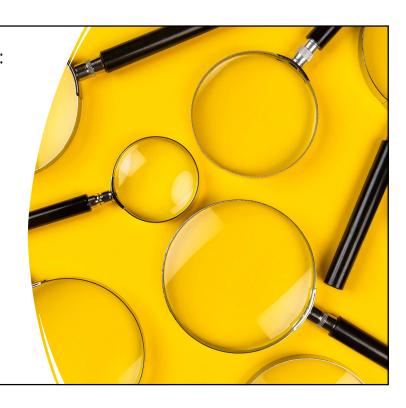
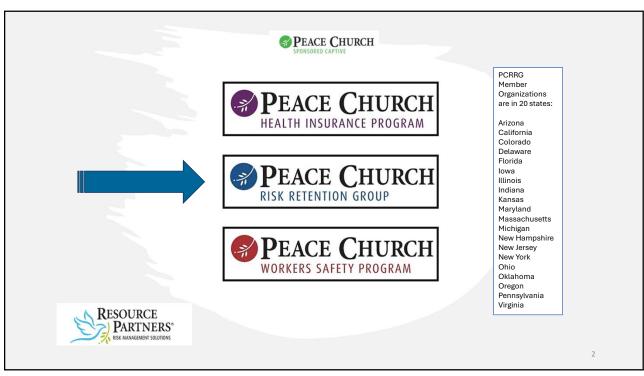
From Events to Insights: Strengthening Healthcare Safety Investigations

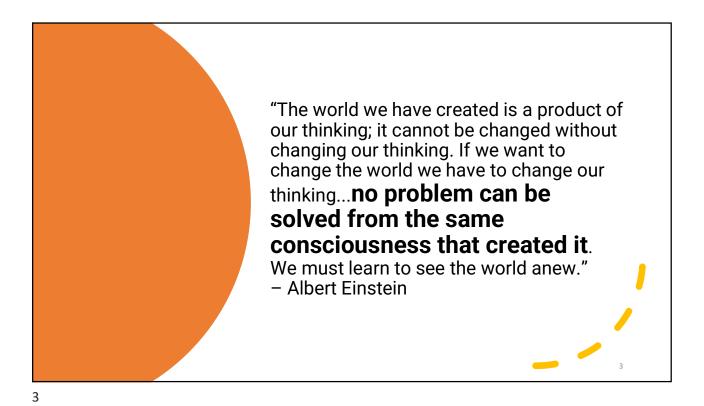
Jenny Sheckells, NHA, PCHA, CHC, CPASRM

Vice President of Risk Management, Resource Partners



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Build Build a culture of safety

Use Use root cause analysis (2)

Apply Apply human factors engineering/consider human factors

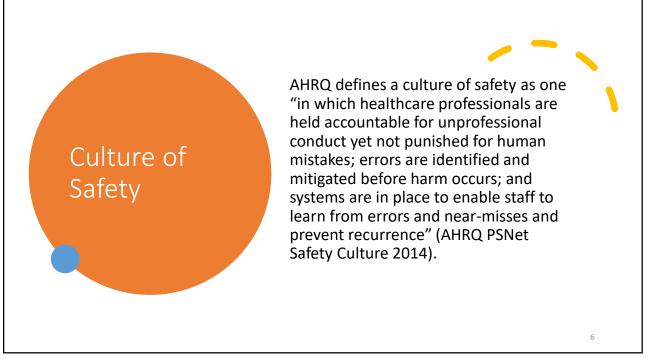
Utilize Utilize safety huddles and debriefings

Perform Perform Failure Mode and Effects Analysis (FMEA)

Leverage Leverage data analytics and reporting

Ensure Ensure strong leadership and accountability





Where is your organization on the Culture of Safety spectrum?

Gold Star

- Most, if not all, individuals feel safe reporting safety events and concerns.
- We approach incidents as an opportunity to learn and change.
- Leaders lead by example and reward or recognize others who foster just culture.
- Resources are given to try and prevent incidents before they happen.

