Neonatal Monthly Webinar

VON NAS Universal Training

May 14, 2019

2:00-3:00pm
Neonatal Initiative Participation

- 44 hospitals
- Covering 66% of births in Georgia

<table>
<thead>
<tr>
<th>Level of Care</th>
<th># of NAS Hospitals</th>
<th>% Participation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level I</td>
<td>11 of 23</td>
<td>48%</td>
</tr>
<tr>
<td>Level II</td>
<td>13 of 22</td>
<td>59%</td>
</tr>
<tr>
<td>Level III (not including RPCs)</td>
<td>14 of 24</td>
<td>58%</td>
</tr>
<tr>
<td>RPC</td>
<td>6 of 6</td>
<td>100%</td>
</tr>
</tbody>
</table>
# Neonatal Initiative Participation

<table>
<thead>
<tr>
<th>Perinatal Region</th>
<th># of NAS Hospitals</th>
<th>% of Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany</td>
<td>4 of 7</td>
<td>57%</td>
</tr>
<tr>
<td>Atlanta</td>
<td>20 of 31</td>
<td>65%</td>
</tr>
<tr>
<td>Augusta</td>
<td>2 of 6</td>
<td>33%</td>
</tr>
<tr>
<td>Columbus</td>
<td>4 of 9</td>
<td>44%</td>
</tr>
<tr>
<td>Macon</td>
<td>9 of 11</td>
<td>82%</td>
</tr>
<tr>
<td>Savannah</td>
<td>5 of 11</td>
<td>45%</td>
</tr>
</tbody>
</table>

*Does not include stand-alone birth centers/military facilities*
A Universal Training Solution Aimed at Improving Outcomes for Infants and Families Affected by NAS
VON Universal Training Program for NAS

VON NAS Universal Training

John McGregor, EdD

Learning Systems Manager
Vermont Oxford Network
Team Aim for Measurable Improvement

Learn

Measure

Improve

Share
VON NAS Statewide Partnerships
Why Collaboration and Universal Training?

AIM 1
Engage centers in a multi-center QI collaborative focused on improving the quality, safety and value of care for substance exposed infants and families.

AIM 2
Promote the rapid cycle adoption of the AAP NAS guidelines into clinical practice by standardizing NAS-relevant policies and practices.
From AAP Guidelines to Action

CLINICAL REPORT

Neonatal Drug Withdrawal
From AAP Guidelines to Action

Even when we have good quality evidence and consensus about best practices...

It takes ~15 years for the evidence to reach 50% of the patients who would benefit!
From AAP Guidelines to Action

~ 50% of Infants With NAS Are Cared for in Community Hospital Settings With No NICU . . .

Many will not yet have comprehensive treatment programs!
Small Tests of Change
Potentially Better Practices (PBPs)

“We will not know if they are truly better until we adapt them to our local context, implement them, and measure the results.”

Universal Training Overview

**May 14th** – VON NAS Universal Training Webinar

**June 1st** – Getting Started
- Participation Agreements completed and returned by centers participating in July VON Day Audit

**June-Ongoing** - Enrollment into VON Online Learning

**July 9th–13th** - VON Day Audit #1
- Information and resources available at [http://public.vtoxford.org/nas-von-days/](http://public.vtoxford.org/nas-von-days/)

**July 2019-July 2021** – Ongoing Implementation
- Users complete lessons
- Monthly reporting communicated
- VON Champions engage/motivate users to complete lessons
Universal Training Overview

• Users will continue to complete lessons

• Monthly reporting:
  • Lesson completion for users at each center
  • Report centers that achieved centers of excellence
  • Highlight use and progress
  • Motivation ideas

• VON Day Audit #2 occurs in July 2021

• Centers of Excellence are identified at completion of implementation
Who is the ideal VON Champion?

