

KENTUCKY STATE QUALITY MANAGER

Katie Pass, BS, OTA

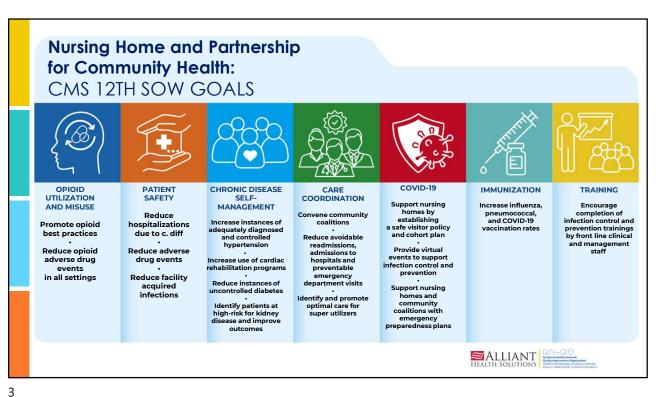
Katie is the state quality manager for Alliant Health Solutions. She oversees Kentucky. As a seasoned healthcare professional with over a decade of experience working in the long-term care industry, she is a certified occupational therapy assistant and rehab manager.

Most recently, Katie oversaw two pediatric specialty clinics in the ambulatory care setting. Her profound dedication to patient access to care has consistently set her apart, fostering positive change within healthcare ecosystems. She has a bachelors degree in healthcare leadership.

Beyond her professional life, Katie is an avid traveler, finding inspiration and diverse perspectives in every corner of the world. She also cherishes time spent with her family and has a deep love for music and attending concerts.

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Learning Objectives

- Define how/when to select a project
- Understand the steps for a good root cause analysis
- Review root cause analysis (RCA) tools
- Learn how to use RCA for improvement activities
- Explore effective goal writing
- Implement and track solutions





What does a good quality program NOT do?



Ignore the problem.





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What does a good quality program include?

Defines Quality

- Objectively monitors and evaluates to improve care and resolve problems
- Uses Standards or Best Practices

Measures Quality

- Identifies variation in standards or practices
- Uses data, quality measures, observations, assessments
- Pilot tests, Plan, Do, Study Act, Continuous Improvement

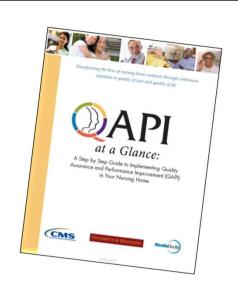
Improves Quality

- Analyzes best practices and adopts changes for improvement
- Use of an Interdisciplinary Team includes all voices in the improvement process
- Sustainability



QAPI: This is a must read!

QAPI: A process to continuously identify opportunities for improvement and address gaps in systems through planned interventions to improve the overall quality of care and services



Be proactive!

QAPI at a Glance is available online: http://cms.gov/Medicare/Provider-Enrollment-and-Certification/QAPI/Downloads/QAPIAtaGlance.pdf



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Performance Improvement Project Overview - include national guidelines and resources Root cause analysis Goal-setting with timeline Improvement data Action plan and sustainability

Start with a good root cause analysis

Performing a root cause analysis to get to the heart of the reason for the concern.

Undertaking systemic change to eliminate problems at the source.





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What is a bad root cause analysis?



It's finger-pointing time, and everyone is invited.



What causes errors?

The bad apple theory:

- Complex systems would be fine if it weren't for some unreliable people.
- Human errors cause accidents.
- Failures are surprises.

What is wrong with this approach?

- Focusing on individuals does not solve underlying problems.
- Human error is not the conclusion of an investigation, it is the beginning.



