



Pennsylvania Perinatal Quality Collaborative

Quality Improvement (QI) Collaborative Virtual Session
July 8, 2020

***Adopting Non-pharmacological Protocols for NAS:
Reflecting on the ESC Presentation from the June 11 PA PQC Learning Session***

Agenda

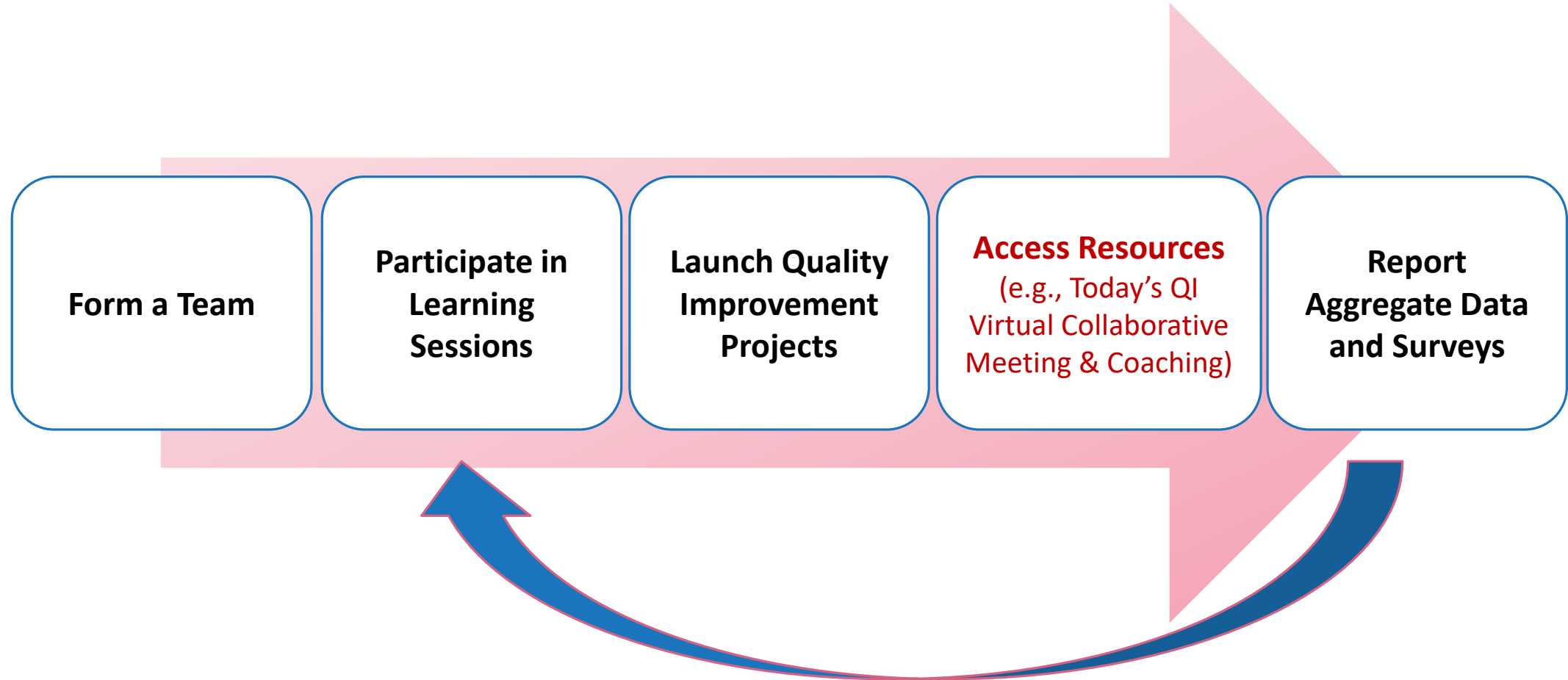
- 1. Introduction & Review of Key Findings from the PA PQC Survey** – Robert Ferguson, MPH, Chief Policy Officer, Jewish Healthcare Foundation (JHF)
- 2. Recap of Key Points from Dr. Whalen’s Eat, Sleep, Console (ESC) Presentation** – Jennifer Condel, SCT(ASCP)MT, Manager, Lean Healthcare Strategy and Implementation, Pittsburgh Regional Health Initiative
- 3. Collaborative Peer-to-Peer Discussion** – PA PQC Teams working on ESC and Non-Pharmacological Protocols
- 4. Wrap-Up & Next Steps** – Pauline Taylor, Program Specialist, JHF

We Want to Hear From You!