- Someone involved in day-to-day practice with core team
- Someone who regularly interacts with EMR
- Lead role or administrator
VON Champion Holds the “Key” to the Online Classroom

1. Identify users to be enrolled
2. Become a Super-User on the LMS
3. Motivate and keep users engaged
Center of Excellence

Optional for Centers:

1. VON Champions will identify the core team on the enrollment spreadsheet (minimum of 25 users*).

2. Each month, we will send a statewide use report that shows the progress for each center’s core team.

3. Once a center’s core team completes all 18 NAS lessons, they will become a VON Center of Excellence.

4. When 85% of all Core Teams complete the NAS lessons, the state will be designated as a VON State of Excellence.

*If a center enrollment is less than 25, all core team members must complete the lessons.
How to Log On to the VON Learning System

Users can then log on to our Learning System

1. Go to...

   vtoxford.org/learning

2. Click on...

   Login to edX:
How to Set Your VON Username and Password

To log onto our Online Learning site, you will need to set your VON password.

1. Go to...
   vtoxford.org/LMS

2. Click on...
   Forgot your password?
How to Set Your VON Username and Password

Your username is the email your VON Champion submitted on the Enrollment Spreadsheet

3. Enter your email and click *Get Password*
4. Users will receive an automatic email that includes a link and instructions to set their password.
How to Log On to the VON Learning System

Users can then log on to our Learning System

1. Go to...

vtoxford.org/learning

2. Click on...

Login to edX:
3. Enter your VON username and password and click *Login*
How to Access the VON NAS Lessons

4. Under the *Universal Training Program for NAS*, click *Go to Course Homepage*
How to Access the VON NAS Lessons

5. Users will see a list of the NAS lessons. Click *Go to Micro-Lesson* to access a lesson.
6. Click *Toolkit* to access the Toolkit
# POTENTIALLY BETTER PRACTICES (PBPs)

The suggested PBPs are focused on developing and implementing a standardized process for the identification, evaluation, treatment, and discharge management of an infant with neonatal abstinence syndrome:

<table>
<thead>
<tr>
<th>PBP 1</th>
<th>Develop and implement a standardized process for the identification, evaluation, treatment and discharge of infants with NAS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBP 2</td>
<td>Develop and implement a standardized process for measuring and reporting rates of neonatal abstinence syndrome and drug exposure.</td>
</tr>
<tr>
<td>PBP 3</td>
<td>Create a culture of compassion, understanding, and healing for the mother-infant dyad affected by the problem of neonatal abstinence syndrome.</td>
</tr>
<tr>
<td>PBP 4</td>
<td>Provide care for infants and families in sites that promote parental engagement in care and avoid separation of mothers and infants.</td>
</tr>
<tr>
<td>PBP 5</td>
<td>Engage mothers and family members in providing non-pharmacologic interventions as “first-line” therapy for all substance-exposed infants.</td>
</tr>
<tr>
<td>PBP 6</td>
<td>Develop clear eligibility criteria for breastfeeding and actively promote and support breastfeeding by eligible mothers.</td>
</tr>
<tr>
<td>PBP 7</td>
<td>Develop a standardized process to ensure safe discharge into the community.</td>
</tr>
<tr>
<td>PBP 8</td>
<td>Provide interdisciplinary universal education and training to all caregivers who may encounter substance-exposed infants and families.</td>
</tr>
</tbody>
</table>
POTENTIALLY BETTER PRACTICES (PBPs)

The suggested PBPs are focused on developing and implementing a standardized process for the identification, evaluation, treatment, and discharge management of an infant with neonatal abstinence syndrome:

