MNO-Neo Teams Call: Strategies for Success: Creating MNO-Neo Folders for Success and Launching a MNO-Neo Education Campaign

December 16th, 2019
1:00 – 2:00pm
Call Overview

• ILPQC 7th Annual Conference Recap
• MNO-Neonatal Data- Let’s Celebrate our Great Improvements!
• Strategies for Success-
  – Creating MNO-Neo Folders
  – Launching an MNO-Neo Education Campaign
• ILPQC New Mentor Program
• QI Corner
• Back to BASICs (Babies Antibiotic Stewardship Improvement Collaborative) 2020 Updates
• Wrap-up/Key Points
ANNUAL CONFERENCE RECAP
Annual Conference Recap

- 430 Attendees!
- 80 hospitals from across Illinois/Missouri attended
- 7 national & local invited speakers
- 54 Quality Improvement posters (Record number!)
- 50+ Quality Improvement Awards awarded
Annual Conference Discussion

Share your thoughts...
CONGRATULATIONS
MNO-Neo QUALITY IMPROVEMENT
AWARD WINNERS
ILPQC MOTHERS AND NEWBORNS AFFECTED BY OPIOIDS INITIATIVE

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<thead>
<tr>
<th>QI Leader: Systems &amp; Culture Change</th>
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<tr>
<td>Elmhurst Memorial Hospital</td>
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<td>Rush Copley Medical Center</td>
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<td>AMITA Health Saint Joseph Hospital Chicago</td>
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<tr>
<th>QI Leader: Systems Change</th>
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<td>Loyola University Medical Center</td>
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<td>Northwestern Medicine Central DuPage Hospital</td>
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MNO-Neo Award Criteria

MNO-Neonatal Monthly Structure Measures: MUST HAVE ALL 4 IN PLACE by September 2019
- Implemented a Prenatal Consult protocol In PLACE
- Implemented a standardized pharmacologic treatment protocol In PLACE
- Implemented a standardized non-pharmacologic bundle of care protocol In PLACE
- Implemented a standardized coordinated discharge plan In PLACE

MNO-Neonatal Monthly Women with OUD Process & Outcome Measures:
Number achieved
- OENs receiving breastmilk from eligible mothers at infant discharge =70% (Outcome Measure)
- OENs with NAS symptoms receiving pharmacologic treatment =20% (Outcome Measure)
- OENs discharged with a coordinated discharge plan =90% (Outcome Measure)

(Please submit no later than October 15th)
Face to Face MNO-Neo QI Awards

Award criteria will be the same, but for a different time period:

• **ALL Patient & Structure Measures Submitted:**
  - Baseline and July 2018 - March 2020 data
  *note: if any monthly data is missing, a team won’t qualify for an award*

• **Structure Measures ‘IN PLACE’ by March 2019:**
  - Neonatal Prenatal Consult
  - Non-Pharmacologic Protocol
  - Pharmacologic Protocol
  - Discharge Plan

• **Outcome Measures Achieved:**
  - Breastfeeding >70%
  - Pharm treatment <20%
  - Discharge plan >95%

DATA DUE MONDAY, APRIL 27th at MIDNIGHT
MNO-NEO DATA REVIEW

WHO IS DOING GREAT WORK?

MNO-NEONATAL TEAMS ARE, THAT'S WHO!
Non-Pharm Care Structure Measure

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<th>In Place</th>
<th>Working On It</th>
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<td>39%</td>
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<td>Oct-19</td>
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Discharge Structure Measure


- In Place
- Working On It
- Have Not Started

- 0%
- 10%
- 20%
- 30%
- 40%
- 50%
- 60%
- 70%
- 80%
- 90%
- 100%
OENs Receiving Maternal Breast milk from Eligible Mothers

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Goal: 70%
OENs Requiring Pharmacologic Treatment for NAS

- % of all OENs
- % of OENs with NAS Symptoms
- Goal

Baseline (2017)
OENs Discharged with a Safe Discharge Plan

Baseline 2017

- Jul-17: 39%
- Aug-17: 38%
- Sep-17: 50%
- Oct-17: 52%
- Nov-17: 55%
- Dec-17: 40%
- Jan-18: 41%
- Feb-18: 40%
- Mar-18: 47%
- Apr-18: 52%
- May-18: 49%
- Jun-18: 55%
- Jul-18: 46%
- Aug-18: 49%
- Sep-18: 62%
- Oct-18: 62%

Goal: 100%
Median Length of Stay for OENs with NAS Symptoms

All Hospital Median

All Hospital Min

All Hospital Max

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<td>Min</td>
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All Hospital Median

