op Sepsis** (Prevent 4/Mo.)
- **CDI** (Prevent 14/Mo.)
- **Falls w/Injury** (Prevent 53/Mo.)

March 28, 2018 Kansas Healthcare Collaborative 15









## Post Fall Management: Getting to Types of Falls, Repeat Falls, and Determining Preventability

Pat Quigley, PhD, MPH, ARNP, CRRN, FAAN, FAANP  
Nurse Consultant  
Retired Associate Director, VSN 8 Patient Safety Center  
Retired Associate Chief for Nursing Service/Research

*E-Mail: [pquigley1@tampabay.rr.com](mailto:pquigley1@tampabay.rr.com)*



## Objectives

- Examine post fall practices as key intervention to reduce repeat falls
- Differentiate:
  - Post Fall Huddles
  - Post Fall Management
  - Post Fall Documentation
  - Incident Report

21



## Let's Share!

- How do you know your fall prevention program is working?
- Can you affirm that patients who fall more than once are not falling for the same reason?
- How is your post fall program working?
- How do you measure success?

22



## Post Fall Practices

---

- Post Fall Huddle
- Post Fall Assessment
- Patient/Resident/Family Education
- Staff Education

23



## Huddles

---

How Many Huddles Are You  
Doing?

24



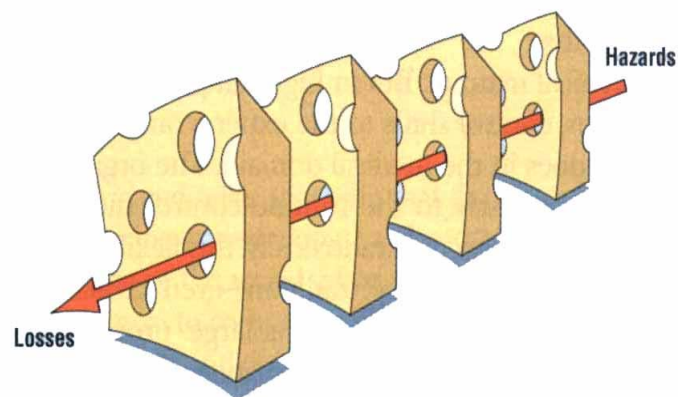
## Safety Huddles

- **Pre-Shift Huddles**
- **Post Fall Huddles**
- Conducted with the patient/resident where the fall occurred within 15 minutes of the fall
- Post Fall Analysis
  - What was different this time?
  - When
  - How
  - Why
  - Prevention: Protective Action Steps to Redesign the Plan of Care

25



## Accident Theory



26



## Post Fall Huddle (PFH): Essential Components

- A brief staff gathering, interdisciplinary when possible, that immediately follows a fall event.
- Convenes within 15 minutes of the fall event
- Clinician(s) responsible for patient/resident during fall event leads the PFH
- Involves the patient/resident whenever possible in the environment where the patient/resident fell
- Requires Group Think to discovery what happened.
- Utilizes discovery to determine the root cause / immediate cause of the fall: why the patient/resident fell.
- Guiding question to ask: **What was different this time you were doing this activity, compared to all the other times you performed the same activity (and did not fall), but this time you fell?**

