

Neonatal Opioid Withdrawal Syndrome (NOWS) Initiative

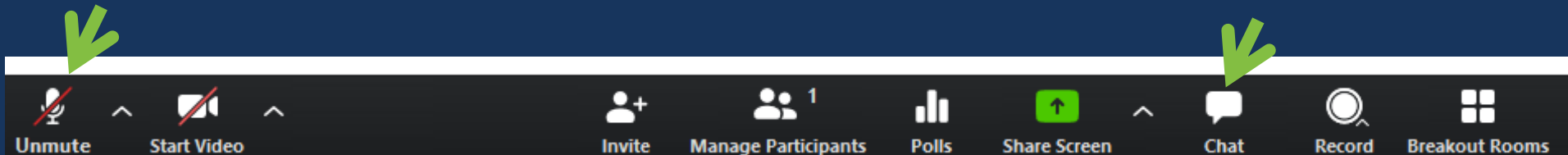
Action Period Call – Baseline Data Collection Review & PDSA Cycles

March 24, 2021

Welcome!









- Attendees are automatically muted to reduce background noise
- Please do not put your phone on hold as music will play
- Please enter questions/comments in the “chat” box during the presentation
- Slides will be emailed and available at www.alpqc.org
- We are now recording



- Please type your **name** and the **institution** you represent in the chat box and send to “Everyone”.
- Please also do for all those in the room with you viewing the webinar.
- Thank You!

Agenda



Baseline Survey Update		12:05 – 12:10
Data Collection		12:10 – 12:25
Team Talks		12:25 – 12:30
Data Portal Review		12:30 – 12:40
PDSA Cycles		12:40 – 12:50
Q & A		12:50 – 1:00



Baseline Survey Update

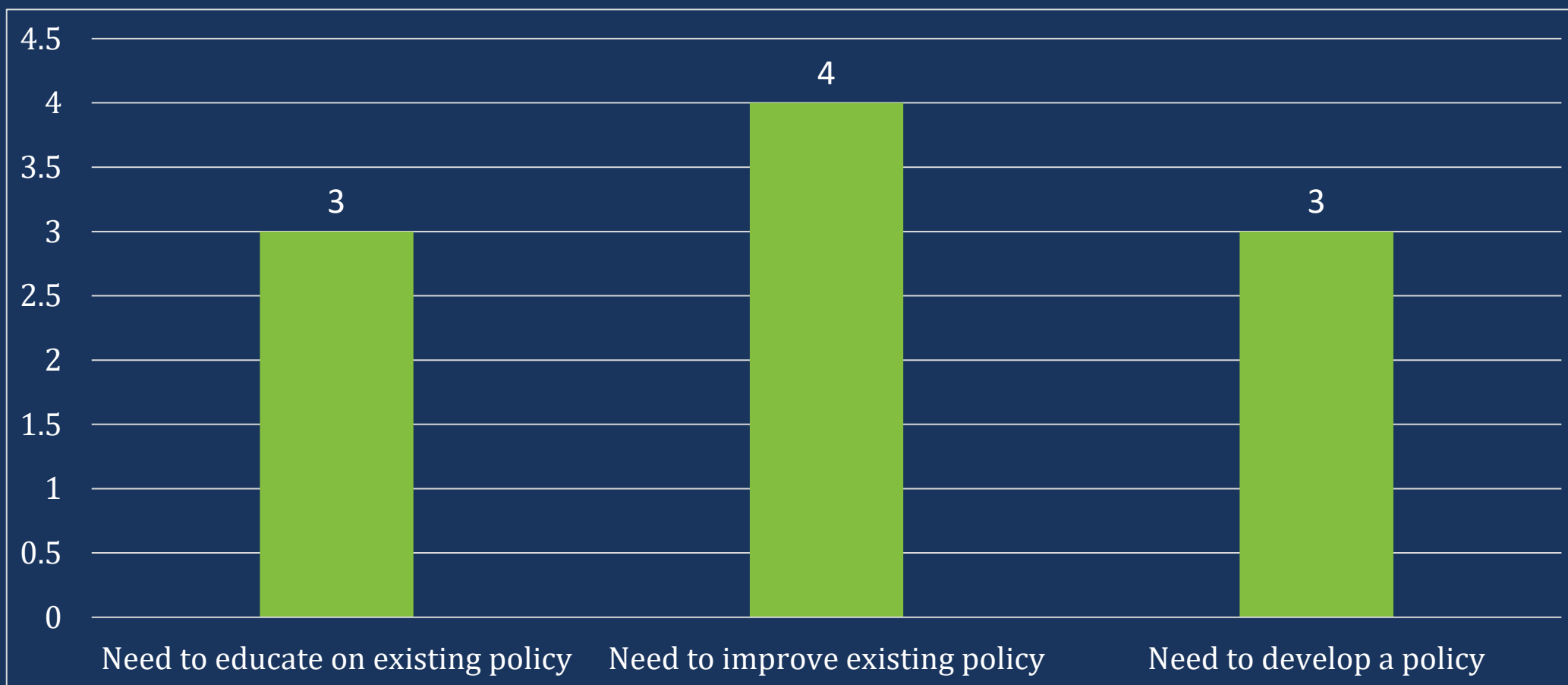
Thanks for Responses!



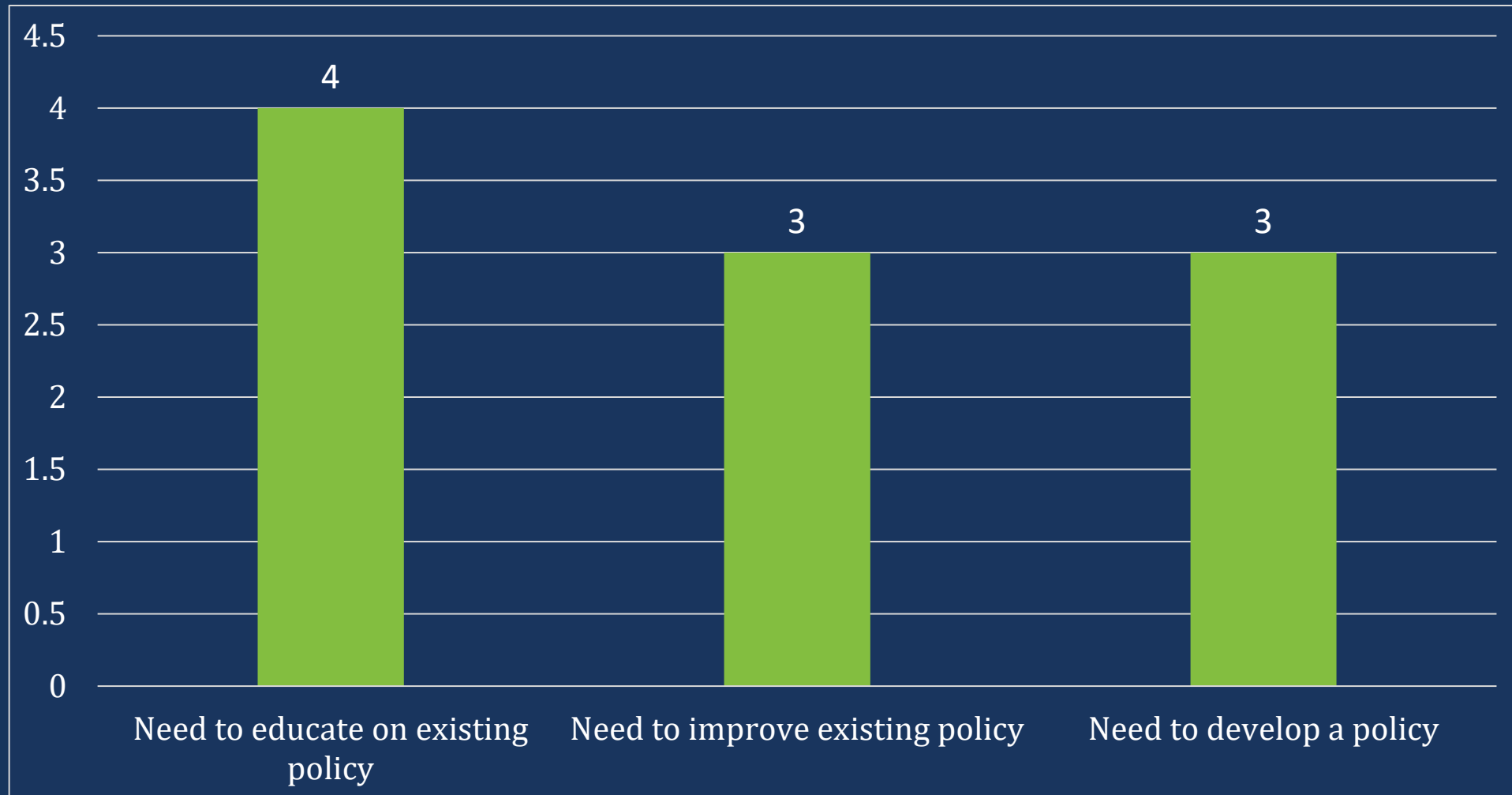
1. DCH Regional Medical Center
2. Huntsville Hospital
3. Jackson Hospital
4. Madison Hospital
5. RMC - Anniston
6. St. Vincent's Birmingham
7. UAB
8. USA Children's & Women's
9. Medical West Hospital
10. East Alabama Medical Center
11. Crestwood Medical Center