All Hospital Min

All Hospital Max
How do we help every team achieve MNO initiative aims

• How can we help you achieve success with system changes – and get to green on all structure measures?
• How can we help teams achieve success with engaging the care team in clinical culture change?
  – Are your structure measures in place and getting to goal?
  – Is the clinical care team engaged in active clinical culture change when treating infants with NAS?
  – Are the key messages getting to providers/nurses / social workers?
  – Are teams using the NAS Clinical Debrief Review Form for every newborn treated for NAS and provide feedback to clinical team?
MNO Success means engaging in Key Strategies

- Work to reduce stigma across the clinical team to engage and empower mothers
- Partner with moms as the best option to provide non-pharm care as the first line treatment for NAS
- Use a standardize NAS pharm protocol to use as necessary for tx of NAS
- Utilize a NAS signs and symptoms assessment tool & observe for 5-7 days
- Coordinate discharge care through clinical readiness and completion of the MNO Discharge checklist

Debrief every newborn with

**NAS Clinical Debrief Review Form**

Review and provide feedback to the clinical care team
Key Strategies for MNO Success - What every hospital needs to achieve aims

- Implementation of an NAS assessment tool to assist in partnering with mothers/families in providing non-pharm care as the 1st line tx.

- Create MNO folders to store in common area for nurse to pull for every OEN. Engage all clinical care team members with key tools and provide materials to mothers/families.

- Hang posters, hand out flyers, and provide online training, Grand Rounds and MNO talks at provider meetings.

- Implementation of a NAS Clinical Debrief Review Form with the clinical team for every infant with NAS.

Key strategies we will be discussing today:

- NAS signs and symptoms assessment tool
- MNO-Neo Folders
- MNO-Neo Education Campaign
- NAS Clinical Debrief
MNO-Neo Folder

- Make folders & store in common area
- Train charge nurses to get folder when made aware of OEN for prenatal consult or newborn admission
- Share all the info with clinical care team

**Patient Education Materials**
- NAS- You are the Treatment
- NAS: What you Need to Know
- ILPQC Newborn Care Diary

**Clinical Team Resources**
- Prenatal Consult Checklist
- NAS Assessment tool (if needed)
- ILPQC Infant Bedside Sheet
- Your hospitals prn pharm guidelines
- St. Mary’s Decision Tree
- Breastfeeding Guidelines
- MNO Discharge Worksheet
- MNO Discharge Checklist
- NAS Clinical Debrief Review Form

Give to and review with Moms
MNO-Neo Education Campaign Strategies

• NAS Assessments and e-training
  – ESC Simulation and Debrief Training Video
  – Engaging Moms in Non-pharm Care Training Video

• Provider Education Campaign Posters & Flyers

• MNO-Neo Grand Rounds or Department Meetings

• Implement stigma & bias education
  – Words Matter e-Module from ILPQC Annual Conference
  – Trauma-Informed Care e-Modules
  – Stigma & OUD: What Pediatricians Need to Know online webinar
Breakdown of Education Campaign

- **What**: Provides **key messages and strategies** every member of the clinical care team should know about treatment for NAS

- **How to use**: Post this in your common area to be seen by ALL team members (e.g. doctors lounge, nurses lounge, charting areas)

- **What**: Provides key messages about **Mothers are the BEST treatment options** for all infants with NAS

- **How to use**: Post this in your common area to be seen by ALL staff to see along with the Key Messages Poster

Use your phone to scan the QR code to be directed toward ILPQC resources
What you need to know

Mothers and Newborns Affected by Opioids (MNO)

Neonatal Abstinence Syndrome (NAS)
The rise of opioid use in pregnancy has led to a significant increase in Neonatal Abstinence Syndrome (NAS), a drug withdrawal symptom in newborns. Significant increase in NAS admission in Illinois a percent increase of 64% between 2011 and 2017 has been reported. Every neonatal caregiver need to know key strategies including NAS symptom assessment, appropriate treatment and coordinating a safe discharge.

Key strategies for the care team

**Important resources for the care team**

**IL-PQC Toolkit & Resources**
Mothers and Newborns Affected by Opioids (MNO) Initiative
www.ilpqc.org
Email: info@ilpqc.org

**IL-PQC Neonatal Abstinence Syndrome (NAS)**
Mother's are the best treatment for infants with NAS

First line treatment for OENs should be engaging mothers and family members in optimizing the non-pharmacological bundle of care. Healthcare providers can help empower mothers and family members in recognizing the symptoms of NAS and support them in learning to understanding their infants.

