

Steps for Root Cause Analysis In Response to a Sentinel Event

Describe your root cause analysis for all Category A Consumer Sentinel Events. Fill in the blanks for the questions asked using the form below.

The three columns on the right are provided to be checked:

- “Root cause?” should be answered “yes” or “no” for each finding. A root cause is typically a finding related to a process or system. Be sure that it is addressed in the analysis with a “Why?” question. Each finding that is identified as a root cause should be considered for an action and addressed in the action plan.
- “Ask ‘Why?’” should be checked off whenever it is reasonable to ask why the particular finding occurred. Each item checked in this column should be addressed in the analysis with five “Why?” questions. It is expected that any significant findings that are not identified as root causes have “roots”.
- “Take action?” should be checked for any finding that can reasonably be considered for a risk reduction strategy. Each item checked in this column should be addressed in the action plan. It will be helpful to write the number of the associated Action Item on page 5 in the “Take Action?” column for each of the findings that requires an action.

<u>Level of Analysis</u>		<u>Questions</u>	<u>Findings</u>	<u>Root Cause?</u>	<u>Ask “Why?”</u>	<u>Take Action</u>
What happened?	Sentinel Event	What are the details of the event? (Brief description)				
		When did the event occur? (Date, day of week, time)				
		What area/service was impacted?				

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		When did you learn of the event?				
Why did it happen?	The process or activity in which the event occurred.	What are the steps in the process, as designed? (A flow diagram may be helpful here)				
What were the most proximate factors?		What steps were involved in (contributed to) the event?				
(Typically "special cause" variation) Systems of human factors. Such as inadequate staffing, lack of training or communication breakdown.	Human factors	What human factors were relevant to the outcome?				
Family, housing, work	Social factors	How did the consumer's social situation affect the outcome?				
Coordination of services, level of care, or ISP	Controllable Treatment factors	What factors directly affected the outcome?				

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Legal , courts, police	Uncontrollable external factors	Are they truly beyond the organization's control?				
	Other	Are there any other factors that have directly influenced this outcome?				
		What other areas or services are impacted				
Why did that happen? What systems and processes underlie those proximate factors?	Human Resources issues	To what degree is staff properly qualified and currently competent for their responsibilities?				
(Common cause variation here may lead to special cause variation in dependent processes) May want to stratify processes.		How did actual staffing compare with ideal levels?				
		What are the plans for dealing with contingencies that would tend to reduce effective staffing levels?				

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		To what degree is staff performance in the process(es) addressed?				
		How can orientation and in-service training be improved?				
	Communication and Information management issues	To what degree is all necessary information available when needed? Accurate? Complete? Unambiguous?				
		To what degree is communication among participants adequate?				
	Environmental management issues	To what degree was the physical environment appropriate for the processes being carried out?				
		What systems are in place to identify environmental risks?				

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		What emergency and failure-mode responses have been planned and tested?				
	- Encouragement of communication	What are the barriers to communication of potential risk factors?				
	- Clear communication of priorities	To what degree is the prevention of adverse outcomes communicated as a high priority? How?				
	Uncontrollable factors	What can be done to protect against the effects of these uncontrollable factors?				
Root Cause		Risk Reduction Actions: include process steps and the responsible person by title only			Target date	
If after consideration of such a finding, a decision is made not to implement an associated risk reduction strategy, indicate the rationale for not taking action at this time.		<u>Action Item #1:</u>				
Consider whether pilot testing of a planned improvement should be conducted.		<u>Action Item #2:</u>				
Improvements to reduce risk should ultimately be implemented in all areas where applicable, not just where the event occurred. Identify where the improvements will be implemented.		<u>Action Item #3:</u>				
Cite any books or journal articles that were considered in developing this analysis and action plan:		<u>Action Item #4:</u>				

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	<u>Action Item #5:</u>				

Table: Causal analysis/Risk reduction plan

Complete this form with your Root Cause Analysis

From your root cause analysis and risk reduction plan, what organization may have responsibility for a risk reduction action identified in the table below? Check the boxes that apply for organizations listed in A-C below.

From your causal analysis where the risk reduction plan is targeted for your organization and is not detailed in your risk reduction plan, enter the target dates (D), persons responsible (E) and position of responsible person (F).

If an item does not apply, leave it blank. Send this form to AMHD with the root cause analysis.

Risk Reduction Action	A. AMHD System	B. Legal System	C. Provider Services	D. Target Date	E. Person responsible	F. Title of responsible person
a. establish staff competency standards						
b. implement evidence-based best practices						
c. train staff						
d. educate family						
e. increase frequency of CM						

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Risk Reduction Action	A. AMHD System	B. Legal System	C. Provider Services	D. Target Date	E. Person responsible	F. Title of responsible person
f. increase medication monitoring						
g. facilitate access to psychiatrist						
h. use one-to-one services						
i. increase level of care						
j. access CBI funds						
k. collaborate with MISA Coordinator						
l. collaborate with Forensic Coordinator						
m. collaborate with Probation/Parole Officer						
n. collaborate with other agencies						
o. communicate with court system						
p. revise ISP						
q. increase participation in treatment team						

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Risk Reduction Action	A. AMHD System	B. Legal System	C. Provider Services	D. Target Date	E. Person responsible	F. Title of responsible person
r. increase clinical staff supervision						
s. change agency policy and procedures						
t. request AMHD technical assistance						
a. other (specify)						

Include any additional information

here. _____

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Signature

Date

Program Manager

_____ / /

Senior Program Administrator

_____ / /

Provider Quality Management Coordinator

_____ / /

AMHD Quality Management Coordinator

_____ / /

AMDH Clinical Medical Director

_____ / /