We're Getting There

- Some individuals feel safe reporting safety events and concerns.
- We are still playing the blame game at times instead of being open to learning from incidents.
- Some leaders lead by example and others don't seem to get it.
- We have limits on the resources available to try and prevent incidents.

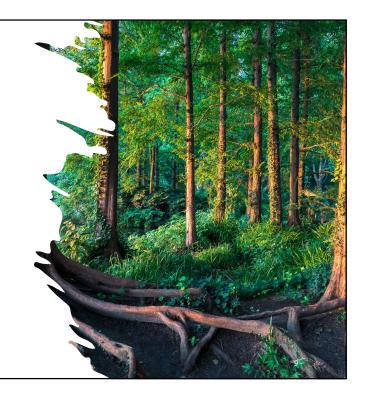
Meh

- Not many individuals report feeling safe reporting safety events and concerns.
- The blame game is still our go-to response.
- Our leaders are not always setting the best example.
- Resources? I'm lucky to have paper to print signs.

7

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Root Cause Analysis and Action (RCA2)

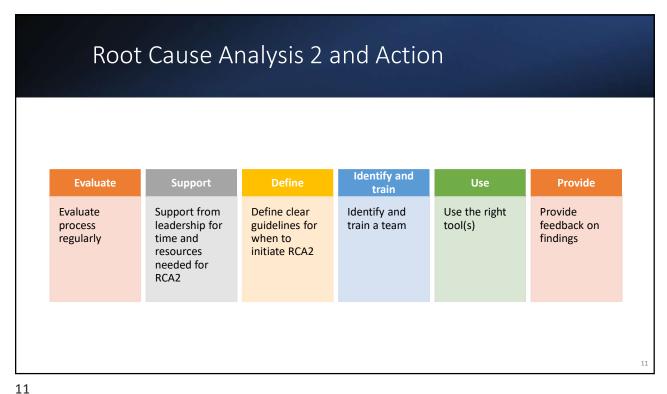
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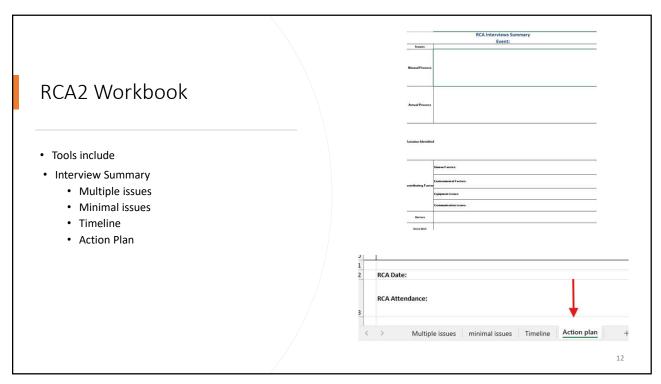
Root Cause Analysis

Root cause analysis (RCA) is a systematic process to analyze adverse events and near misses. (Rethinking Root Cause Analysis | PSNet)

Rethinking Root Cause Analysis has led AHRQ to share RCA2 – Improving Root Cause Analyses and Actions to Prevent Harm

10







RCA2: Improving Root Cause Analyses and Actions to Prevent Harm | Institute for Healthcare Improvement

<u>Patient Safety Essentials Toolkit | Institute</u> for Healthcare Improvement

13

13





HUMAN FACTORS

"By considering human factors in investigations you will gain an understanding of why people behave (and think) the way they do, so that you can prevent future events. Whilst the immediate cause just before the accident occurs may often be a human failure, there will be underlying causes that influence that failure." Martin Anderson: Creator of humanfactors101.com

Training available on human factors includes topics such as:

- Types of human failures
- Performance influencing factors people factors, work/job factors, organization/management factors
- · Mind traps or cognitive biases and decision-making

Human Factors 101 – Introduction to human factors & work psychology



Confidential and Proprietan

15

15

Human Factors Engineering

- Systems Engineering Initiative for Patient Safety – SEIPS
 - Helps to address the systemic problems of patient/resident safety
 - Integrate human factors into design of workflows, environment, and equipment
- Think about the last time you did a renovation in your skilled nursing care area
 - Input from caregivers?Residents?
 - Height of equipment or access of supplies in bathroom and bedroom?
 - Consider ergonomics of caregiver or resident in design of room or bathroom?