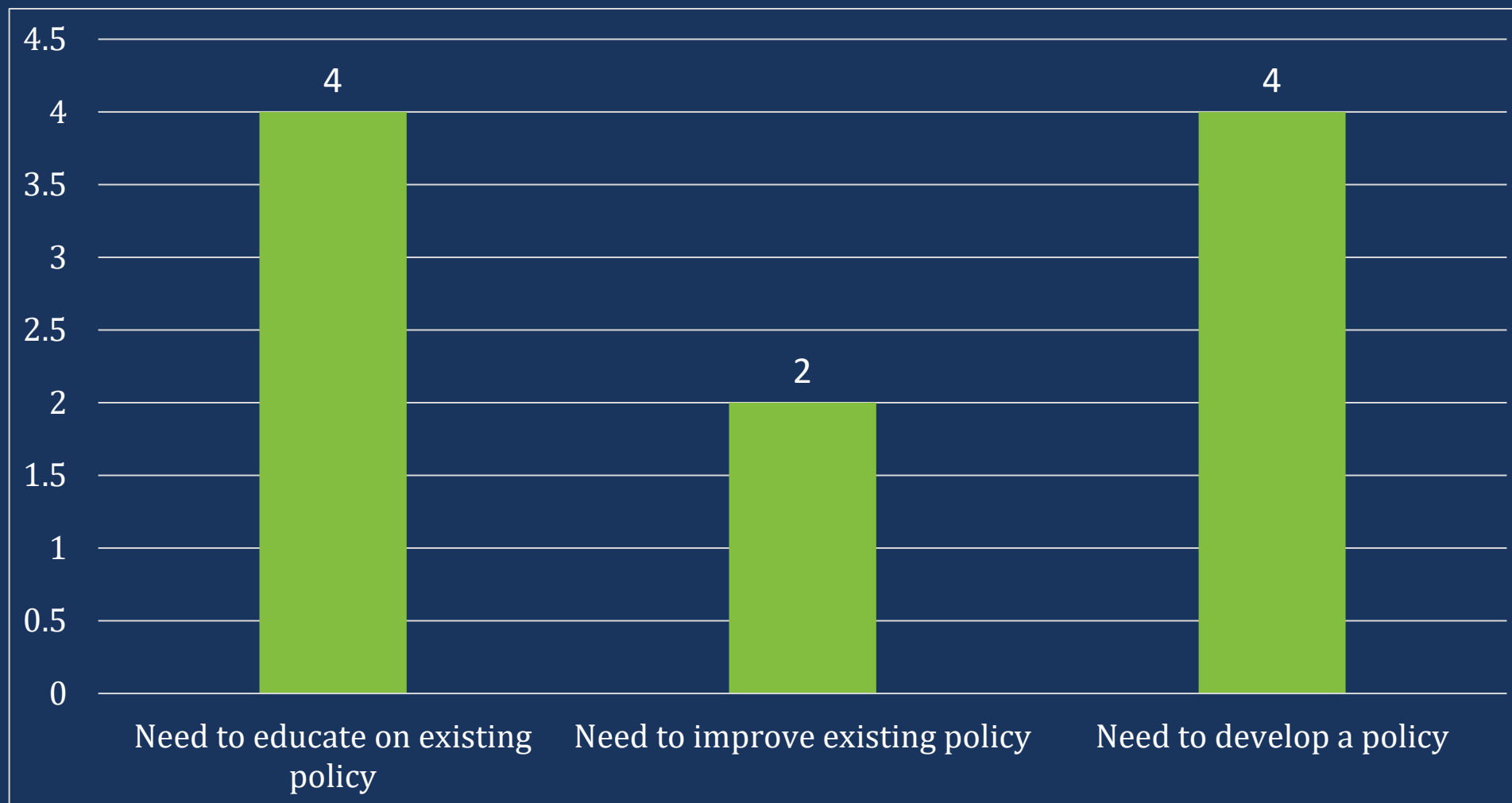
Education Practices to Reduce Stigma



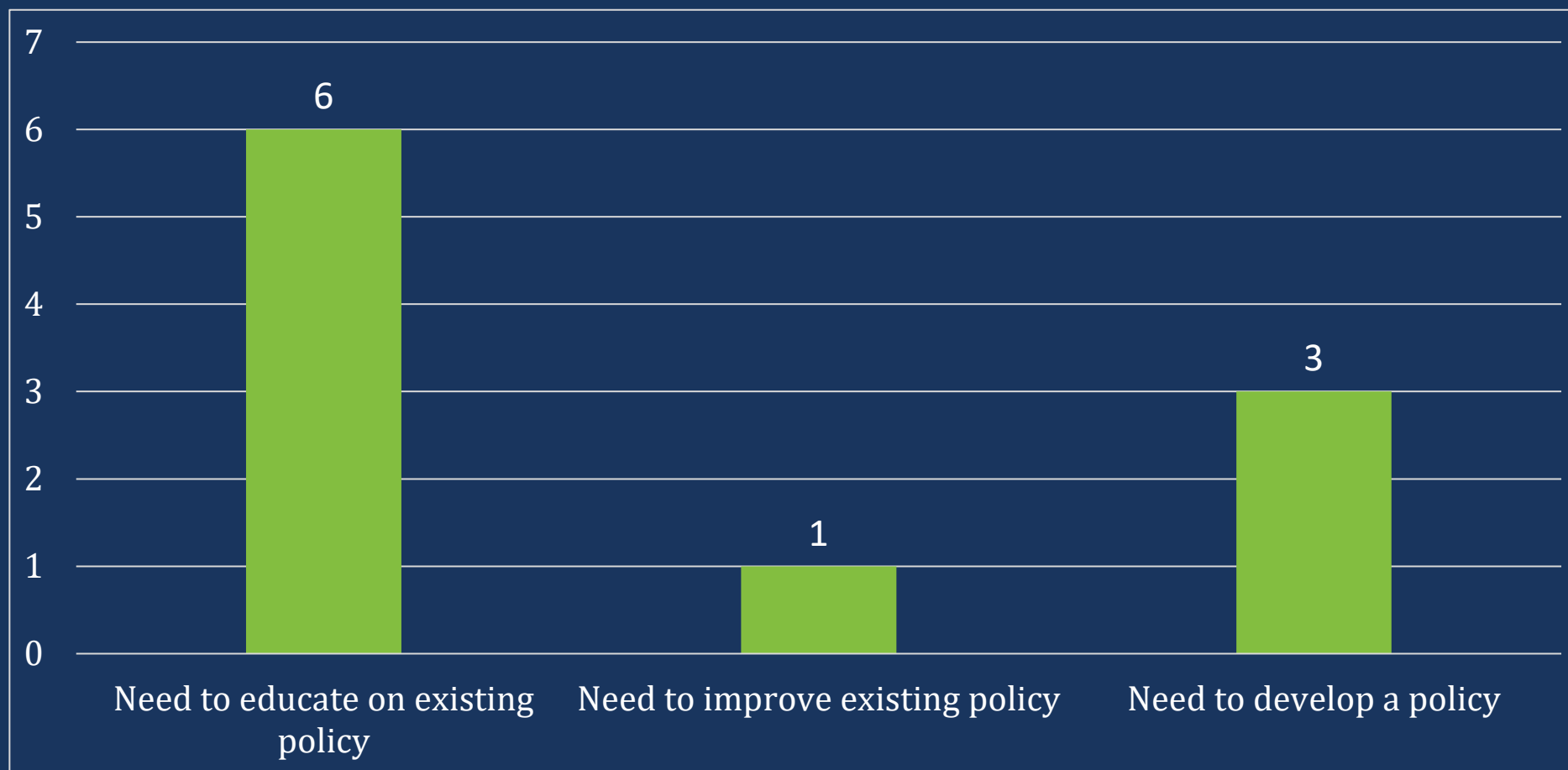
Education Practices for Withdrawal Scoring



