

The Value of Targeted ICARs

Krystal Smith, M.S., CIC | Infection
Preventionist, UCI Health

September 24, 2024

ASSESS

CONDUCT

ANALYZE

IMPLEMENT

Objectives

1. Navigate the preparation and execution of a targeted ICAR.
2. Describe the value of targeted ICAR data.
3. Formulate a plan to complete a targeted ICAR at your facility.

Quick Note on ICARs

ICAR: infection control assessment and response

General ICARs

Comprehensive gap analysis that brings a different type of value to your organization

1. <https://www.cdc.gov/healthcare-associated-infections/php/toolkit/icar.html>
2. <http://publichealth.lacounty.gov/acd/ICARProgram/index.htm>

What is a Targeted ICAR?

What is a Targeted ICAR

A gap analysis that is focused on:

A specific department

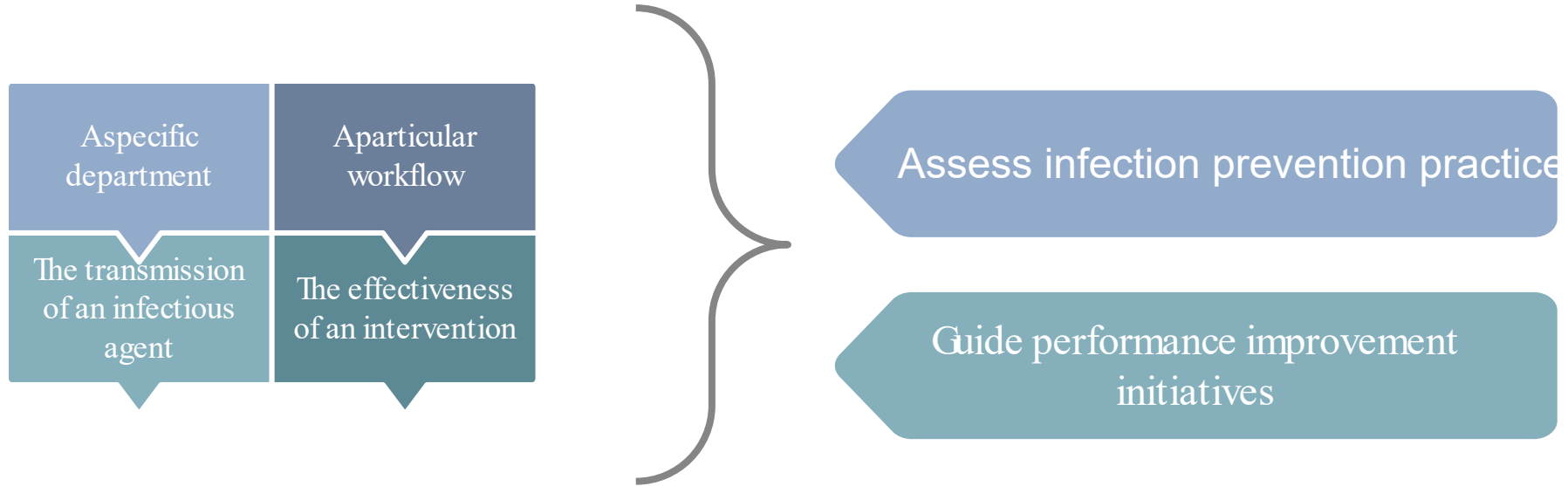
A particular workflow

The transmission of an infectious agent

The effectiveness of an intervention

What is a Targeted ICAR

A gap analysis that is focused on:



1. <https://www.cdc.gov/healthcare-associated-infections/php/toolkit/icar.html>
2. <http://publichealth.lacounty.gov/acd/AskAnIPProgram/Session4/Session4September2023.pdf>
3. <http://publichealth.lacounty.gov/acd/AskAnIPProgram/Session4/Session4October2023.pdf>
4. <http://publichealth.lacounty.gov/acd/AskAnIPProgram/Session4/Session4November2023.pdf>

How To Conduct a Targeted ICAR

How to Conduct a Targeted ICAR

POLICYREVIEW



What is expected of staff?