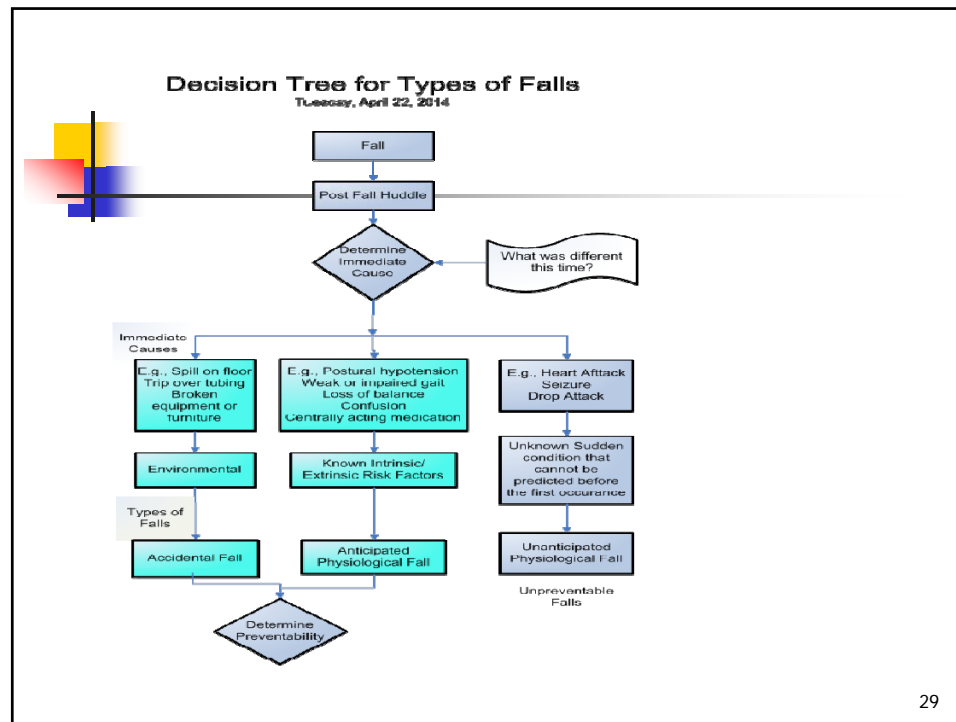
27



## Steps to the Post Fall Huddle

1. TL makes announcement
2. Convene within 15 mins with the pt/resident in the environment where the patient/resident fell
3. Conduct Analysis: **Determine root cause of fall, injury and Type of Fall**
4. TL summarizes information gleaned from PFH and intervention(s) for prevention of repeat fall are decided by the huddle team.
5. TL completes of the Post-Fall Huddle Form and processes the form according to medical center policy and procedure.
6. Modifies the fall prevention plan of care to include interventions to prevent repeat fall
7. Communicate updated plan of care in patient/resident hand-off reports.
8. Complete EMR Post Fall Note

28



## Determine Preventability

**Step 1: Conduct the Post Fall Huddle.**  
**Step 2: Determine the Immediate Cause of the Fall.**  
**Step 3: Determine the Type of Fall.**  
**Step 4: If Accidental and Anticipated Physiological Falls, determine Preventability:**

*Could the care provider (direct care provider) have anticipated this event with the information available at the time?*

- If the Answer is **NO**, the fall is Not preventable.
- If the answer is **YES**, the provider must ask another question: *Were appropriate precautions taken to prevent this event?*
- Answer:
  - No, Clearly or likely Preventable;
  - Yes, Clearly or likely Unpreventable

Levinson, D. R., (2010, Nov). Adverse events in hospitals: National incidence among Medicare beneficiaries. DHHS. OEI-06-09-00090

30



## Post Fall Huddle Form

- Don't Morph This Form to Be Something Else

31



## Outcomes of Post Fall Huddles

- Specify Root Cause (proximal cause)
- Specify Type of Fall
- Identify actions to prevent reoccurrence
- Changed Planned of Care
- Patient / Resident (family) involved in learning about the fall occurrence
- Prevent Repeat Fall
- Reduce Repeat Fall Rate

32



## Post Fall Huddle Resources



VA: Falls Toolkit

Post Fall Huddles

[www.patientsafety.va.gov](http://www.patientsafety.va.gov)

AHRQ Falls Toolkit 2013

33

## Tools



- Post Fall Huddle Process
- Decision Tree
- Post Fall Huddle Form
- Determine Preventability
- Case Study Exercises

34



## Outcomes of Post Fall Huddles

- Specify Root Cause (proximal cause)
  - Specify Root Cause of Injury
  - Specify Type of Fall
- Identify actions to prevent reoccurrence
- Changed Planned of Care
- Patient/Resident (family) involved in learning about the fall occurrence
- Prevent Repeat Fall

35



## Formative Measures

- Structures:
  - Who attends: Nursing and others – Count them
  - Changed Plan of Care: Add actions to your run-chart: Annotated run chart; Capture interventions
- Processes:
  - Timeliness of Post Fall Huddle (number of minutes)
  - Timeliness of changing plan of care
  - Time to implemented changed plan of care

36



## Summative Outcome

---

- Prevent Repeat Fall: Same Root Cause and Same Type of Fall
- Reduce costs associated with falls and fall related injuries

37



## Post Fall Assessment

---

Different than a Huddle!