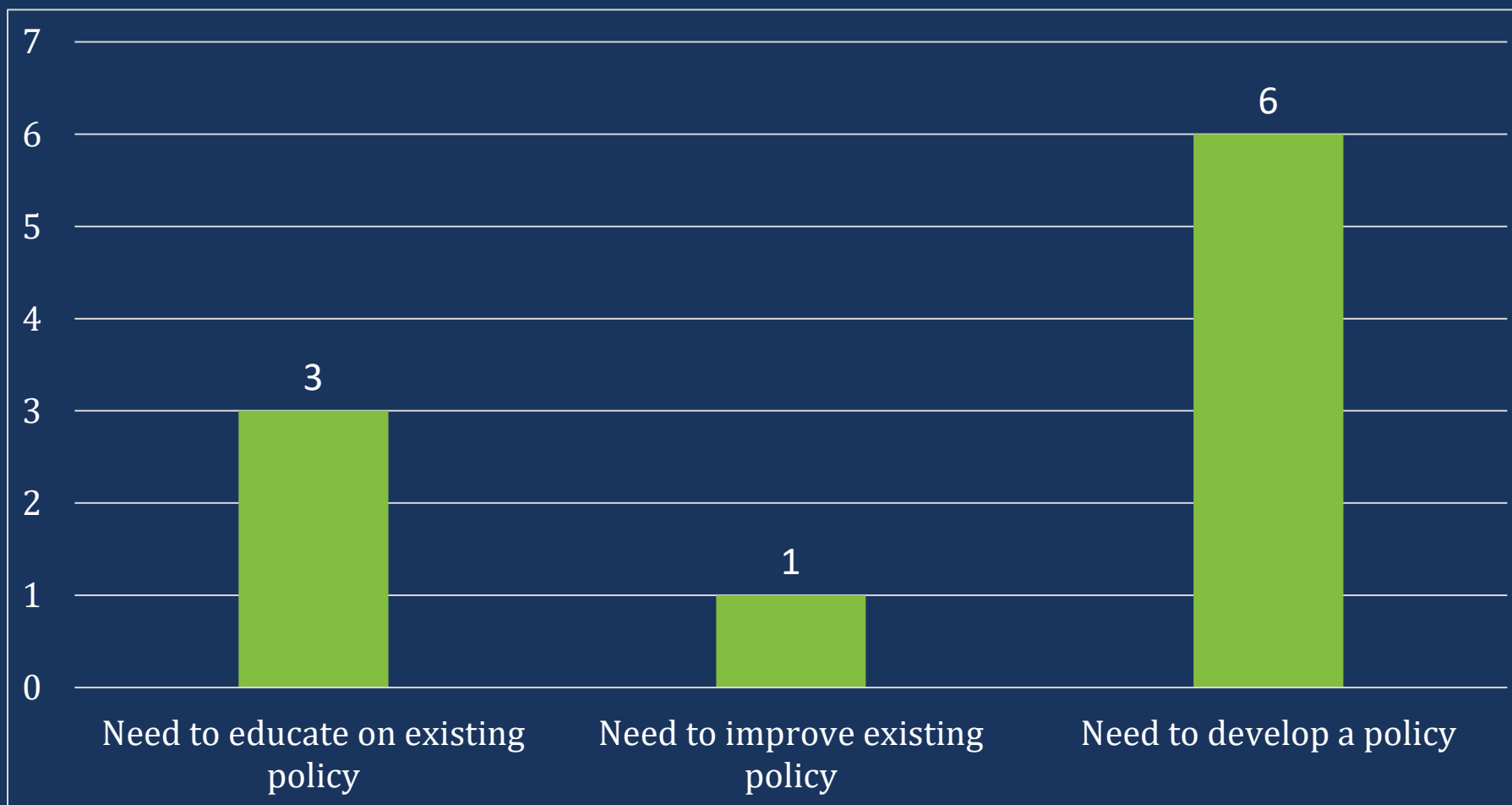
Non-Pharmacologic Guidelines



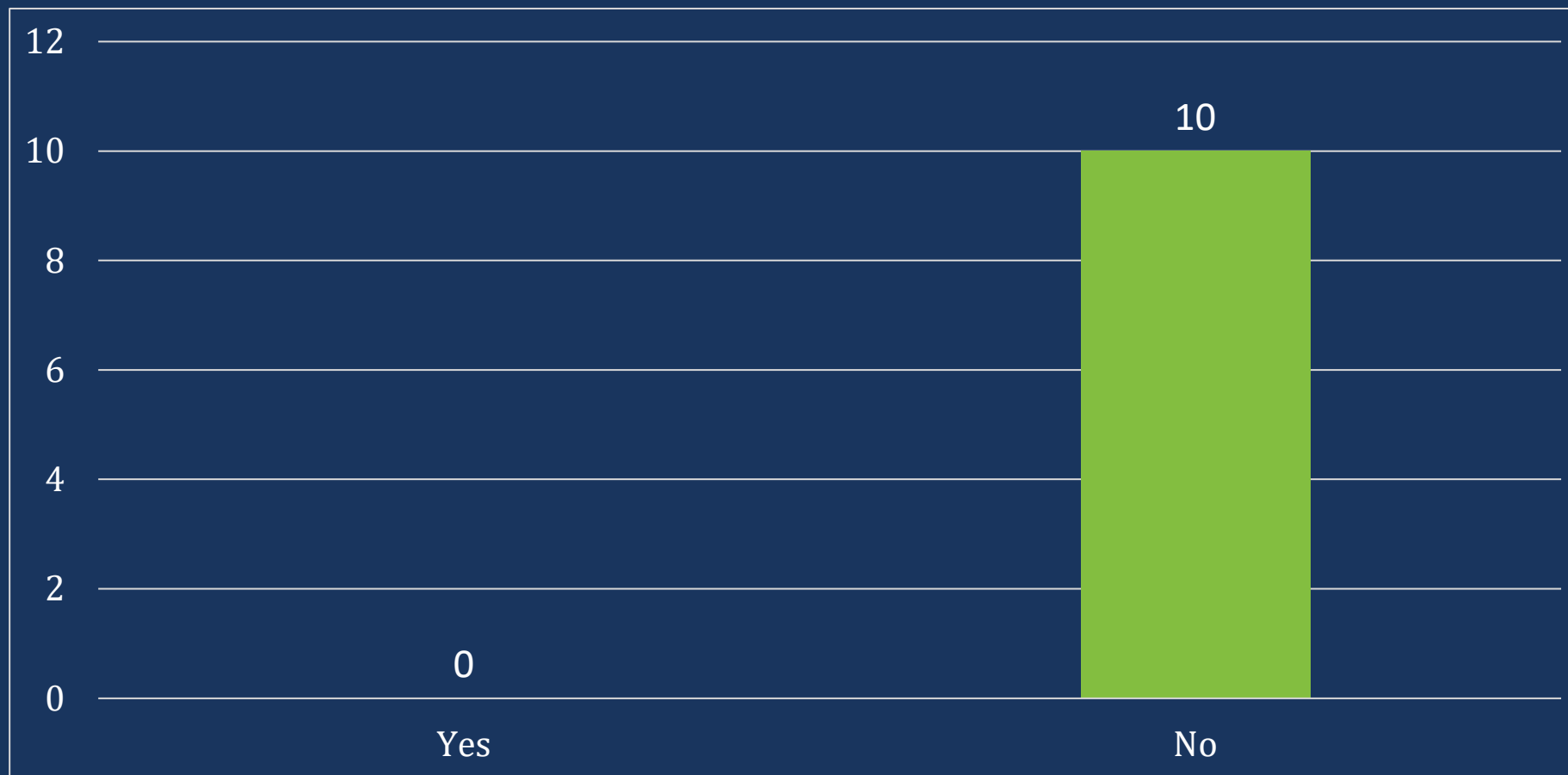
Pharmacologic Guidelines



Collaborative Discharge Planning



Narcan Counseling



NOWS Baseline and Monthly Data

Neonatal Opioid Withdrawal Syndrome Key Driver Diagram

Global Aims

To optimize inpatient care strategies for mothers with opiate use disorder* and opiate exposed newborns