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Human factors in a root cause analysis

Human factors are about how the *design* of things impact how well we do any task:

- Design of our workplace
- Design of the tools we use
- Design of processes (how we do our work)





Root Cause Analysis

- Keep asking "why" until you have identified the real causes to the problem
- **Q**.≡ **A**.≡
- An essential piece of any PIP because:
 - o Reviews all details of the problem
 - All staff members provide input empowerment
 - o Focuses on the process, not people



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Step One: Root Cause Analysis

Select the event to be investigated – gather preliminary information

- Start with the problem Not the possible solutions(s)
- Define the problem
 - Be objective be transparent
 - The problem statement includes the need for something
- Focus on systems rather than an individual person
- Leadership commitment



Step Two: Charter and Select a Team Facilitator and Team Members

- Use a project charter to launch the team with leadership approval
- Choose a facilitator consider an untraditional role like a CNA
- While it is good to include team members who are subject matter experts, team members who can bring fresh eyes to the problem should not be excluded





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Step Two: The Team Members

Select the team members for the project

- Designate a facilitator for the team
 - Not necessarily the topic expert
 - Consider front line staff
- Keep it neutral
- Choose multi-disciplinary team members
- The RCA process is confidential
 - o Permission to speak freely
 - No repercussions

NOTE: Process owners are the main skeleton for proper RCA



Step Three: Describe What Happened

- Collect and organize the facts surrounding the problem or event to understand what really happened.
- No rose colored glasses allowed.



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RCA: Gather The Facts

CNAs get
Hoyer lift
and
position it
by
resident's
bed

Resident is
raised from
wheelchair
using the
Hoyer lift

CNAs
swing
resident
toward bed

Lift starts to
collapse
and tips to
one side

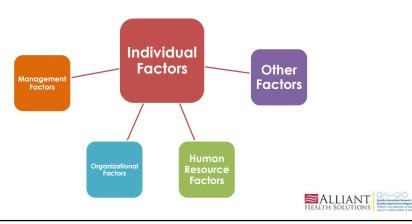
Resident
drops to
ground
and lift falls
on resident

- Use a flipchart or sticky notes to draw a preliminary timeline
- Keep a hard copy of your work
- Try to gather factual events and steps
 - o Is the "story" told correctly
 - o Is the timeline in the correct sequence
- Resist the temptation to start identifying root causes

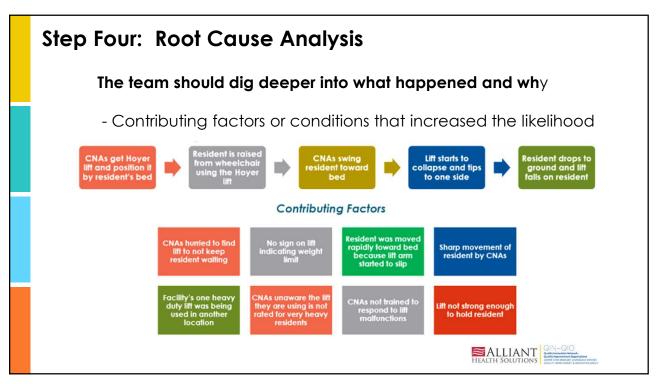


Step Four: Identify the Contributing Factors

- The situations, circumstances or conditions that increased the likelihood of the event are identified.
- Transparency and open forum setting



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Step Five: Final Analysis of the Root Causes

A thorough analysis of contributing factors leads to identification of the underlying process and system issues – root causes – of the event.

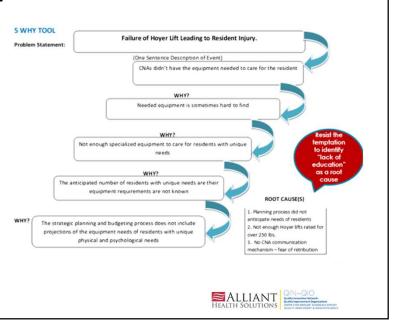


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Step Five: Final Analysis of the Root Causes

Now is the time to start the questioning process to identify the root causes that led to the event

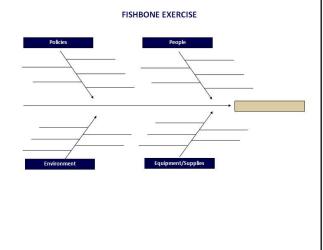
- Remember –
 contributing factors
 are not the root cause
- Avoid drilling down to a single staff member
 this is a system root cause



Root Cause Analysis Tool: The Fishbone Diagram

This cause and effect diagram (fishbone) starts with a problem at the head of the fish, and for each category, answer the question, "Why?"