38



## Post Fall Assessment

- In-depth Data Gathering
- Circumstances of the Fall
- Patient/Resident Presentation
- Assessment of Patient/Resident Condition

39



## Comprehensive Post-Fall Assessment

Includes:

- General information about the fall
- Subjective & objective falls documentation
- Patient/Resident Assessment – vital signs; visible signs of injury (type & pain scores); glucometer (if diabetic or facility policy); Glasgow Scale (if suspected brain injury) and Morse Falls scale
- Interventions based on Fall Risk Scale/ Morse falls scale
- Facility personnel and family notification

40

## Post-Fall Assessment: History: Review of Systems

- Patient Symptoms to Elicit on History Linked to Risk Factors

Symptom	Fall Risk Factor
Visual disturbance (double vision, blurry vision, loss of vision)	Visual impairment?
Dizziness/lightheadedness	Orthostatic hypotension? Abnormal vital signs?
Leg weakness	Gait or balance instability?
Urinary urgency or frequency	Urinary incontinence?
Syncope/loss of consciousness	One or more chronic diseases

41

## Post Fall Note (EMR)

### GENERAL INFORMATION ON FALL

Age: 108

Gender: MALE

Date/Time of Fall: \*

Has patient already fallen today? \* ☐ Yes. ☐ No. ☐ Unknown.

### Location of Fall:

- ☐ Patient/Resident Room  
☐ Patient/Resident Bathroom  
☐ Shared Bathroom  
☐ Hallway  
☐ Patient/Resident Lounge  
☐ A Non-Nursing Department -

If non-nursing department, can type in location of fall

### Fall Witnessed:

- ☐ No  
☐ Yes

Fall Witnessed – Yes or No (i.e. no other choices or drop-downs)

42

## Gen Info

### GENERAL INFORMATION ON FALL

Age: 109  
Gender: MALE  
Date/Time of Fall: \*  
Has patient already fallen today? ☐ Yes. ☐ No. ☐ Unknown.

#### Location of Fall:

- ☐ Patient/Resident Room  
☐ Patient/Resident Bathroom  
☐ Shared Bathroom  
☐ Hallway  
☐ Patient/Resident Lounge  
☐ A Non-Nursing Department -

#### Fall Witnessed:

- ☐ No  
☐ Yes

#### Patient/Resident Assisted to Minimize Fall:

- ☐ No  
☒ Yes

#### Category of Person Who Minimized Fall:

- PN  
LVM/LPN  
NA/UAP  
Other Professional Staff  
Sitter  
Another Patient  
Visitor  
Other:

If pt/resident assisted to minimize fall – these are answer options for 'Yes' selection; added PT, OT

43

#### Patient/Resident Restrained at Time of Fall:

☐ No

☒ Yes

Comment:

- ☐ Limb Restraints  
☐ Vest Restraints  
☐ Side Rail Restraints  
☐ Blanket Restraints  
☐ Mittens  
☐ Locked Leather Restraints  
☐ Other Restraints: \*

Options if 'Yes' selected for pt/resident restrained at time of fall

#### PATIENT/RESIDENT DESCRIPTION OF THE FALL

##### Patient/Resident's Statement of What Occurred:

\*

#### PATIENT/RESIDENT ASSESSMENT POST FALL

##### Nursing Observations:

(Please describe your observations of the patient and of the environment when arriving on the scene.)

##### Patient/Resident:

\*

Text boxes for pt/resident description of what occurred, as well as nursing description of pt/resident & environment at time of fall

44

PATIENT/RESIDENT ASSESSMENT POST FALL

Nursing Observations:  
(Please describe your observations of the patient and of the environment when arriving on the scene.)

Patient/Resident:

Environment:

Vital Signs (Pulse/Blood Pressure)

☒ Routine VS (If unable to take orthostatic VS)

Pulse:

Blood Pressure:

Respirations:

Enter routine Vital Signs (VS) if unable to take orthostatic VS

45

Environment:

Vital Signs (Pulse/Blood Pressure)

☒ Routine VS (If unable to take orthostatic VS)

☒ Orthostatic VS (If patient condition permits)

Pulse:

Blood Pressure:

Take BP/P in two positions:  
Lying --> Standing  
OR  
Lying --> Sitting (if patient is unable to stand or becomes symptomatic when sitting).