How to Conduct a Targeted ICAR

POLICYREVIEW



What is expected of staff?

STAFF
INTERVIEWS



Knowledge check

How to Conduct a Targeted ICAR

POLICY REVIEW



What is expected of staff?

STAFF
INTERVIEWS



Knowledge check

DIRECT
OBSERVATIONS



Does practice match policy?

Example 1

Assess the Implementation of
EBP

Assess the Implementation of EBP

Scenario:

Your facility implemented enhanced barrier precautions (EBP) in January 2024. The infection preventionist receives a variety of feedback from staff, observes noncompliance throughout the facility, and wants to improve EBP practices across all departments and shifts.

Assess the Implementation of EBP

Scenario:

Your facility implemented enhanced barrier precautions (EBP) in January 2024. The infection preventionist receives a variety of feedback from staff, observes noncompliance throughout the facility, and wants to improve EBP practices across all departments and shifts.

You are the infection preventionist.

Assess the Implementation of EBP

Scenario:

Your facility implemented enhanced barrier precautions (EBP) in January 2024. The infection preventionist receives a variety of feedback from staff, observes noncompliance throughout the facility, and wants to improve EBP practices across all departments and shifts.

You are the infection preventionist.

You decide to conduct a targeted ICAR on enhanced barrier precautions.

Preparing a Targeted ICAR

IDENTIFY THE NEED

- Feedback from staff
- Observed noncompliance
- MDRO transmission
- ... What issues are you noticing in your facilities?

Preparing a Targeted ICAR

IDENTIFY THE
NEED

Feedback from staff, observed noncompliance

INFORM KEY
PARTNERS

- Recruit assistance if needed
- Explain their role in the targeted ICAR
- Explain their role after the ICAR

Preparing a Targeted ICAR

IDENTIFY THE
NEED

Feedback from staff, observed noncompliance

INFORM KEY
PARTNERS

Recruit assistance if needed. Explain their role in the targeted ICAR.

SCHEDULE

- Calendar invitation
- Agenda
- Expectations

Preparing a Targeted ICAR

IDENTIFY THE
NEED

Feedback from staff, observed noncompliance

INFORM KEY
PARTNERS

Recruit assistance if needed. Explain their role in the targeted ICAR.

SCHEDULE

Calendar invitation with agenda and expectations.

DEVELOP THE
ASSESSMENT

- Review policies.
- Who will you interview?
- What will you observe?
- How will you capture this data?

Preparing a Targeted ICAR

IDENTIFY THE
NEED

Feedback from staff, observed noncompliance

INFORM KEY
PARTNERS

Recruit assistance if needed. Explain their role in the targeted ICAR.

SCHEDULE

Calendar invitation with agenda and expectations.

DEVELOP THE
ASSESSMENT

Review policies. Who will you interview/observe?
How will you capture this data?

Developing the Assessment

1

Which
policies
should you
review?



Enhanced barrier precautions

Anything else?

Developing the Assessment

2

Which staff
will you
interview?
What will
you ask?



A variety of healthcare workers.

- How do you identify a resident on EBP?
- When is PPE indicated?
- What type of PPE is indicated?
- How do you don/doff PPE?
- What do you do if a resident is suspected of a different infectious organism?
- What else would you ask?

Developing the Assessment

3

What will
you directly
observe?



- Staff entering/exiting resident rooms with EBP signs posted
- Staff starting/ending high contact resident care tasks
- Staff starting/ending low contact resident care tasks
- What else will you observe?

Developing the Assessment

4

How will
you capture
this data?