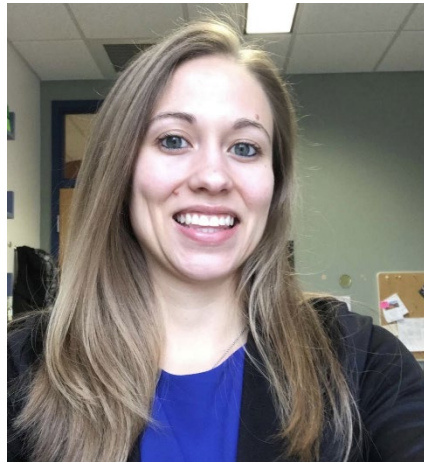
If your PA PQC team is working to adopt ESC and/or non-pharmacological protocols for NAS, please be prepared to discuss:

- What is your current quality improvement plan to adopt ESC or other non-pharmacologic bundles for NAS?
- What does your non-pharmacologic bundle currently entail for NAS?
- What are one or two next steps you are planning to do in response to Dr. Whalen's presentation? In other words, how is this presentation informing your quality improvement action cycles in-between the quarterly learning sessions?
- What challenges are getting in the way of creating or fully adopting a non-pharmacologic bundle for NAS?
- What is the root cause of those challenges?
- How can we think creatively and problem-solve each challenge?

How Today's Meeting Fits into the PA PQC Roadmap



And Your Coaches!



Karena Moran, PhD
Research and Quality
Project Manager



Jennifer Condel, SCT(ASCP)MT
Manager, Lean Healthcare
Strategy and Implementation