Initial: Lying: (Have patient lie flat for two to five minutes before taking lying VS)

Pulse:

Blood Pressure:

Immediate Change in Position:  
(Take BP/P upon immediate change in positions, lying to standing or lying to sitting)

☐ Standing:  
Pulse:   
Blood Pressure:

☐ Sitting: (If unable to stand)  
Pulse:   
Blood Pressure:

☐ Unable to take due to fact that patient/resident can't tolerate upright position

Clicking on 'orthostatic VS' opens instructions and ability to document vitals

46

**Reminder Dialog Template: NURSING POST FALL ASSESSMENT (595-DT-336)**

(Ref: Initial orthostatic hypotension is characterized by a BP decrease of more than 40 mm Hg immediately on standing. BP then spontaneously and rapidly returns to normal so that the period of hypotension and symptoms is short. Classic orthostatic hypotension is characterized by a decrease in SBP of 20 mm Hg or greater and in diastolic BP of 10 mm Hg or greater within 3 minutes of standing. (Cronin and Kenny, 2010. Cardiac causes of falls. Clinics in Geriatric Medicine))

Repeat standing or sitting  
(Take BP/P three minutes after immediate position change)

☐ Standing:  
Pulse:   
Blood Pressure:

☐ Sitting: (If unable to stand)  
Pulse:   
Blood Pressure:

☐ Unable to take due to fact that patient/resident can't tolerate upright position

Orthostatic BP Reference/instructions

47

**Glucometer Reading**

Is patient/resident diabetic?  
(If not diabetic but reading was taken, you may enter)

☐ No

☒ Yes

Glucometer Reading \*

Is Patient/Resident Hypoglycemic? (blood glucose level equal to or below 70 mg/dl)

☐ No

☐ Yes

48



Visible Signs of Injury:

☐ No

☒ Yes (Select all that apply)

☒ Swelling:

Location: (Select all that apply)

☐ Torso - Front

☐ Torso - Back

☐ Head

☐ Neck

☐ Shoulder - Right

☐ Shoulder - Left

☐ Arm - Right

☐ Arm - Left

☐ Elbow - Right

☐ Elbow - Left

☐ Wrist - Right

☐ Wrist - Left

☐ Hand - Right

☐ Hand - Left

☐ Hip - Right

☐ Hip - Left

☐ Knee - Right

☐ Knee - Left

☐ Leg - Right

☐ Leg - Left

☐ Foot - Right

☐ Foot - Left

If yes to visible signs of injury, type of injury can be selected (e.g. deformity); selection prompts nurse to select location on pt/resident body

49

Visible Signs of Injury:

☐ No

☒ Yes (Select all that apply)

☐ Swelling:

☐ Laceration(s):

☐ Abrasion(s):

☒ Deformity(ies):

☐ Other: \*

New Pain:

☐ Unable to verbalize

☐ No

☒ Yes

Change in Range of Motion (ROM):

☐ Unable to test due to pain

☐ No

☐ Yes

Physical assessment – New Pain – or Change in Range of Motion – If selection is 'Unable to Verbalize' or 'No', can go on to next question (includes list of locations, including other as comment with pain rating)

50

New Pain:

☐ Unable to verbalize  
☐ No  
☒ Yes

Location: (Select all that apply)

<input type="checkbox"/> Torso - Front	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Torso - Back	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Head	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Neck	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Shoulder - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Shoulder - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Arm - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Arm - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Elbow - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Elbow - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Hand - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Hand - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Hip - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Hip - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Knee - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Knee - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Foot - Right	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Foot - Left	Pain Rating: *	<input type="text"/>
<input type="checkbox"/> Other: *	Pain Rating: *	<input type="text"/>

51

New Pain – if yes, can select location and pain rating for that location (1-10) scale

Change in Range of Motion (ROM):

☐ Unable to test due to pain  
☐ No  
☒ Yes

☐ New decreased range of motion right upper extremity.  
☐ New decreased range of motion left upper extremity.  
☐ New decreased range of motion right lower extremity.  
☐ New decreased range of motion left lower extremity.  
☐ New decreased range of motion back.  
☐ New decreased range of motion neck.