- Microsoft Excel, Word
- Other software
- Online survey

Example 2

Variable Environmental Cleaning and Disinfection Products

Variable Environmental Cleaning and Disinfection Products

Scenario:

Your facility is challenged with high turnover in your housekeeping department. Staff complain about cleaning/disinfecting product odor. You also notice a variety of unapproved products stored throughout your facility.

Variable Environmental Cleaning and Disinfection Products

Scenario:

Your facility is challenged with high turnover in your housekeeping department. Staff complain about cleaning/disinfecting product odor. You also notice a variety of unapproved products stored throughout your facility.

You are the infection preventionist.

Variable Environmental Cleaning and Disinfection Products

Scenario:

Your facility is challenged with high turnover in your housekeeping department. Staff complain about cleaning/disinfecting product odor. You also notice a variety of unapproved products stored throughout your facility.

You are the infection preventionist.

You decide to conduct a targeted ICAR on enhanced barrier precautions.

Developing the Assessment

1

Which
policies
should you
review?



Audience to answer

Developing the Assessment

2

Which staff
will you
interview?
What will
you ask?



Audience to answer

Developing the Assessment

3

What will
you directly
observe?



Audience to answer

Developing the Assessment

4

How will
you capture
this data?



- Microsoft Excel, Word
- Other software
- Online survey

What Can You Do With
Your Findings?

Findings From Example 1

ERROR CATEGORY	FREQUENCY	PERCENT	CUMULATIVE%
Incorrect signage	5	10	10
PPE location	3	6	16
PPE supply	3	6	22
Policy confusion	28	56	78
Missing signage	3	6	84
Feeling rushed	8	16	100
Total	50	100	



What stands out?

Findings From Example 1

ERROR CATEGORY	FREQUENCY	PERCENT	CUMULATIVE%
Incorrect signage	5	10	10
PPE location	3	6	16
PPE supply	3	6	22
Policy confusion	28	56	78
Missing signage	3	6	84
Feeling rushed	8	16	100
Total	50	100	

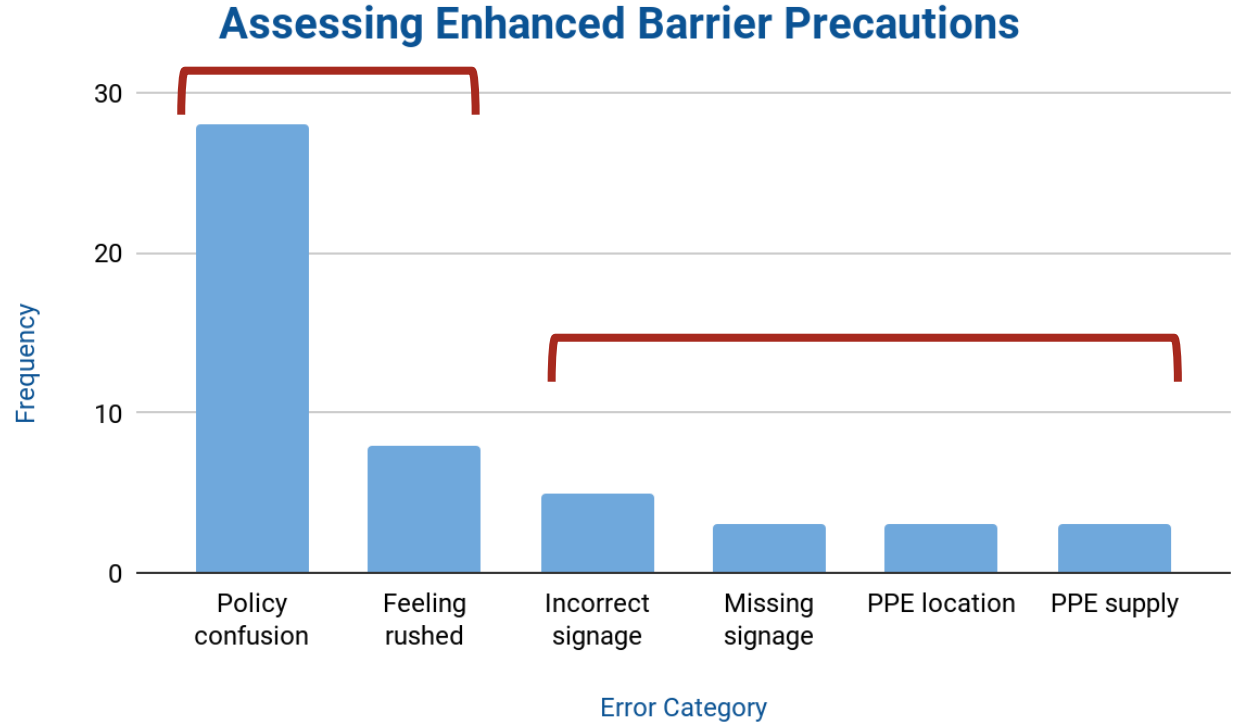
What stands out?