SMART Aims

By April 1, 2022, in infants born at ≥ 35 w GA with NOWS:

- 1) Reduce length of stay by 20%
- 2) Reduce exposure to pharm care by 20%
- 3) Increase the % of mothers and infants discharged with Collaborative Discharge Plan to 35%

Population

Mothers with opiate use disorder and opiate exposed newborns in the state of Alabama

Primary Drivers

Identification and Assessment of Opiate Exposed Newborns

Inpatient Management of Infants with NOWS

Supportive Discharge for Mothers and Baby

Secondary Drivers

Strengthen Family/Care Team Relationships

Withdrawal scoring consistency

Non-pharmacologic care standardization

Pharmacologic care consistency: initiation, weaning, and cessation

Keeping mother-baby dyad together

Hospital specific Plan of Supportive Infant Discharge

Hospital specific Plan of Supportive Maternal Discharge

Interventions

Stigma education as part of ongoing education procedures

Standardize education for all staff on withdrawal scoring

Non-pharmacologic care guidelines for opioid exposed newborns

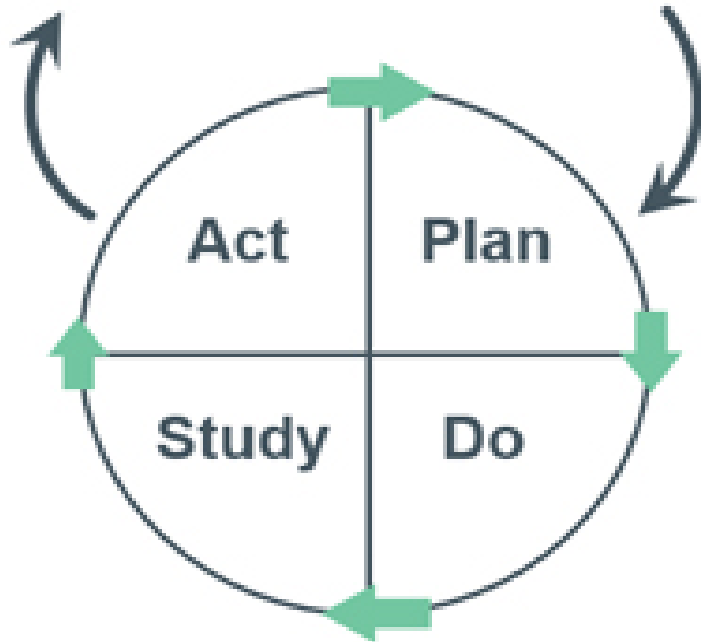
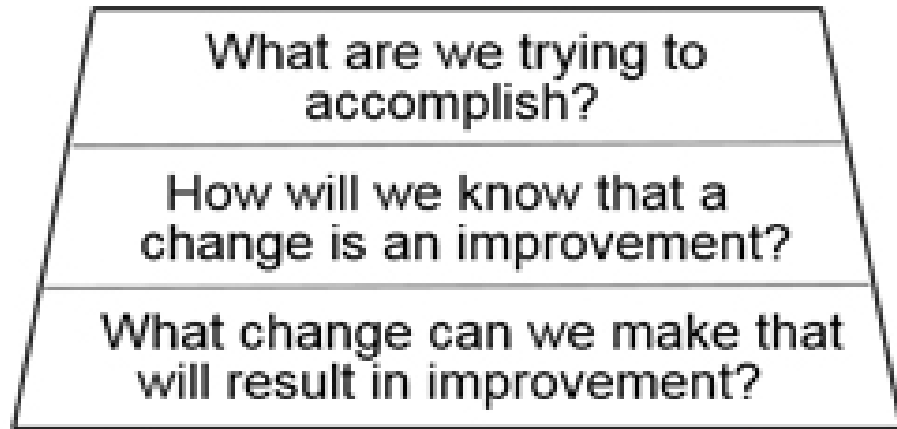
Pharmacologic treatment guidelines

Establish hospital policy for infant transfer and rooming in

Establish hospital specific Collaborative Discharge Plan

Why This Matters

Model for Improvement



Setting your SMART aim



Measurement Strategy



Key Driver Diagram



Testing Changes via PDSA cycles

Baseline Data Collection

Step 1: **Start** with ICD-10 Codes

Step 2: Ensure Infant Meets Inclusion Criteria

Step 3: Collect Baseline Measures

Step 4: Enter Data Into Data Portal

Baseline Data Collection

Measurement Type	Measurement
Outcome	Neonatal C: Did infant receive pharmacologic treatment ?
Outcome	Neonatal D: If infant received pharmacologic treatment, for how many days did the infant receive treatment (Birth is day "0")
Outcome	Neonatal E: How many days old was the infant at discharge
Process	Obstetrical A: Was the mother on Medication for Opioid Use Disorder (MOUD) ? (e.g. on prescribed methadone/ Subutex/etc.)
Process	Obstetrical B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge?
Process	Obstetrical C: Was Narcan counseling documented in the medical record prior to maternal discharge?
Balancing	Balancing Measure H: Was the infant readmitted for any cause within 10 days of discharge?

Structural Measures

1. Hospital has implemented education practices for hospital staff for reducing stigma in opioid-exposed newborns (OENs)

☐ Haven't started

☐ Working on it

☐ In place

2. Hospital has implemented education practices for hospital staff for scoring OENs

3. Hospital has implemented standardized non-pharmacologic guidelines for OENs

4. Hospital has implemented standardized practices of when to transfer infants with NOWs to a higher level of care

5. Hospital has implemented standardized pharmacologic guidelines for infants with NOWS

6. Hospital has implemented standardized protocols/guidelines for Collaborative Discharge Plan for mothers and infants

Additional Measures for Monthly Data Entry

Measurement Type	Measurement
Process	Did the infant have evidence of opioid withdrawal?
Process	Was a non-pharmacologic bundle used consistently with the infant?
Process	Was a Collaborative Discharge Plan completed prior to discharge?
Process	If not born at your facility, how many days old was infant when transfer was received?

A point to clarify

For hospital transfers, the data form will be completed by the receiving hospital.

As maternal measures will reflect the transferring facility, there will soon be a new option for maternal data measures of “Mother delivered at transferring facility”

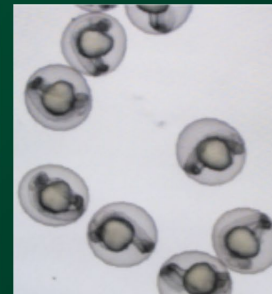
Team Talks

Rhonda Hamm, MSN, RN, RNC-NIC
WIS Quality Manager
UAB Medicine

NOWS Data Collection

By Rhonda Hamm

UAB MEDICINE



How can I find this information?