NEUROLOGICAL ASSESSMENT

Patient/Resident has a suspected or actual impact to the head.

☐ No  
☒ Yes

52

Change in ROM:  
if yes, select body area involved –

If no suspected or actual head impact, select 'no' and move on

**NEUROLOGICAL ASSESSMENT**

Patient/Resident has a suspected or actual impact to the head.

☐ No  
☒ Yes

**Glasgow Coma Scale**

Information: The Glasgow Coma Scale is used to quantify the level of consciousness after traumatic brain injury and is scored between 3 and 15, 3 being the worst, and 15 the best. It is composed of three parameters: Best Eye Response, Best Verbal Response, Best Motor Response. The definition of these parameters is given below.

(The score is often expressed as a sum of individual components: E4 + V5+ M6 = 15)

Best Eye Response: \*

Best Verbal Response: \*

Best Motor Response: \*

Total Score (Select the correct Glasgow Coma Scale Score)

☐ Glasgow Coma Scale Score 13-15 (Correlates with mild brain injury)  
☐ Glasgow Coma Scale Score 9-12 (Correlates with moderate brain injury)  
☐ Glasgow Coma Scale Score 8 or less than (Correlates with severe brain injury)

53

If Suspected or actual impact to head: 'Yes' selection opens Glasgow Coma scale and guidance

Adding up the Eye, Verbal, and Motor scores correlates with mild, mod, or severe brain injury

**NEUROLOGICAL ASSESSMENT**

Patient/Resident has a suspected or actual impact to the head.

☐ No  
☒ Yes

**Glasgow Coma Scale**

Information: The Glasgow Coma Scale is used to quantify the level of consciousness after traumatic brain injury and is scored between 3 and 15, 3 being the worst, and 15 the best. It is composed of three parameters: Best Eye Response, Best Verbal Response, Best Motor Response. The definition of these parameters is given below.

(The score is often expressed as a sum of individual components: E4 + V5+ M6 = 15)

Best Eye Response: \*

Best Verbal Response: \*

Best Motor Response: \*

Total Score (Select the correct Glasgow Coma Scale Score)

☐ Glasgow Coma Scale Score 13-15 (Correlates with mild brain injury)  
☐ Glasgow Coma Scale Score 9-12 (Correlates with moderate brain injury)  
☐ Glasgow Coma Scale Score 8 or less than (Correlates with severe brain injury)

54

Scoring options for Best Eye Response

- 1 = No eye opening
- 2 = Eye opening to pain
- 3 = Eye opening to verbal command
- 4 = Eyes open spontaneously

NEUROLOGICAL ASSESSMENT

Patient/Resident has a suspected or actual impact to the head.

☐ No  
☒ Yes

Glasgow Coma Scale

Information: The Glasgow Coma Scale is used to quantify the level of consciousness after traumatic brain injury and is scored between 3 and 15, 3 being the worst, and 15 the best. It is composed of three parameters: Best Eye Response, Best Verbal Response, Best Motor Response. The definition of these parameters is given below.

(The score is often expressed as a sum of individual components: E4 + V5+ M6 = 15)

Best Eye Response: \*  
Best Verbal Response: \*  
Best Motor Response: \*

Total Score (Select the correct):  
☐ Glasgow Coma Scale Score  
☐ Glasgow Coma Scale Score  
☐ Glasgow Coma Scale Score

Scoring options for Best Verbal Response

- 1 = No verbal response
- 2 = Incomprehensible sounds
- 3 = Inappropriate words
- 4 = Confused
- 5 = Oriented
- 6 = Intubated

55

NEUROLOGICAL ASSESSMENT

Patient/Resident has a suspected or actual impact to the head.

☐ No  
☒ Yes

Glasgow Coma Scale

Information: The Glasgow Coma Scale is used to quantify the level of consciousness after traumatic brain injury and is scored between 3 and 15, 3 being the worst, and 15 the best. It is composed of three parameters: Best Eye Response, Best Verbal Response, Best Motor Response. The definition of these parameters is given below.