For more resources visit ilpqc.org
Breakdown of Education Campaign

• **What**: Is an easy to read reference guide about breastfeeding and contraindications for various substances use

• **How to use**: Post this in your common area to be seen by ALL team members (e.g. doctors lounge, nurses lounge, charting areas)

• **What**: Provides key message and resource about key elements that make up a Coordinated Discharge for all infants with NAS

• **How to use**: Post this in your common area to be seen by ALL staff to see along with the Key Messages Poster

Use your phone to scan the QR code to be directed toward ILPQC Discharge resource
Support Breastfeeding

When is it safe to provide mother's milk to an infant?

Breastfeeding guidelines for healthcare providers to support mothers and newborns in breastfeeding

- Cocaine
- HIV+
- Heroin
- Cannabis
- Herpes
- Hep B or C+
- Nicotine
- MAT therapy
- Oxycodone
- Lorazepam
- SSRIs

Are you ready for DISCHARGE?

What is a Coordinated Discharge? Completion of MNO Neonatal Checklist

Includes the following elements:

- Transfer of Care
- Clinical Readiness
- Family Preparedness

Mothers and Newborns Affected by Opioids (MNO) Initiative

Download the resource here
*NEW* ILPQC MENTOR PROGRAM
MNO Regional Strategies for Success Calls/Meetings Coming Soon

- ILPQC is working with the **perinatal network administrators**, network **hospital QI teams**, and **mentor hospitals** in each perinatal network to **hold a regional network call/meeting for all MNO teams**

- Call will focus on **Key Strategies for Success with data review, mentor support, and discussion of regional strategies** to help ALL hospitals in each perinatal network achieve the MNO AIMs

- **Goal is for every network to achieve highest % of teams possible receiving MNO QI Award Plaques at Face to Face**

- Stay tuned for more information from your network
QI CORNER
QI Consultation - Launching an MNO-Neo Education Campaign

• Why has your team decided to launch an “Education Campaign”?

• What key strategies are you currently focusing on?
  1. Flyers/Posters
  2. Peds Department Meeting, will have 30min to share
  3. MNO-Neo Folders
QI Consultation for launching an MNO Education Campaign

1. Peds Department Meeting
   - Reached out to ILPQC and scheduled a 30min Department Meeting about the MNO Project

2. Flyers/Posters
   - Printed the flyers and posted in various places & units

3. MNO-Neo Folders
   - Charge nurses will be responsible for maintaining the supply
## Upcoming MNO-Neonatal Teams Calls

<table>
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<tr>
<th>Date</th>
<th>Topic</th>
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<tr>
<td>January, 2020</td>
<td><strong>Canceled</strong> due to MLK Holiday</td>
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<tr>
<td>February 17(^{th}), 2020</td>
<td>NAS Pharmacological Treatment; PRN vs. Standard Dosing</td>
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<td>March 16(^{th}), 2020</td>
<td>NAS Care Coordination; Providing a prenatal consult and coordination with NICUs and newborn nurseries</td>
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<tr>
<td>April 20(^{th}), 2020</td>
<td>Preparing for Sustainability (Sustainability Plan, Compliance Monitoring, Ongoing &amp; New Hire Education)</td>
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BASIC
Babies Antibiotic Stewardship Improvement Collaborative

ILPQC 2020 NEONATAL QI INITIATIVE
## Initiative Timelines

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<th>Status</th>
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<td>MNO-Neo (Active Initiative)</td>
<td>Transition to sustainability May 2020</td>
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<tr>
<td>MNO-Neo (Sustainability)</td>
<td>Start June 2020, focused data collection, quarterly webinars</td>
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<tr>
<td>BASIC Workgroup</td>
<td>Start January 2020 through May 2020 <em>Email <a href="mailto:Dweiss@northshore.org">Dweiss@northshore.org</a> if interested in participating on workgroup</em></td>
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<tr>
<td>BASIC Wave 1</td>
<td>Start June 2020</td>
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<tr>
<td>BASIC Statewide Launch</td>
<td>Start September 2020</td>
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Contact Us

- Email info@ilpqc.org or visit us at www.ilpqc.org

- ILPQC website is going through a transition in response to your needs and feedback
- Our soft launch was at the end of November to ensure you have continued access to active initiative toolkits
- We are working to finish the transition by the end of December and to manage future updates at ILPQC Central by the end of January

ILpqc.org has a new look with new functions coming soon!
- Direct link to REDCap
- Quick access to webinars
- Provider/clinical quick start resources
- News and event tabs
THANKS TO OUR FUNDERS