Pauline Taylor, CQIA
Program Specialist

Elizabeth Balskus, MA
Quality Improvement Facilitator

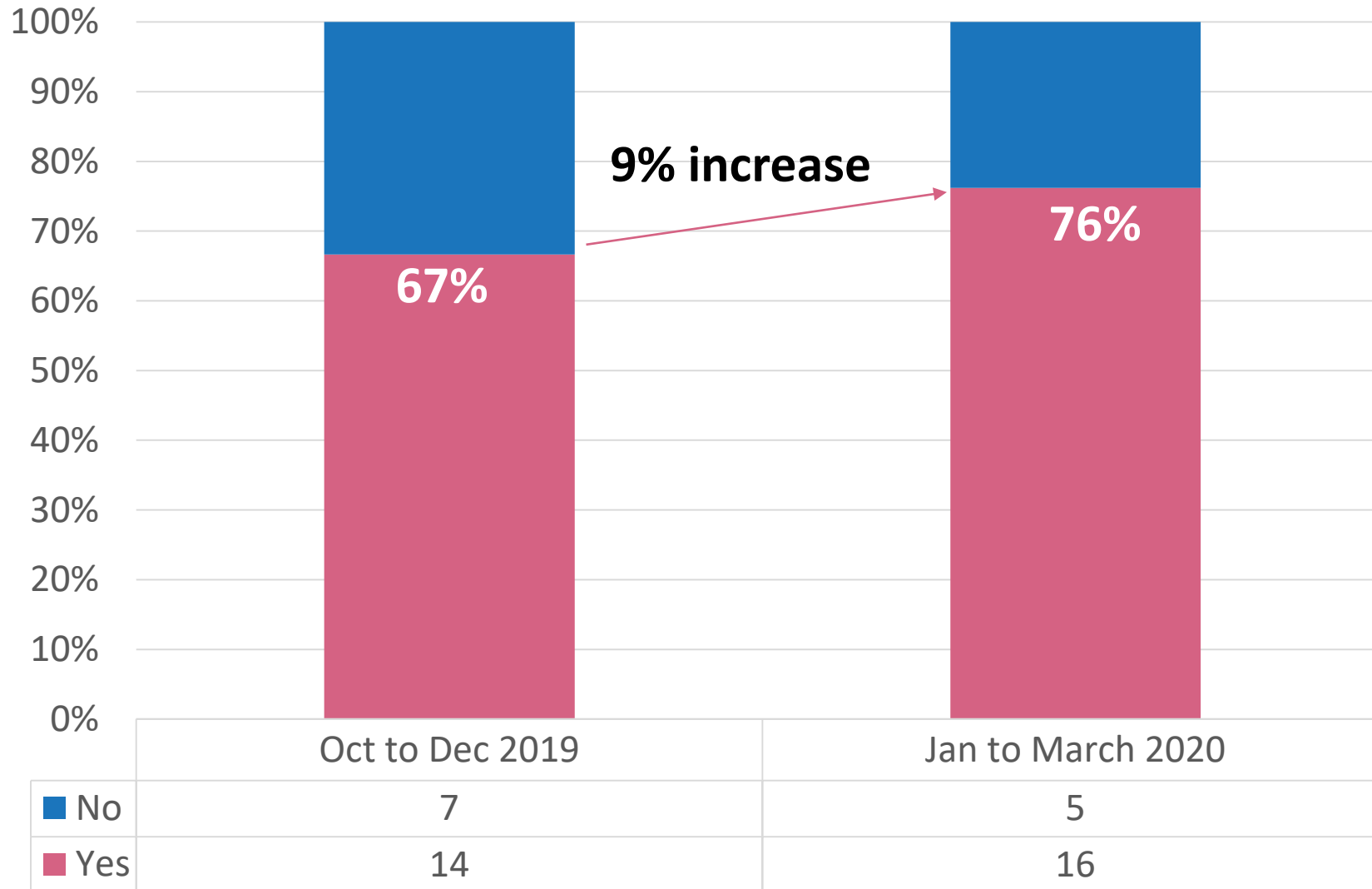


Carol Frazer, MEd, LPC
Practice Transformation Specialist

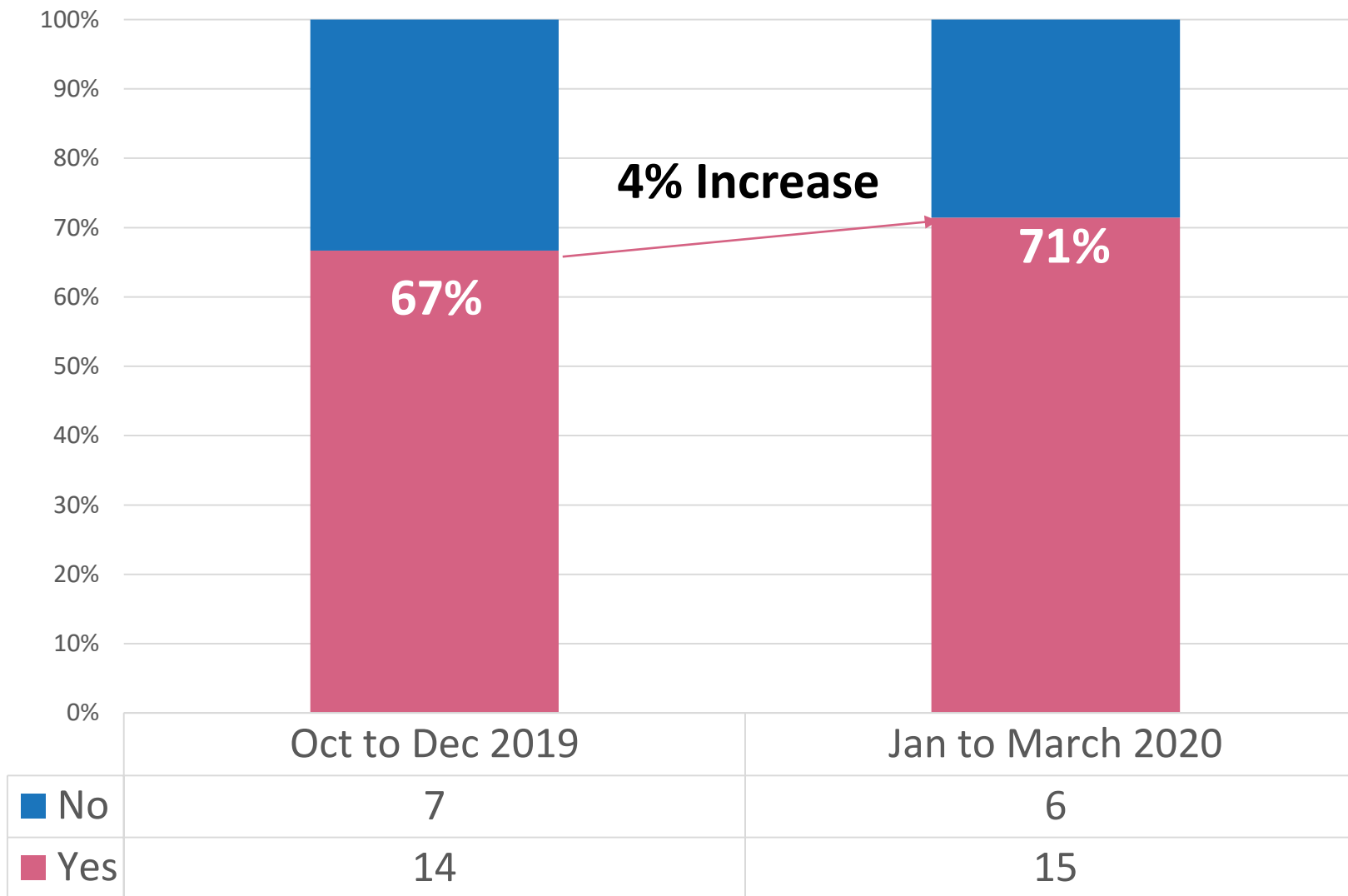
Review of PA PQC Survey Findings

Robert Ferguson, MPH, Chief Policy Officer, Jewish Healthcare Foundation

Does your site have standardized **pharmacologic** protocols for NAS?