<table>
<thead>
<tr>
<th>PBP</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBP 1</td>
<td>Develop and implement a standardized process for the identification, evaluation, treatment and discharge of infants with NAS.</td>
</tr>
<tr>
<td>PBP 2</td>
<td>Develop and implement a standardized process for measuring and reporting rates of neonatal abstinence syndrome and drug exposure.</td>
</tr>
<tr>
<td>PBP 4</td>
<td>Provide care for infants and families in sites that promote parental engagement in care and avoid separation of mothers and infants.</td>
</tr>
<tr>
<td>PBP 5</td>
<td>Engage mothers and family members in providing non-pharmacologic interventions as “first-line” therapy for all substance-exposed infants.</td>
</tr>
<tr>
<td>PBP 6</td>
<td>Develop clear eligibility criteria for breastfeeding and actively promote and support breastfeeding by eligible mothers.</td>
</tr>
<tr>
<td>PBP 7</td>
<td>Develop a standardized process to ensure safe discharge into the community.</td>
</tr>
<tr>
<td>PBP 8</td>
<td>Provide interdisciplinary universal education and training to all caregivers who may encounter substance-exposed infants and families.</td>
</tr>
</tbody>
</table>
## POTENTIALLY BETTER PRACTICES (PBP)

The suggested PBP are focused on developing and implementing a standardized process for the identification, evaluation, treatment, and discharge management of an infant with neonatal abstinence syndrome:

<table>
<thead>
<tr>
<th>PBP</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBP 1</td>
<td>Develop and implement a standardized process for the identification, evaluation, treatment and discharge of infants with NAS.</td>
</tr>
<tr>
<td>PBP 2</td>
<td>Develop and implement a standardized process for measuring and reporting rates of neonatal abstinence syndrome and drug exposure.</td>
</tr>
<tr>
<td>PBP 3</td>
<td>Create a culture of compassion, understanding, and healing for the mother infant dyad affected by the problem of neonatal abstinence syndrome.</td>
</tr>
<tr>
<td>PBP 4</td>
<td>Provide care for infants and families in sites that promote parental engagement in care and avoid separation of mothers and infants.</td>
</tr>
<tr>
<td>PBP 5</td>
<td></td>
</tr>
<tr>
<td>PBP 6</td>
<td>Develop clear eligibility criteria for breastfeeding and actively promote and support breastfeeding by eligible mothers.</td>
</tr>
<tr>
<td>PBP 7</td>
<td>Develop a standardized process to ensure safe discharge into the community.</td>
</tr>
<tr>
<td>PBP 8</td>
<td>Provide interdisciplinary universal education and training to all caregivers who may encounter substance-exposed infants and families.</td>
</tr>
</tbody>
</table>
How to Access the NAS Lessons

Click the *Course* tab, and then click *Start Course*
How to Access the NAS Lessons

Every lesson will start with the Recorded Session(s).
How to Access the NAS Lessons

Session resources are located below video(s)

- Virtual Video Visit Facilitators Guide
Nurture the Mother — Nurture the Child

A Virtual Video Visit
NAS Virtual Video Visit Facilitator’s Guide

Video Companion and Facilitator’s Guide

Nurture The Mother – Nurture The Child

A Trauma-Informed, Family-Centered Approach to Supporting Women with Substance Use Issues Who Are Pregnant and Newly Parenting
NAS Virtual Video Visit Facilitator’s Guide

Table Of Contents

Project Team .......................................................... I
Acknowledgement ...................................................... II
Dedication ............................................................... III

INTRODUCTION ........................................................... IV
Overall objectives for the facilitator’s guide and DVD ................................................... vi
How to use this facilitator’s guide ....................................................... vii

Chapter 1: Linking Attitudes With Outcomes ...... 1
  1.1 Chapter overview
  1.2 Learning outcomes
  1.3 Essential concepts
  1.4 Facilitation comments
  1.5 DVD snapshots with group discussion questions
  1.6 Suggested handouts

Chapter 2: The Face of Trauma .........................12
  2.1 Chapter overview
  2.2 Learning outcomes
  2.3 Essential concepts
  2.4 Facilitation comments
  2.5 DVD snapshots with group discussion questions
  2.6 Suggested handouts