Findings

Example 1:

Assess the
Implementation
of EBP

Pareto chart



Findings From Example 2

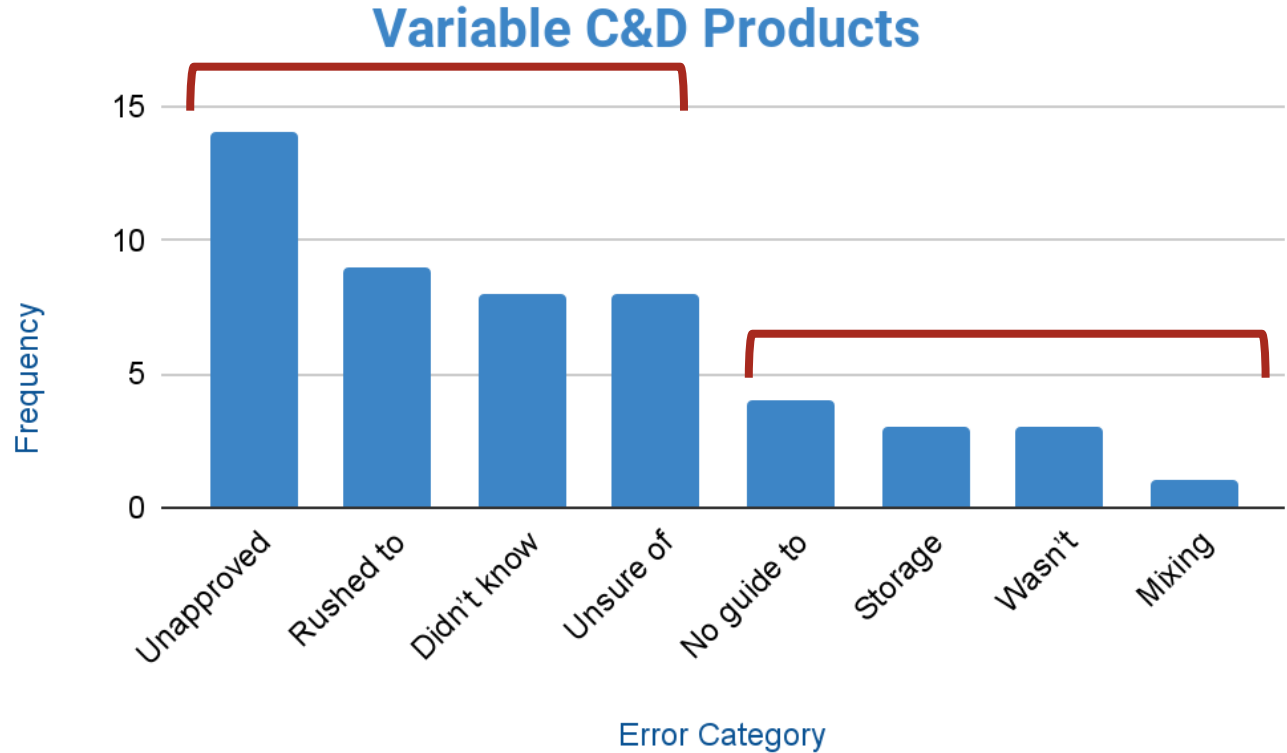
ERROR CATEGORY	FREQUENCY	PERCENT	CUMULATIVE%
Unapproved products	14	28	28
Did not know dwell time	8	16	44
Storage conditions	3	6	50
Mixing products	1	2	52
Unsure of responsibility	8	16	68
Was not trained	3	6	74
No guide to follow	4	8	82
Rushed to turnover room	9	18	100
Total	50	100	