Diagnosis coding

Logbooks

Daily patient assignment sheet indicates baby who has NAS

Report from EMR

- PowerPlan
- Documentation of Finnegan score - Jackpot

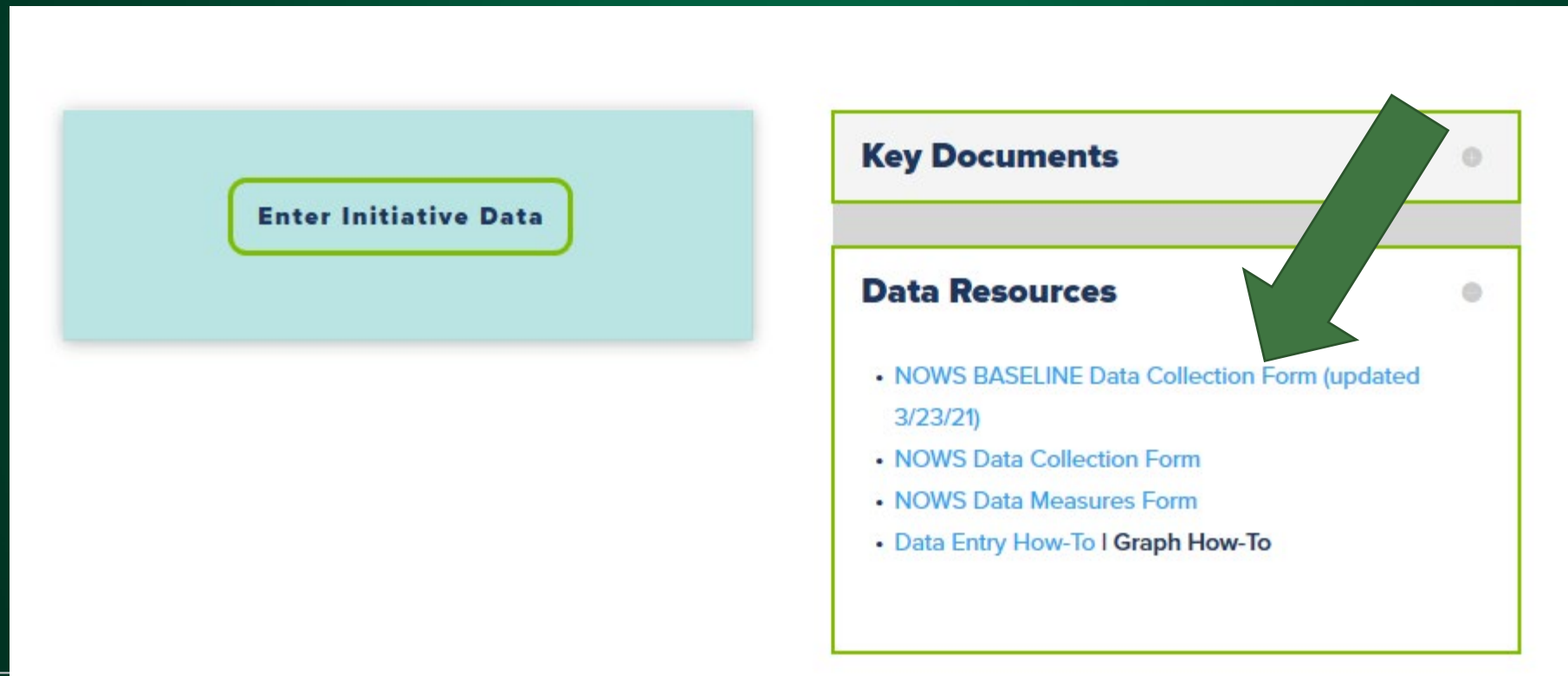
Meanwhile....

- I made sure I had appropriate access to AlaHA data portal
- Email yesterday



So I know what charts need review, now what?

Download the Nows baseline data collection form



The screenshot displays a web interface with two main sections. On the left, a light blue rectangular button with rounded corners contains the text "Enter Initiative Data" in a dark blue font. On the right, there is a white panel with a green border. This panel has two sections: "Key Documents" at the top, which is currently collapsed, and "Data Resources" below it, which is expanded. A large green arrow points from the "Key Documents" section down to the "Data Resources" section. The "Data Resources" section contains a bulleted list of links:

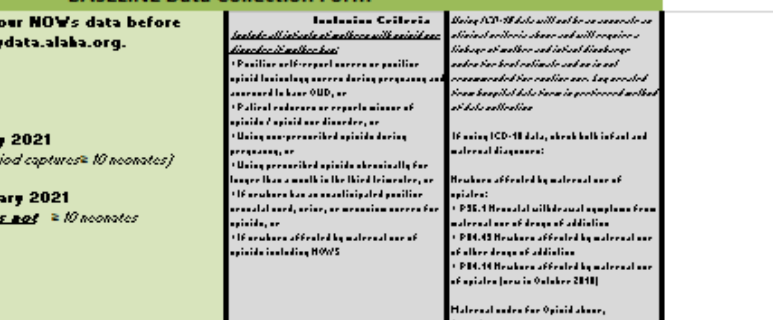
- [NOWS BASELINE Data Collection Form \(updated 3/23/21\)](#)
- [NOWS Data Collection Form](#)
- [NOWS Data Measures Form](#)
- [Data Entry How-To | Graph How-To](#)

This form guides data collection

- Data collection for baby is “credited” to the month of discharge
- The number of months for data collection depends on the number of babies
- Start in February 2021 and worked backwards to December or September 2020.
- Each month is a new sheet
- **Important: Include babies that are 35 weeks and greater**

ALPQC Neonatal Opioid Withdrawal Syndrome Initiative (NOWS)									
BASELINE Data Collection Form									
<p>Use this sheet to collect your NOWS data before entering it at http://qualitydata.alaska.org.</p> <p>Measurement Period:</p> <p>a) December 2020-February 2021 <i>This is sufficient if this time period captures ≥ 10 neonates</i></p> <p>b) September 2020 -February 2021 <i>If Dec-Feb time period <u>does not</u> ≥ 10 neonates</i></p>									
<p>35 weeks discharged per month with opioid exposure</p> <p>8 Moms with opioid exposure</p>									
<p>Count of Yes</p> <p>Rate</p>									
<p>Patient Race/Ethnicity Please select all that apply:</p>									
<p>Collection Sheet No.</p>									
<p>Obstetrical A: Was the mother on Medication for Opioid Use Disorder (MOUD)? (e.g. on prescribed methadone/ Subutex/etc.)</p>									
<p>Obstetrical B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge?</p>									
<p>Obstetrical C: Was Narcan counseling documented in the medical record prior to maternal discharge?</p>									
<p>Neonatal C: Did infant receive pharmacologic treatment?</p>									
<p>Neonatal D: If infant received pharmacologic treatment, for how many days did the infant receive</p>									
<p>Neonatal E: How many days old was the infant at discharge (Birth is day "0")</p>									
<p>Balancing Measure H: Was the infant readmitted for any cause within 10 days of</p>									
<p>Baseline-Feb2021 Baseline-Jan2021 Baseline-Dec2020 Baseline-Nov2020 Baseline-Oct2020 Baseline-Sep2020</p>									