Chapter 3: The Birth Story .............................26
  3.1 Chapter overview
  3.2 Learning outcomes
  3.3 Essential concepts
  3.4 Facilitation comments
  3.5 DVD snapshots with group discussion questions
  3.6 Suggested handouts

Chapter 4: Two Stories of Recovery ...............34
  4.1 Chapter overview
  4.2 Learning outcomes
  4.3 Essential concepts
  4.4 Facilitation comments
  4.5 DVD snapshots with group discussion questions
  4.6 Suggested handouts

Chapter 5: The Long Road Home ....................42
  5.1 Chapter overview
  5.2 Learning outcomes
  5.3 Essential concepts
  5.4 Facilitation comments
  5.5 DVD snapshots with group discussion questions
  5.6 Suggested handouts

APPENDICES
  1. Planning continuing education .................. 50
  2. Sample continuing education plans ............ 53

ADDITIONAL RESOURCES AND REFERENCES 58

LIST OF TABLES
  2.1 Comparison of traditional and trauma informed approaches to care ........... 15
  2.2 Key principles of trauma informed practice with strategies ..................... 18
  2.3 Reframing language from a trauma informed perspective ......................... 19

LIST OF FIGURES
  1.1 Model of woman-centered care .................. 3
  2.1 Effects of stress on body systems ............. 16
  5.1 Strength-based and deficit-based language 45

LIST OF PARTICIPANT ACTIVITY WORKSHEETS
  1.1 Real attitude scale ................................. 8
  1.2 Complexity of women’s lives .................... 9
  2.1 Personal reflective questions .................... 11
  2.2 Is your practice trauma informed? ............ 22
  2.3 Rights of childbirthing women ................. 33
  4.2 Trainees’ theoretical model–Stages of change 41
  5.1 Elements of strengths based practice inventory ........................................ 48
  5.2 Learning to apply a strengths based practice approach 49
How to Access Certificates

To access the lesson certificate, users will first answer the lesson post test questions.

Lesson 2 Questions

ACCESS YOUR CERTIFICATE - PART 1 OF 3

To access your certificate, you will need to complete the following questions correctly. You will have as many opportunities to answer each question as you need. Please note, questions may have more than one answer.

After you have answered all the questions correctly, click Next at the bottom of the screen to move to Part 1. You will need to complete all three parts to obtain your certificate and for the lesson to be marked as complete.

Question 1

1 point possible (graded)

Trends in opioid use:
How to Access Certificates

Users will then complete a lesson evaluation.
How to Access Certificates

Users will then select their certificate type (CME/CNE) to generate their certificate.
Users will then select their certificate type (CME/CNE) to generate their certificate.
How to Access Certificates

Course Progress for Sample Student

Your certificate is available
You can keep working for a higher grade, or request your certificate now.

View Certificate
How to Access Certificates

Congratulations! This page summarizes what you accomplished. Show it off to family, friends, and colleagues in your social and professional networks.

VON acknowledges the following student accomplishment:

Sample Student

has successfully completed

Practical Foundations in Improvement Science Lesson 1: What is the Science of Improvement?

PLACE: Vermont Oxford Network
ORGANIZATION: Vermont Oxford Network
MAXIMUM CONTACT HOURS AVAILABLE: 0.75 CONTACT HOURS
ACTUAL NUMBER OF CONTACT HOURS EARNED: 0.75 CONTACT HOURS
Additional Lessons Available

Practical Foundations in Improvement Science - VON/IHI
Contains 8 Micro-Lessons.

Go to Course Homepage
Welcome to Practical Foundations in Improvement Science - VON/IHI

Additional Lessons Available

Information and Resources
- Course Trailer
- Faculty Introductions
- Course Introduction
Questions? Comments?
Courtney Scott
vondays@vtoxford.org

VON Days Audit Coordinator
VON Days Quality Audits/NAS

- Two audits will be performed
  - *Not an actual on-site “audit”; data is collected and entered into a web-based portal*
  - Inclusion Criteria
    - **infants treated pharmacologically for NAS** at 7 days of age or less and discharged during the specified 3 month eligibility period
    - Audits will include up to 30 infants
    - More Eligibility details in Manual of Operations

**NOTE:** Confirm IRB requirements for your local participation in the audit!
IRB Approval is Important!

• The primary purpose of the audit is quality improvement.