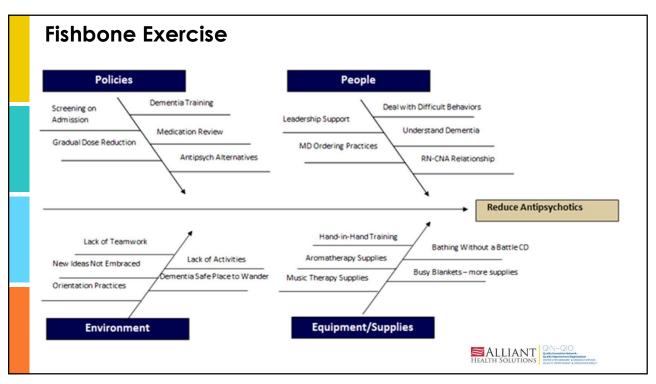
Review all causes identified to drive the focus for the improvement plan
There may be several causes of the problem
Prioritize which item(s), if solved, would have the most positive impact



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QAPI Tools: RCA and PDSA







https://quality.allianthealth.org/wpcontent/uploads/2020/07/AQ_QAPI_Performan ceImprovementPlanning_Worksheet-508-1.pdf

content/uploads/2022/09/QIN-QIO-PDSA-QII-Template-FINAL_508.pdf



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Let's Review Some Helpful Tips



- o Consider what was happening at each step
- Whenever possible, use a timeline as the basis for identifying contributing factors

Brainstorming

- Explore if anything happened that increased the likelihood of the event occurring
- Were any best practices/policies not followed
- o RCA might uncover a staff "work-around" that lend itself to errors

Avoid Hindsight Bias

- Creating a timeline can more accurately capture the activities leading up to the event
- Capture not only those factors that were present, but those realized only after the event

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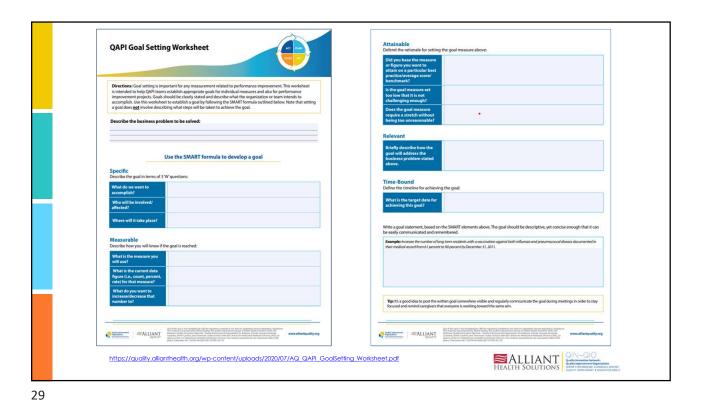
Goal Setting for a QAPI Project

- Goal setting is important because you can quantify a measurable improvement result without guessing if you improved
- Goals should be a stretch, yet attainable they should be clearly stated and describe what you intend to accomplish
- Performance Improvement Project (PIP) goals should follow the SMART formula: Specific, Measurable, Attainable, Relevant and Time-Bound



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Corrective Actions that Change the System and Do Not Allow the Errors to Occur Again are the Strongest Weak <u>Intermediate</u> Double checks Warning and labels Strong Increase staffing/decrease New procedure, workload Physical changes memo, or policy Eliminate/reduce Usability testing of Additional devices distractions study/analysis Engineering controls into Checklist the system (force and Eliminate look alike and employee to complete sound alike terms an action) "Read back" to ensure Simplify process and clear communication remove unnecessary Enhanced steps documentation/commun Standardize equipment ication or process SALLIANT SHALL SALLIANT



Alliant Health's Virtual Education and Resources

Library of Resources

- Resource page
 - https://quality.allianthealth.org/
- Essential Communication Elements Tool Kit
 - https://bit.lv/EssentialCommsToolkit

Alliant Health's Virtual Educational Events

• https://quality.allianthealth.org/virtual-educational-events/

Give the Boost a Shot Program

 https://quality.allianthealth.org/topic/give-theboost-a-shot/

NHSN Shop Talk and Quickinars

https://quality.allianthealth.org/topic/shop-talks/