This form guides data collection



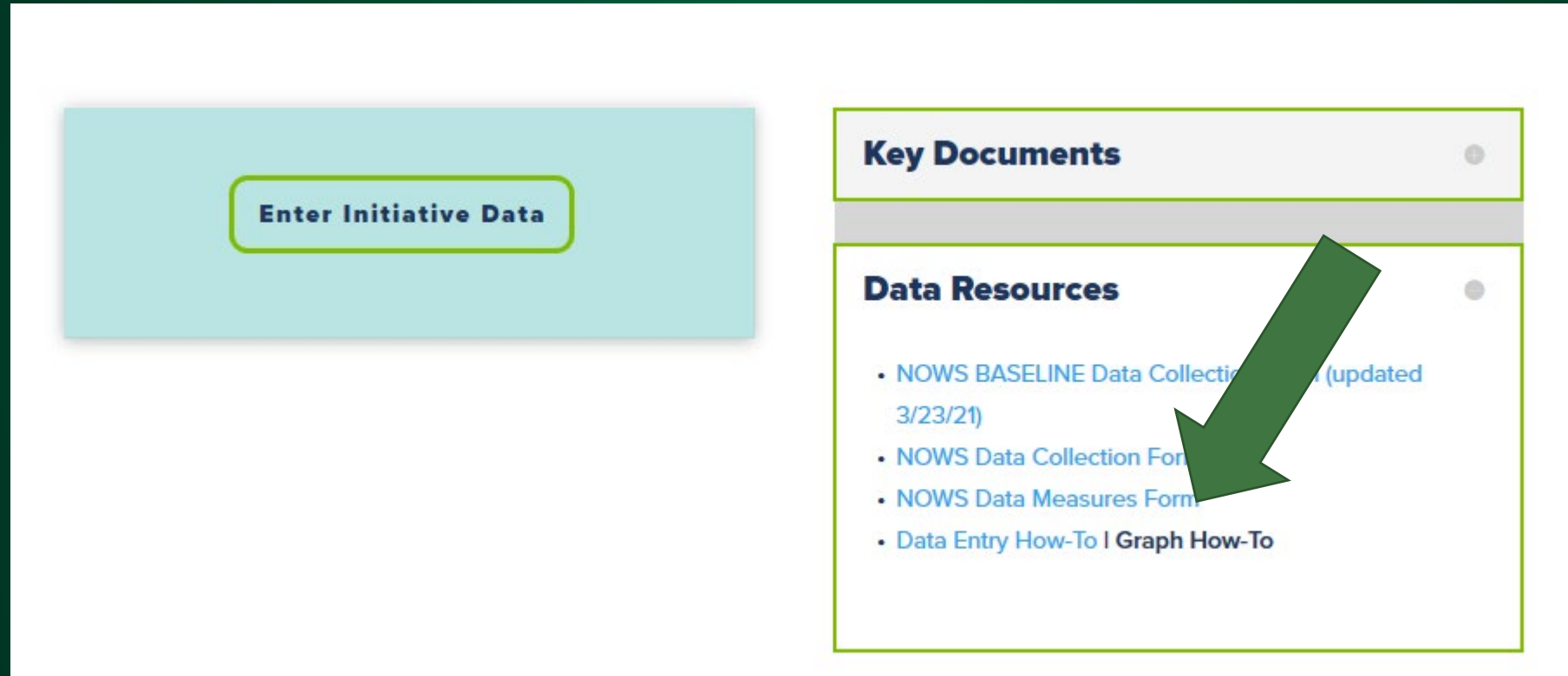
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For each month document:

- Number of moms and babies with opioid exposure
- The patient race/ethnicity
- The data points: 3 Mom questions & 4 baby questions
- Criteria for inclusion

I don't like Excel when doing chart reviews





ALPQC NOWS Data Collection Form

Outcomes, Process and Balancing Data Collection Form

Month: _____ Collection Sheet # _____ (assign a random number to help track data collection – no PI). Data entry portal: www.qualitydata.alaha.org

Patient Race/Ethnicity – Please select all that apply: (NH = Non-Hispanic)

☐ Hispanic or Latino ☐ NH American Indian or Alaska Native ☐ NH Asian ☐ NH Black or African American ☐ NH White ☐ Other ☐ Unknown

Obstetrical Data – Track only for moms who delivered at your facility and are now discharged

A: Was the mother on Medication for Opioid Use Disorder (MOUD)? (e.g. on prescribed methadone/ Subutex/etc.)	<input type="checkbox"/> Yes <input type="checkbox"/> No
B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge?	<input type="checkbox"/> Yes <input type="checkbox"/> No
C: Was Narcan counseling documented in the medical record prior to maternal discharge?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Monthly chart review form

- Word doc so I modified to match the data collected on the Excel document.

Denominator: All moms with opioid use disorder

Neonatal Data – Track only for infants who have been discharged and who were born at \geq than 36 weeks

A: Did infant have evidence of opioid withdrawal? (e.g. irritability, tremors, feeding problems, vomiting, diarrhea, sweating)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Numerator: Keyed answer “Yes” Denominator: All infants born to mother with opioid use disorder*
B: Was non-pharmacologic bundle used consistently with the infant?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Numerator: Keyed answer “Yes” Denominator: All infants born to mother with opioid use disorder*
C: Did infant receive pharmacologic treatment?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Numerator: Keyed answer “yes” Denominator: All infants born to mother with opioid use disorder*
D: If infant received pharmacologic treatment, for how many days did the infant receive treatment (Birth is day “0”)	Days on treatment	Answer: Average number of days per month infants were on pharmacologic treatment
E: How many days old was the infant at discharge (Birth is day “0”)	Days old at discharge	Answer: Average number of days NOWS infants were in the hospital.
F: Was Collaborative Discharge Plan completed prior to discharge of infant (see four components in Toolkit)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Numerator: Keyed answer “Yes” Denominator: All infants born to mother with opioid use disorder*
G: If born at your facility, how many days old was infant when transfer was received (Birth is day “0”)	Days old at transfer	Average: Average number of days NOWS infants were when received at transferring facility.

Balancing Measure

H: Was the infant readmitted for any cause within 10 days of discharge?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Numerator: Keyed answer “yes” Denominator: All infants born to mother with opioid use disorder*
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ALPQC NOWS Data Collection Form

Outcomes, Process and Balancing Data Collection Form

Month: _____ Collection Sheet # _____ (assign a random number to help track data collection – no PI). Data entry portal: www.qualitydata.alaha.org

Infant name _____ MR# _____ Acct # _____.

Mother name _____ MR# _____ Acct # _____.

Gestation Age _____ DOB _____ Admit date _____ DC date _____.

Substance exposure _____.

Patient Race/Ethnicity – Please select all that apply: (NH = Non-Hispanic)

☐ Hispanic or Latino ☐ NH American Indian or Alaska Native ☐ NH Asian ☐ NH Black or African American ☐ NH White ☐ Other ☐ Unknown

Obstetrical Data – Track only for moms who delivered at your facility

A: Was the mother on Medication Assisted Treatment (MAT)? (e.g. on prescribed methadone/ Subutex/etc.) ☐ Yes ☐ No Num Denom

B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge? ☐ Yes ☐ No Num Denom

C: Was Narcan counseling documented in the medical record prior to maternal discharge? ☐ Yes ☐ No Num Denom

Neonatal Data – Track only for infants who have been discharged and who were born at ≥ than 36 weeks

C: Did infant receive pharmacologic treatment? ☐ Yes ☐ No Num Denom

D: If infant received pharmacologic treatment, how many days did the infant receive treatment (Birth is day “0”) Days on treatment Answer: Average number of days per month infants were on pharmacologic treatment

E: How many days old was the infant at discharge (Birth is day “0”) Days old at discharge Answer: Average number of days NOWS infants were in the hospital.

Balancing Measure

H: Was the infant readmitted for any cause within 10 days of discharge? ☐ Yes ☐ No Numerator: Keyed answer “yes” Denominator: All infants born to mother with opioid use disorder*

*Include all infants of mothers with opioid use disorder if mother has:
• Positive self-report screen or positive opioid toxicology screen during pregnancy and assessed to have OUD, or
• Patient endorses or reports misuse of opioids / opioid use disorder, or
• Using non-prescribed opioids during pregnancy, or
• Using prescribed opioids chronically for longer than a month in the third trimester, or
• If newborn has an unanticipated positive neonatal cord, urine, or meconium screen for opioids, or

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If using ICD-10 data, check both infant and maternal diagnoses:
Newborn affected by maternal use of opiates
P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction
P04.49 Newborn affected by maternal use of other drugs of addiction

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Outcomes, Process and Balancing Data Collection Form

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Infant name _____ MR# _____ Acct # _____

Mother name _____ MR# _____ Acct # _____

Gestation Age _____ DOB _____ Admit date _____ DC date _____

Substance exposure _____

Patient Race/Ethnicity – Please select all that apply: (NH = Non-Hispanic)

☐ Hispanic or Latino ☐ NH American Indian or Alaska Native ☐ NH Asian ☐ NH Black or African American ☐ NH White ☐ Other ☐ Unknown

Obstetrical Data – Track only for moms who delivered at your facility and are now discharged

A: Was the mother on Medication Assisted Treatment (MAT)? (e.g. on prescribed methadone/ Subutex/etc.)

☐ Yes
☐ No

B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge?

☐ Yes
☐ No

C: Was Narcan counseling documented in the medical record prior to maternal discharge?

☐ Yes
☐ No

Neonatal Data – Track only for infants who have been discharged and who were born at \geq than 3

C: Did infant receive pharmacologic treatment?