16



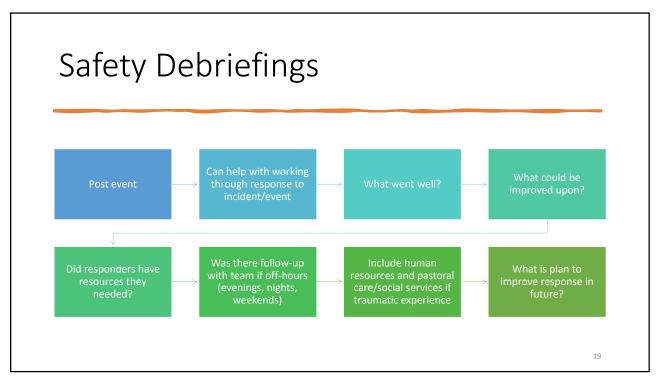
Safety Huddles and Debriefings

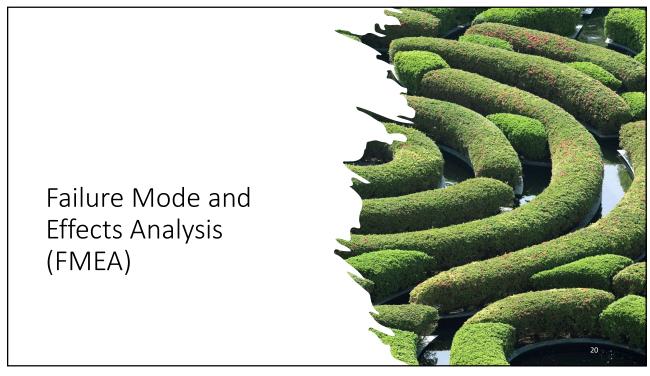
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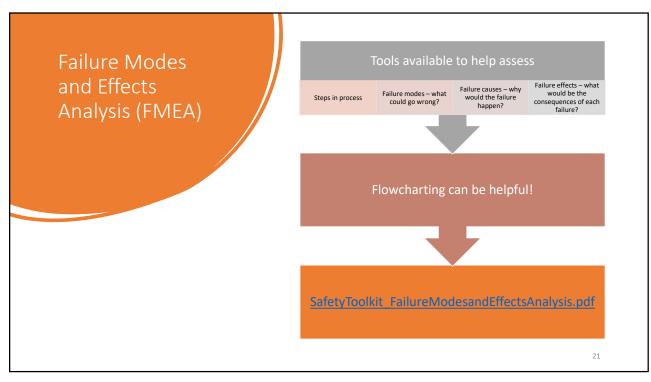
Safety huddles

- Brief focused meeting on safety concerns, risks, and strategies
- Structured can use template to review specific areas of concern
- Can be post-incident
- Should include participation across disciplines









Process not outcome

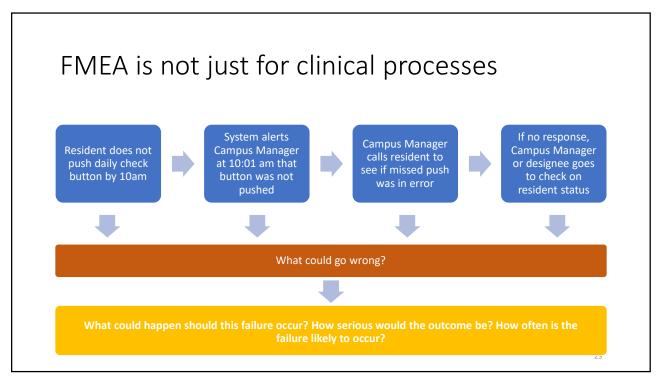
- FMEA should be used for identifiable processes
- Narrow scope
- Ask your team what processes are challenging
- Consider FMEA to evaluate new processes

Below is a quick overview of the steps of FMEA.