(The score is often expressed as a sum of individual components: E4 + V5+ M6 = 15)

Best Eye Response: \*  
Best Verbal Response: \*  
Best Motor Response: \*

Total Score (Select the correct):  
☐ Glasgow Coma Scale Score  
☐ Glasgow Coma Scale Score  
☐ Glasgow Coma Scale Score

Best Motor Response

- 1 = No motor response
- 2 = Extension to pain
- 3 = Flexion with pain
- 4 = Withdrawal from pain
- 5 = Localizing pain
- 6 = Obeys commands

56

☒ Patient/Resident forgets limitations (Mental Status Assessment) - (positive response to Morse Fall Scale Question #6)

choose at least one

- ☐ Re-educate/reminders regarding safety
- ☐ Move closer to Nurses' Station
- ☐ Provide clocks and calendars
- ☐ Use a wandering monitoring device
- ☐ Arrange for diversional activities
- ☐ Observe every one hour
- ☐ Other:

☒ Other Fall Prevention Interventions (based on clinical judgment)

\_\_\_\_\_

INJURY PREVENTION INTERVENTIONS

Injury Prevention Interventions:

Select all that apply

☐ Injury Prevention:

- ☐ Height adjustable bed (low position when resting in bed)
- ☐ Hip protectors
- ☐ Floor mat
- ☐ Helmet
- ☐ Patient Education about anticoagulation and fall occurrence
- ☐ Other:

57

INJURY PREVENTION INTERVENTIONS

Injury Prevention Interventions:

Select all that apply

☒ Injury Prevention:

- ☐ Height adjustable bed (low position when resting in bed)
- ☐ Hip protectors
- ☐ Floor mat
- ☐ Helmet
- ☐ Patient Education about anticoagulation and fall occurrence
- ☐ Other:

NOTIFICATIONS

Physician Notified:

Time of notification: \_\_\_\_\_

Name of physician notified: \_\_\_\_\_

Nursing Administrator/Nursing Supervisor Notified:

Time of notification: \_\_\_\_\_

Name of administrator/supervisor notified: \_\_\_\_\_

Family Notified:

☐ Family notified by nursing staff

Time of notification: \_\_\_\_\_

Name of family member/support person notified: \_\_\_\_\_

☐ MD responsible for notification

☐ No family members/support person listed

☐ Unable to reach family

☐ Other

Nursing Staff Notified (that the patient/resident has fallen and is at risk to fall again):

Time of notification: \_\_\_\_\_

☐ Other Corrective Actions Taken Post Fall:

Preventive intervention selections

58



## Teaching: After a Fall

- Reframe patient/resident education curricula to include "what happens after a fall".
- What can we learn from this event?
- How can we work together to prevent this again?

59



## Staff Education

- Universal Fall Prevention
- Individualized Fall Prevention
- Injury Reduction Strategies
- Root Cause Trends of Falls
- Interventions for Improvement
- Impact of Changes in Practices

60

## You Can Always Reach Me!

- Patricia Quigley, PhD, MPH, ARNP, CRRN, FAAN, FAANP, Nurse Consultant
- pquigley1@tampabay.rr.com

61

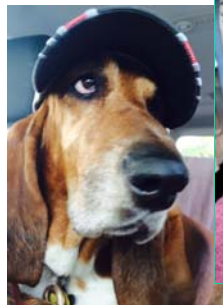
## I Fall A lot! Why?

Jethro

Mr. Goober



Oreo



62

## Resources & Upcoming Events

- Upcoming Events
- Wrap Up



**Michele Clark**  
Program Director  
Kansas Healthcare Collaborative  
mclark@khconline.org  
(785) 235-0763 x1321

March 28, 2018

Kansas Healthcare Collaborative

63

**May 15, 2018**

### **Kansas Workshop: Hospital Antimicrobial Stewardship**

*Four Points by Sheraton  
Manhattan, KS*

A team-based, program-building workshop

- Bring your hospital ASP team
- Travel scholarships are available
- Registration is now open!