• However, since the auditor may have access to protected health information and since the aggregated results of the audit may be published, consult with your local Institutional Review Board to determine what reviews and approvals are required prior to participation.

• IRB applications are generally accepted without issue.

• Data will not be broken down by provider or used to monitor individual actions.
VON Day Quality Audits/NAS

Two parts to the audit – unit and patient

Unit Level Data
• Policy or guidelines indications for and procedures for screening for maternal substance abuse.
• Policy or guidelines for comprehensive treatment of infants with NAS
• Scoring tools used
• Formal educational program that promotes standardization of NAS scoring among caregivers
• Policy or guidelines for non-pharmacological treatment of NAS
• Policy or guidelines for pharmacologic treatment
• Policy or guidelines that encourage breastfeeding or the provision of human milk
VON Day Quality Audits/NAS

Patient-Level Data

• Birth weight; Gestational age; Inborn vs. outborn status
• Toxicological screening performed?
• Scoring performed?
• Pharmacologic agents used
• Total duration of pharmacologic treatment
• Internal between last dose of NAS agent and discharge?
• Home on medications? If so, what medications?
• Mother’s own milk in the 24-hours before DC
• Infant discharged to?
• Total length of NICU stay
• Total length of hospital stay
VON Day Quality Audits/NAS

Results Reported to Centers

• Total number of infants pharmacologically treated for NAS in the first 7 days of life
• Total NICU length of stay
• Total hospital length of stay
• Total duration of pharmacologic treatment
• Potential DC delays
  – Number of days after treatment stopped to DC
• % on mother’s milk at DC
• Medications used for treatment
• Medications at DC
Tips for a Successful VON Day Quality Audit Participation

The 3 month eligibility period is determined by your team. You will be using paper forms only for the audit. Maintain those forms for electronic entry during the VON Day Audit.

Example eligibility period = April 1, 2019 – June 30, 2019

Audit window = July 8, 2019 – July 12, 2019

Any problems with VON Day registration, data definitions or technical issues involving the VON Day Audit vondays@vtoxford.org or 802 865 4814 ext 247

Other Questions? Email vondays@vtoxford.org
Accessing the Data Entry Portal

Once a data collector has been identified, they can log into the Data Entry Portal here:

Accessing the Data Entry Portal

Once logged in, you will see the following page. Click the Audit link and it will bring you to the unit questionnaire.
Complete the Unit Data Form.
Step 1: Complete the Unit Data Form

At the end, you will be asked if you have patients to enter. Select yes if you have patients to enter. Select no if you do not have any eligible patients which completes the audit.

Click save and continue.
Complete the Patient Data Form.

At the end, select yes if you have more patients to enter. Otherwise, select no. The audit is now complete and you will be prompted to complete a survey.
Next Steps

1. Identify the eligibility date for July 2019 audit
2. Identify the data collector for each participating site
3. Start the IRB process for each participating site
4. Review VON Day materials in edX
   2. Frequently Asked Questions
   3. Unit and Patient Level Data Forms
Questions? Comments?
Who to Call and Contact

State Collaborative Support/ Business Details / Handouts / Materials
Pam Ford  pford@vtoxford.org
Phone: 802.865.4814 ext 204

Learning Systems Manager
John McGregor EdD  jmcgregor@vtoxford.org
Phone 802.865.4814 ext 267

LMS Registrar / LMS Enrollment
Brian George  bgeorge@vtoxford.org
Phone 802.865.4814 ext 213

VON Day Quality Audits / Support
Courtney Scott  vondays@vtoxford.org
Phone: 802.865.4814 ext 247