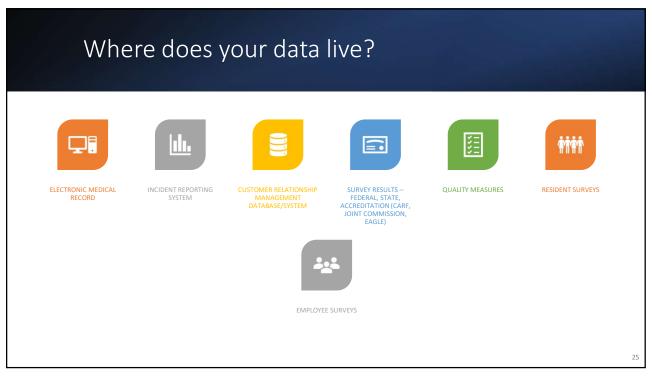
| Steps | Explanation |
|---|--|
| Select a process to analyze | Choose a process that is known to be problematic in your facility or one that is known to be problematic in many facilities. |
| 2. Charter and select team facilitator and team members | Leadership should provide a project charter to launch the team. The facilitator is appointed by leadership. Team members are people who are directly involved in the process to be analyzed. |
| 3. Describe the process | Clearly define the process steps so that everyone on the team knows what is being analyzed. |
| Identify what could go wrong during each step of the process | Here is where the people directly involved in the process describe the problems that can or do occur. |
| 5. Pick which problems to work on eliminating | The focus of improvements will be on those problems that happen quite often and/or or have a significant impact on resident safety when they do occasionally occur. |
| 6. Design and implement changes to reduce or prevent problems | The team determines how best to change the process to reduce the risk of residents being harmed. |
| 7. Measure the success of process changes | Like all improvement projects, the success of improvement actions is evaluated. |

Disclaimer: Use of this tool is not mandated by CMS, nor does its completion ensure regulatory compliance.

22



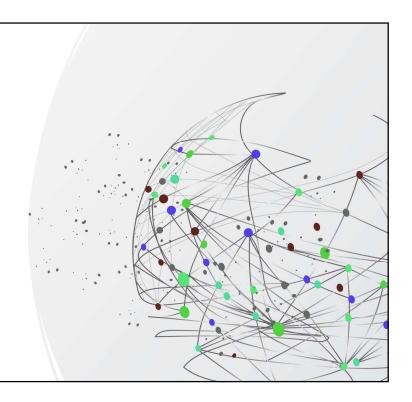




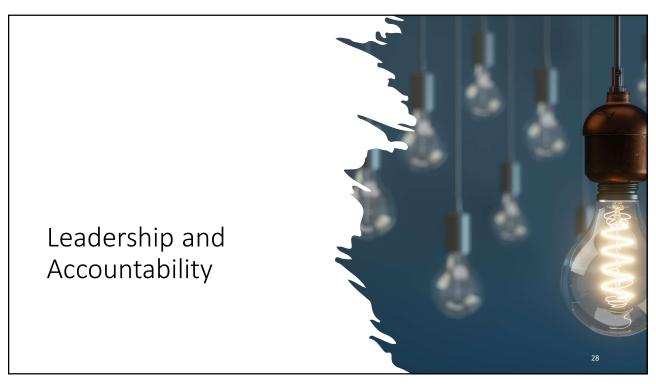


Connect the dots

- Consider factors outside of usual patterns
- Staffing? Policy changes? New process?
- Cross-departmental review
- Analysis should feel like a shared mission
- Look at feedback



27







Additional Downloadable Resources

- 6 Ways to Lead a Culture of Safety | Institute for Healthcare Improvement
- What is FMEA? Failure Mode & Effects Analysis | ASQ
- Healthcare Failure Mode and Effect Analysis (HFMEA) -VHA National Center for Patient Safety
- Guidance for Performing Failure Mode and Effects Analysis with Performance Improvement Projects
- <u>Daily Huddle Component Kit | Agency for Healthcare Research and Quality</u>



31

31

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32

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