Does your site have standardized **non-pharmacologic** protocols for NAS?



Recap of Key Points from Dr. Whalen's Eat, Sleep, Console (ESC) Presentation from the June 11 Session

Jennifer Condel, SCT(ASCP)MT, Manager, Lean Healthcare Strategy and Implementation,
Pittsburgh Regional Health Initiative

Key Points from Dr. Whalen's ESC Presentation

- ✓ Starting point to aid in leadership, provider and organizational buy-in:
 - Dr. Matt Grossman's 3/21/18 webinar, "Infants with Prenatal Substance Exposure and their Parents: Family Approach of Yale New Haven Children's Hospital"
<https://www.youtube.com/watch?v=7epcyi2mafY>
- ✓ Keys to the model: *comprehensive, multi-disciplinary, multi-faceted approach*
 - Focus on educating, supporting, and empowering families in the care of their infants
 - Standardization of non-pharmacologic care
 - Function-based assessments to evaluate infants ability to eat, sleep and be consoled

Be creative! Work within your environment to apply the model.

Key Points from Dr. Whalen's ESC Presentation

Application of PDSA cycles (iterative improvements)

Phased approach to ESC implementation

Hospital readiness and Key Foundational steps:

- ✓ Ability to Room-in?

 - *Not essential, but recommended*

 - *Key: create a quiet, supportive environment for baby*

- ✓ Promotion of parental presence/engagement in care?

 - *“you [mom] are your baby's first and most important medicine/treatment”*

- ✓ Optimization of non-pharmacologic care in all care settings?

- ✓ Baby-centered NAS assessments?

- ✓ Symptom prioritization for pharmacologic treatment decisions?

- ✓ Trauma-informed care?

Key Points from Dr. Whalen's ESC Presentation

Best practice recommendations for ESC Care Tool training & QI implementation?

- ✓ *Hospital Checklist for Adopting Eat, Sleep, Console NAS Assessment & Care Approach*

Support & coaching for ESC Care Tool implementation?

- ✓ “Gold Star Raters” champions in use of ESC Tool, able to perform regular inter-rater reliability checks with bedside nursing staff
- ✓ IRR rating keys, teaching scripts, recommended webinar topics

Formal tracking of outcome/balancing measures?

- ✓ Quality/Outcome Measures: % opioid-exposed infants pharmacologically treated; Mean hospital length of stay; Infants cared for with non-pharm care alone; Infants cared for with non-pharm + pharm Rx
- ✓ Safety/Balancing Measures: % max weight loss in hospital and in first 30 days after newborn dc; % infants with ED visits in first 30 days after newborn dc; % infants with hospital readmissions in first 30 days after newborn dc

Key Points from Dr. Whalen's ESC Presentation

NICU is not necessary: it can increase LOS and use of pharmacologic vs. non-pharmacologic measures

Implement as many non-pharm interventions as possible

It can be done! “Regardless of availability of resources (physical infrastructure, staffing parental/caregiver presence), maximize what is available & be creative (e.g., med/nursing students, nurse managers working in a quiet office)”

Don't say “It can't be done” ... other centers have proven this wrong

Biggest challenge during COVID-19: visitor limitation (options: use of other staff roles, physical locations)

Collaborative Peer-to-Peer Discussion

PA PQC Teams working on ESC and Non-Pharmacological Protocols

If your PA PQC team is working to adopt ESC and/or non-pharmacological protocols for NAS, it is now your floor!

- What is your current quality improvement plan to adopt ESC or other non-pharmacologic bundles for NAS?
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Wrap-Up & Next Steps

Pauline Taylor, CQIA, Program Specialist

Upcoming Sessions

<https://www.whamglobal.org/member-content/register-for-sessions>

Date	Details
August 12 11am to 12pm	QI Collaborative Virtual Meeting
September 3 8:30am to 12:30pm	Learning Session via Zoom
October 14 11am to 12pm	QI Collaborative Virtual Meeting
December 16 8:30am to 4pm	Learning Session

Thank You!

PA PQC

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Frequently Asked Questions: https://www.whamglobal.org/images/PA_PQC_FAQ.pdf