☐ Yes
☐ No

D: If infant received pharmacologic treatment, how many days did the infant receive treatment (Birth is day "0")

Days on treatment

E: How many days old was the infant at discharge (Birth is day "0")

Days old at discharge

Balancing Measure

H: Was the infant readmitted for any cause within 10 days of discharge?

☐ Yes
☐ No

*Include all infants of mothers with opioid use disorder if mother has:

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- **Month is discharge month for infant**

Denominator: All infants born to mother with opioid use disorder*

Answer: Average number of days per month infants were on pharmacologic treatment

Answer: Average number of days Nows infants were in the hospital.

Numerator: Keyed answer "yes"

Denominator: All infants born to mother with opioid use disorder*

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Mother name _____ MR# _____ Acct # _____

Gestation Age _____ DOB _____ Admit date _____ DC date _____

Substance exposure _____

Patient Race/Ethnicity – Please select all that apply: (NH = Non-Hispanic)

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Obstetrical Data – Track only for moms who delivered at your facility and are now discharged

A: Was the mother on Medication Assisted Treatment (MAT)? (e.g. on prescribed methadone/ Subutex/etc.) ☐ Yes ☐ No

B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge? ☐ Yes ☐ No

C: Was Narcan counseling documented in the medical record prior to maternal discharge? ☐ Yes ☐ No

Neonatal Data – Track only for infants who have been discharged and who were born at \geq than 36

C: Did infant receive pharmacologic treatment? ☐ Yes ☐ No

D: If infant received pharmacologic treatment, how many days did the infant receive treatment (Birth is day "0") Days on treatment _____

E: How many days old was the infant at discharge (Birth is day "0") Days old at discharge _____

Balancing Measure

H: Was the infant readmitted for any cause within 10 days of discharge? ☐ Yes ☐ No

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- Month is discharge month for infant
- **Look at gestational age first – less than 35 weeks is excluded**

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Mother name _____ MR# _____ Acct # _____

Gestation Age _____ DOB _____ Admit date _____ DC date _____

Substance exposure _____

Patient Race/Ethnicity Please select all that apply: (NH = Non-Hispanic)

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Obstetrical Data – Track only for moms who delivered at your facility and are now discharged

A: Was the mother on Medication Assisted Treatment (MAT)? (e.g. on prescribed methadone/ Subutex/etc.) ☐ Yes ☐ No

B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge? ☐ Yes ☐ No

C: Was Narcan counseling documented in the medical record prior to maternal discharge? ☐ Yes ☐ No

Neonatal Data – Track only for infants who have been discharged and who were born at ≥ than 36

C: Did infant receive pharmacologic treatment? ☐ Yes ☐ No

D: If infant received pharmacologic treatment, how many days did the infant receive treatment (Birth is day “0”) Days on treatment _____

E: How many days old was the infant at discharge (Birth is day “0”) Days old at discharge _____

Balancing Measure

H: Was the infant readmitted for opioid use within 10 days of discharge? ☐ Yes ☐ No

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- Month is discharge month for infant
- Look at gestational age first – less than 35 weeks is excluded
- **Next look at substance exposure – Opioid only**

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Mother name _____ MR# _____ Acct # _____

Gestation Age _____ **DOB** _____ Admit date _____ DC date _____

Substance exposure _____

Patient Race/Ethnicity – Please select all that apply: (NH = Non-Hispanic)

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A: Was the mother on Medication Assisted Treatment (MAT)? (e.g. on prescribed methadone/ Subutex/etc.) ☐ Yes ☐ No

B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge? ☐ Yes ☐ No

C: Was Narcan counseling documented in the medical record prior to maternal discharge? ☐ Yes ☐ No

Neonatal Data – Track only for infants who have been discharged and who were born at \geq than 36

C: Did infant receive pharmacologic treatment? ☐ Yes ☐ No

D: If infant received pharmacologic treatment, how many days did the infant receive treatment (Birth is day "0") Days on treatment _____

E: How many days old was the infant at discharge (Birth is day "0") Days old at discharge _____

Balancing Measure

H: Was the infant readmitted for any cause within 10 days of discharge? ☐ Yes ☐ No

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- I printed a stack, stapled them and numbered the sheets
- Month is discharge month for infant
- Look at gestational age first – less than 35 weeks is excluded
- Next look at substance exposure – Opioid only
- **You need to know this information to be able to calculate data for Neonatal Data item E**

Outcomes, Process and Balancing Data Collection Form

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Mother name _____ MR# _____ Acct # _____

Gestation Age _____ **DOB** _____ Admit date _____ DC date _____

Substance exposure _____

Patient Race/Ethnicity – Please select all that apply: (NH = Non-Hispanic)

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Obstetrical Data – Track only for moms who delivered at your facility and are now discharged

A: Was the mother on Medication Assisted Treatment (MAT)? (e.g. on prescribed methadone/ Subutex/etc.) ☐ Yes ☐ No

B: Was the mother either a) already receiving or b) referred to addiction services prior to maternal discharge? ☐ Yes ☐ No

C: Was Narcan counseling documented in the medical record prior to maternal discharge? ☐ Yes ☐ No

Neonatal Data – Track only for infants who have been discharged and who were born at \geq than 36 weeks

C: Did infant receive pharmacologic treatment? ☐ Yes ☐ No

D: If infant received pharmacologic treatment, how many days did the infant receive treatment (Birth is day "0") Days on treatment _____

E: How many days old was the infant at discharge (Birth is day "0") Days old at discharge _____

Balancing Measure

H: Was the infant readmitted for any cause within 10 days of discharge? ☐ Yes ☐ No

*Include all infants of mothers with opioid use disorder if mother has:

- Positive self-report screen or positive opioid toxicology screen during pregnancy and assessed to have OUD, or
- Patient endorses or reports misuse of opioids / opioid use disorder, or
- Using non-prescribed opioids during pregnancy, or
- Using prescribed opioids chronically for longer than a month in the third trimester, or
- If newborn has an unanticipated positive neonatal cord, urine, or meconium screen for opioids, or

Using ICD-10 data
linkage of mother
recommended for
data collection.

If using ICD-10 data, check both infant and maternal diagnoses:

Newborn affected by maternal use of opiates

P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction

P04.49 Newborn affected by maternal use of other drugs of addiction

- I am the only one who will see this document so I do note PI
- I printed a stack, stapled them and numbered the sheets
- Month is discharge month for infant
- Look at gestational age first – less than 35 weeks is excluded
- Next look at substance exposure – Opioid only
- You need to know this information to be able to calculate data for Neonatal Data item E
- **I write in the Days old at discharge here**

After all the data is collected

I transfer the information to the Excel document NOWS Baseline Data Collection form

Enter the data from spreadsheet to AlaHA data portal

My concerns

Balancing measure

- Infant readmit within 10 days of discharge
- This balancing measure is used to determine that if we impact LOS, which is a ALPQC NOWS Initiative goal, are influencing readmission rates.
- Might be really hard to track

How many days old at discharge

- Challenge if the infant was transferred to another facility
- Would it be correct to interpret the transfer as the discharge?

Data Portal Review

<https://qualitydata.alaha.org>

PDSA Cycles

PDSA

- Happening constantly
- Not all changes result in improvement
- Important to adapt components of the change package to the actual environment
- Start with small tests of change
- PDSA **cycles**

Plan

- Assemble a team
- Identify the issue
- Ask basic questions:
 - How do we do it?
 - What are steps in the process?
 - Who should we involve?
 - How can we reduce variation in the process?
- Predict what will happen

Do

- Test your idea
- Prepare (training, resources)
- Start small (n=1); less risk, work out kinks
- Monitor your progress (continuous system)

Study

- Reflect on your test
- What has changed?
- Was it effective?
- Changes worth keeping?
- How does this differ from your prediction?

Act

- Adapt, Adopt, Abandon
- Act on your reflection
- Implement positive changes
- Consider spread
- If negative results, consider removing/revising
- Failures during testing can be useful!