Findings

Example 2:

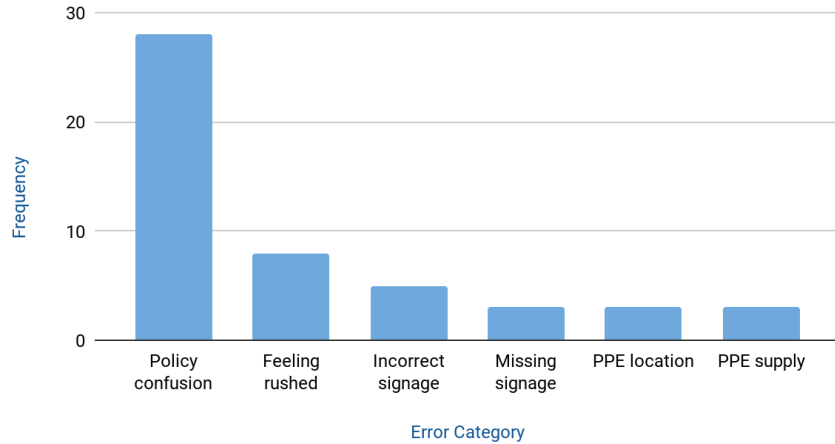
Variable
Environmental
Cleaning and
Disinfection Products