<https://www.khconline.org/events/event-descriptions/326-kansas-asp-workshop>



64



Summit on Quality

*Register Today  
at [www.khconline.org](http://www.khconline.org)*

**10<sup>th</sup> Annual  
Summit on Quality**

**May 4, 2018  
Hyatt Regency - Wichita, KS**



March 28, 2018

Kansas Healthcare Collaborative

65

Summit on Quality

Keynote Presentations



**Toward a More "Human Stewardship: The Sociology of Antimicrobial Prescribing"**

Julia Szymczak, PhD, assistant professor, Department of Biostatistics, Epidemiology and Informatics, Division of Infectious Diseases, Perelman School of Medicine, University of Pennsylvania



**Pathways to Population and Community Health**

Somova Stout, MD, MS, vice president, Institute for Healthcare Improvement; executive lead, 100 Million Healthier Lives

March 28, 2018

Kansas Healthcare Collaborative

66

Upcoming Events

## Upcoming HIIN Webinars

HRET HIIN: **QI Improvement Fellowship Foundational Track**  
**March 28 • 11:00 p.m. to 12:00 p.m.**  
[Register here](#)

HRET HIIN: **QI Improvement Fellowship Accelerating Track**  
**March 28 • 12:30 to 1:30 p.m.**  
[Register here](#)

PfP Pacing Event: **Reducing Harm at Critical Access Hospitals**  
**March 29 • 12:00 to 1:00 p.m.**  
[Register here](#)

HRET HIIN: **Reducing Sepsis Readmissions Fishbowl #1**  
**April 10 • 12:00 p.m. to 1:00 p.m.**  
[Register here](#)

March 28, 2018 Kansas Healthcare Collaborative 67


Upcoming Events

## Mark Your Calendars!

**KHC HIIN Webinars**  
April 25, 2018  
May 23, 2018

*Save the Date!*  
**KHC HIIN Sepsis Champion Workshop**  
June 27 (tentative)  
Location TBA

March 28, 2018 Kansas Healthcare Collaborative 68




**Questions?**  
**Contact your KHC Team**

March 28, 2018 Kansas Healthcare Collaborative 69

Please provide feedback to this webinar  
Let us know your next steps.

<https://www.surveymonkey.com/r/KHC-HIIN-032818>



March 28, 2018 Kansas Healthcare Collaborative 70

KHC Office Phone: (785) 235-0763

Kansas Healthcare Collaborative



**Kendra Tinsley**  
Executive Director  
[ktinsley@khconline.org](mailto:ktinsley@khconline.org)



**Michele Clark**  
Program Director  
[mclark@khconline.org](mailto:mclark@khconline.org)



**Rosanne Rutkowski**  
Program Director  
[rrutkowski@khconline.org](mailto:rrutkowski@khconline.org)



**Eric Cook-Wiens**  
Data and Measurement Manager  
[ecook-wiens@khconline.org](mailto:ecook-wiens@khconline.org)



**Rhonda Lassiter**  
Executive Assistant  
[rlassiter@khconline.org](mailto:rlassiter@khconline.org)



**Chuck Duffield**  
Performance Improvement Manager  
[cduffield@khconline.org](mailto:cduffield@khconline.org)



**Alyssa Miller**  
Project Assistant  
[amiller@khconline.org](mailto:amiller@khconline.org)



**Amanda Prosser**  
Project Coordinator  
[aprosser@khconline.org](mailto:aprosser@khconline.org)



**Rob Rutherford**  
Senior Health Care Data Analyst  
[rrutherford@khconline.org](mailto:rrutherford@khconline.org)



**Jill Daughhetee**  
Quality Improvement Advisor  
[jdaughhetee@khconline.org](mailto:jdaughhetee@khconline.org)



**Jana Farmer**  
Quality Improvement Advisor  
[jfarmer@khconline.org](mailto:jfarmer@khconline.org)



**Malea Hartvickson**  
Quality Improvement Advisor  
[mhartvickson@khconline.org](mailto:mhartvickson@khconline.org)



**Devin June**  
Quality Improvement Advisor  
[djune@khconline.org](mailto:djune@khconline.org)



**Mary Monasmith**  
Quality Improvement Advisor  
[mmonasmith@khconline.org](mailto:mmonasmith@khconline.org)



**Josh Mosier**  
Quality Improvement Advisor  
[jmosier@khconline.org](mailto:jmosier@khconline.org)

March 28, 2018

Kansas Healthcare Collaborative

71

Kansas Healthcare Collaborative