TEST DETAILS
Project Name: ALPQC NOWS Initiative
Project SMART Aim: <input checked="" type="checkbox"/> Reduce length of stay by 20% <input checked="" type="checkbox"/> Reduce exposure to pharm care by 20% <input type="checkbox"/> Increase the percentage of infants discharged with a coordinated care plan to 95%
Component of Change Package: <input type="checkbox"/> Stigma Reduction <input type="checkbox"/> Withdrawal Scoring <input checked="" type="checkbox"/> Non-Pharmacologic Care <input type="checkbox"/> Transfer Policy <input type="checkbox"/> Pharmacologic Guidelines <input type="checkbox"/> Coordinated Care Plan
Test Name: Nursing implementation of non-pharmacologic guidelines
Test Start Date: 4/1/2021
Test Complete Date: 5/1/2021
What key driver does this test impact? Non-pharmacologic care standardization
What is the objective of the test? To increase the use of non-pharm care in opiate exposed newborns so as to reduce the number of infants requiring pharmacologic care.



PLAN:

Briefly describe the test: We have developed a comprehensive non-pharm guideline to implement at bedside including: 1) reduction of stimuli 2) swaddling 3) non-nutritive sucking 4) on demand feeding 5) clustered care. All nursing staff has been provided with education on this intervention to occur prior to consideration of pharmacologic treatment.

How will you measure the success of this test? The number of infants with NOWS symptoms that have nursing documentation of these non-pharm interventions.

What would success look like? 1) >90% of NOWS infants receiving non pharm care

What do you predict will happen? There may be inconsistency in the documentation as well as implementation of non-pharm care at the bedside.

Plan for collection of data: Nurses will complete the bedside non-pharm checklist for each assessment.

Tasks:

Name of Task	Person Responsible	Dates:	Location
Form Collection	Julie (RN)	4/1-5/1	Red pod
Nursing Reminders at huddles on Monday	Barbara (Nurse Educator)	4/1-5/1	Red pod
Just in time education when a baby with NOWS is admitted	Barbara (Nurse Educator)	4/1-5/1	Red pod

DO:

Was the cycle carried out as planned? ☒ Yes ☐ No

Record data and observations: We had 3 infants with NOWS during this monitoring period.

What did you observe that was not part of the plan? Some data forms were not returned.

STUDY:

Did the results match your predictions? ☐ Yes ☒ No

Compare the result of your test to your previous performance: There was inconsistency in what components of non-pharmacologic care were performed/documented. There were also many assessments in which there was no documentation. Additionally, in some instances, families created a stimulating environment.

What did you learn? We need to better specify our expectations for nursing staff and continue with nursing huddles/reminders to emphasize the need for documentation. Family education needed.

ACT: Decide to Adapt, Adopt, or Abandon

☒ Adapt: Improve the change and continue testing the plan.

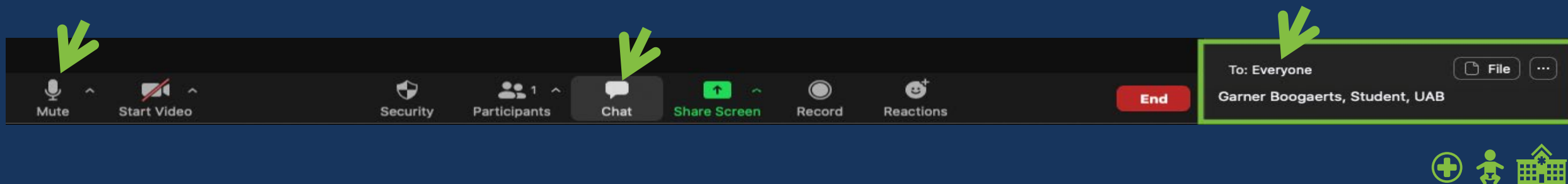
Plan/changes for the next test: Modify our bedside worksheet. Weekly updates via nursing huddle regarding form completion. Education pamphlet for families regarding non-pharm care.

☐ Adopt: Select changes to implement on a larger scale and develop an implementation plan and plan for sustainability

☐ Abandon: Discard the change idea and try a different one

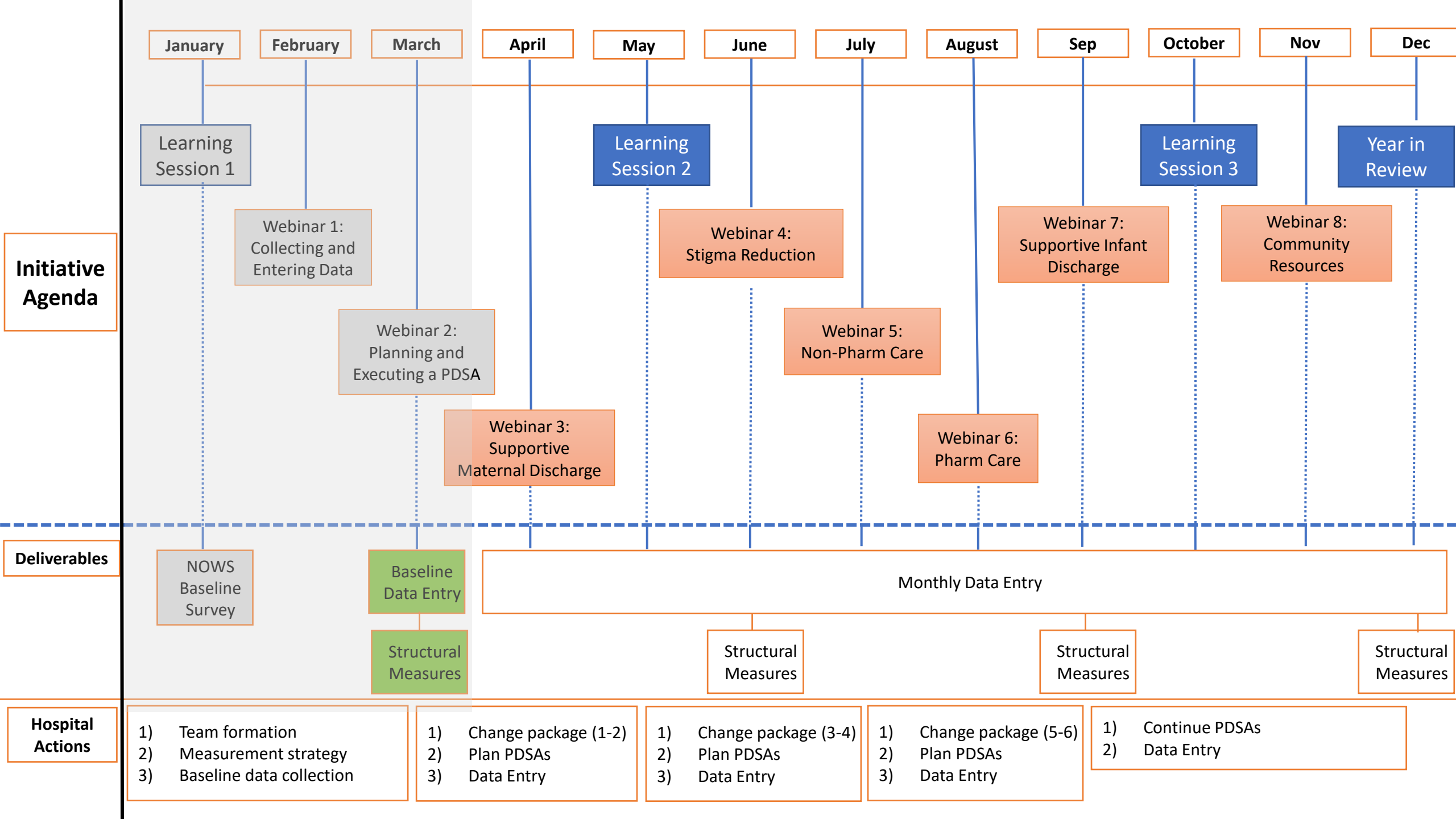
Q&A

- Please feel free to **unmute** and ask questions
- You may also enter comments or questions in the "chat" box (with **Everyone** selected)



Next Steps

- Submit NOWS Baseline Data and Structural Measures due March 31, 2021
- March of Dimes Breaking Through Bias 1-hr online training
 - Complete training before March 31, 2021.
- Please complete your data use agreement
- Continue running PDSAs!
 - Samples and template on our website under “Key Documents”





Thank You

Next Call: Wednesday, April 28 at 12:00 PM