Pareto chart

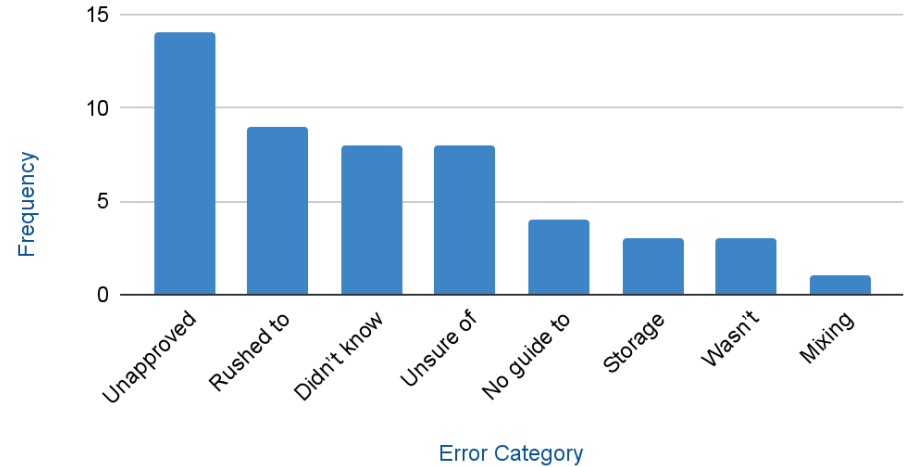


Findings

Assessing Enhanced Barrier Precautions



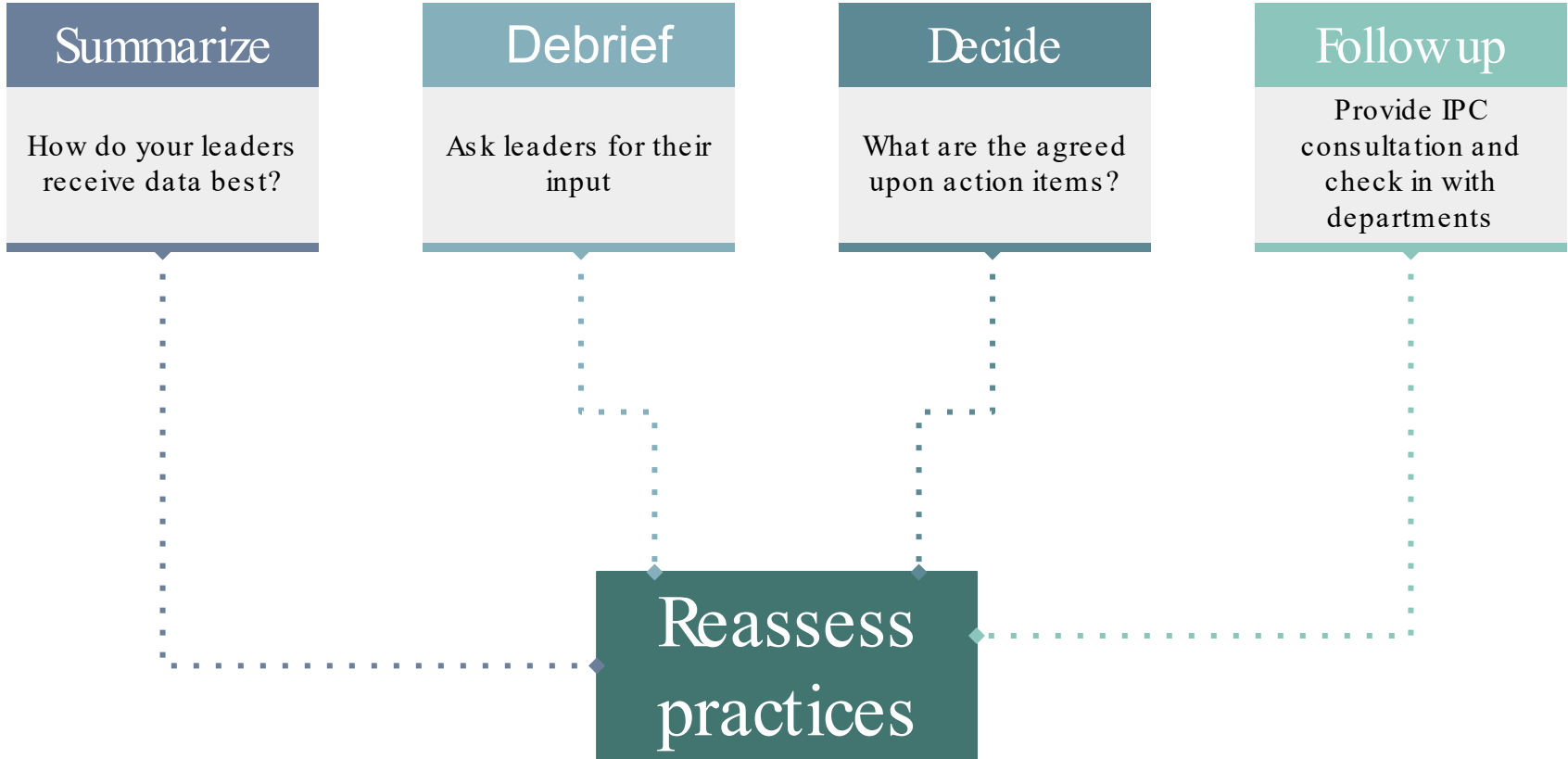
Variable C&D Products



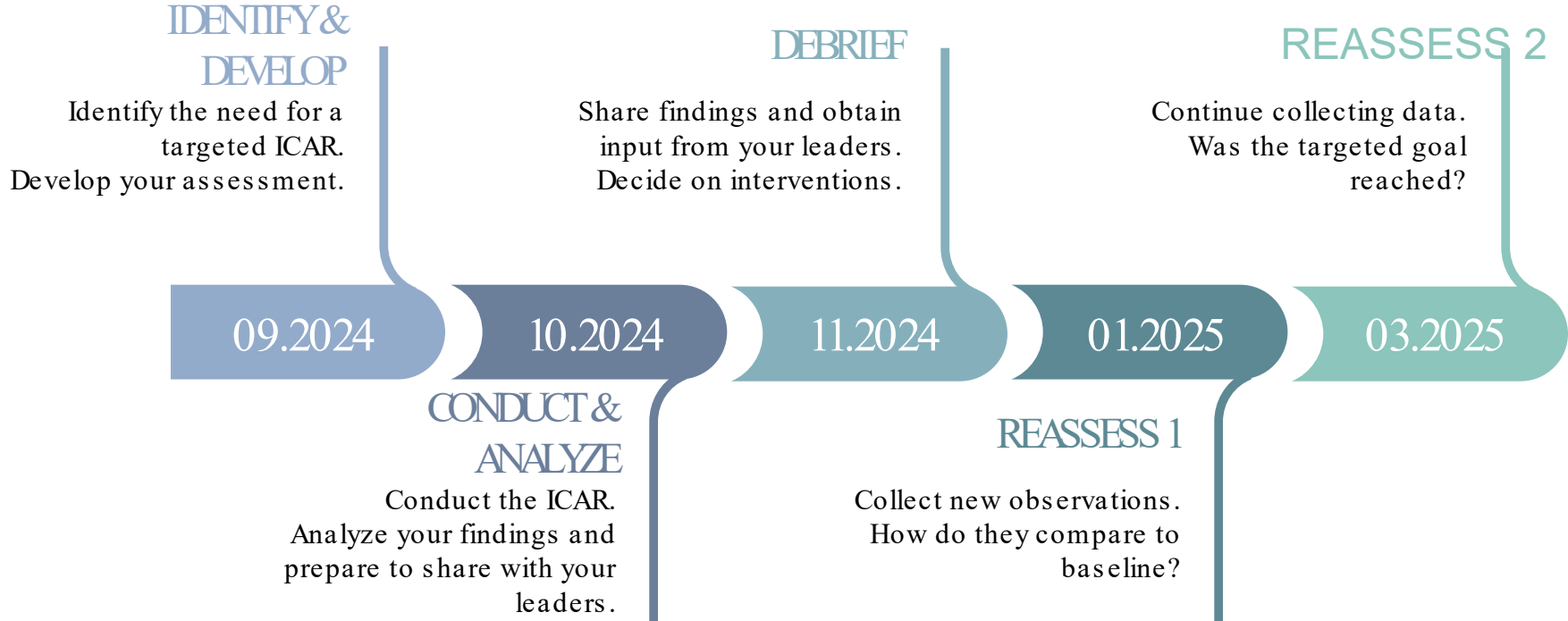
What can we pull from this information?

Targeted ICAR Next Steps

Summarize Your Findings



Reassess



So, What is the Value of
Targeted ICARs?

What is the Value of Targeted ICARs?



Deeper dive

Into barriers and opportunities

Collaboration

With department leaders and frontline staff

Quality data

That you can reference back to or share in the future

Improved IPC practices

Trust and consistency

IP role reset

Remind yourself and your team

Worksheet

Consider the need for a targeted ICAR at your facility.

Utilize this worksheet to get started on the process.

The Value of Targeted ICARs Worksheet

1. IDENTIFY A NEED	2. INFORM KEY PARTNERS	3. SCHEDULE	4. DEVELOP THE ASSESSMENT
Need:			
<u>Develop the Assessment</u>			
REVIEW POLICIES	INTERVIEW STAFF	DIRECT OBSERVATIONS	CAPTURE THE DATA
What policies should be reviewed?	Which staff will you interview? What will you ask?	What will you directly observe?	How will you capture data?

Thank you!

Questions?