

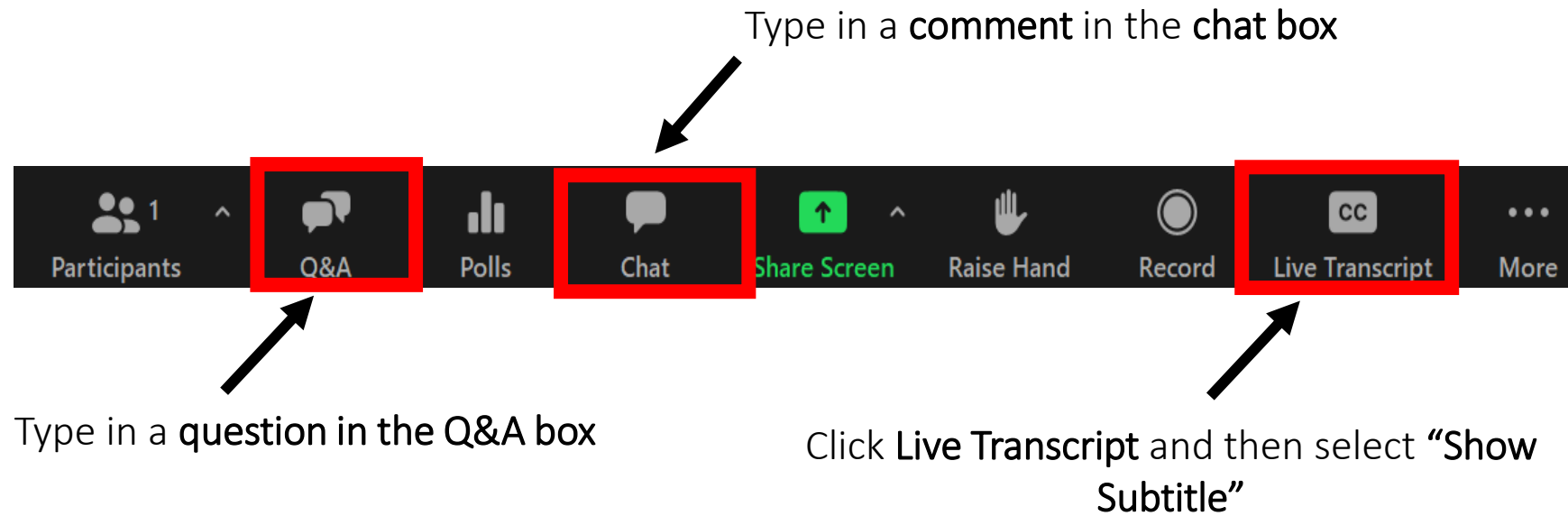
# Perinatal Health Part 3: Integrating Services for Pregnant and Postpartum People in High Need Settings

June 23rd, 2022  
2pm-3pm ET

**CENTER OF EXCELLENCE** for Integrated Health Solutions

Funded by Substance Abuse and Mental Health Services Administration and operated by the National Council for Mental Wellbeing

# Questions, Comments & Closed Captioning



# Disclaimer

The views, opinions, and content expressed in this presentation do not necessarily reflect the views, opinions, or policies of the Center for Mental Health Services (CMHS), the Substance Abuse and Mental Health Services Administration (SAMHSA), or the U.S. Department of Health and Human Services (HHS).

***SAMHSA***

Substance Abuse and Mental Health  
Services Administration

[www.samhsa.gov](http://www.samhsa.gov)

NATIONAL  
COUNCIL  
*for* Mental  
Wellbeing



# Poll #1: What best describes your role?

- Clinician
- Administrator
- Policy Maker
- Payer
- Other (specify in chat box)



# Poll #2: What best describes your organization? (check all that apply)

- Primary Care Provider
- Mental Health Provider
- Substance Use Disorder Provider
- Other (specify in chat box)



# Poll #3: Where is your organization in the process of integration?

- Learning/Exploring
- Beginning Implementation
- Advanced/Full Implementation
- Ongoing Quality Improvement
- Other (specify in chat box)



# Perinatal Integrated Health Webinar Series

- May 10: 1-2pm ET      The Case for Integration & Continuum of Care: Considerations Across Primary and Specialty Care
- May 12: 2-3pm ET      Perinatal Behavioral Health Care in a CCBHC
- June 23: 2-3pm ET      Integrating Services in High Need Settings
- July 21: 2-3pm ET      Addressing Serious Mental Illness



# Today's Presenters



**Dr. Maria Manriquez, MD,  
FACOG**

Obstetrics and Gynecology  
Specialist  
Hushabye Nursery



**Tara Sundem, APRN, NNP-  
BC**

Founder and Executive Director,  
Hushabye Nursery



**Tawni Carson,  
Dahlya's Mommy,  
Hushabye Nursery**





# Learning Objectives

**After this webinar, participants will be able to:**

- Understand trends in opiate use during pregnancy and related challenges
- Understand the need for Family-Centered Trauma Informed Care when integrating care for expecting families who experience substance use challenges
- Describe Hushabye Nursery's Care Model for Neonatal Opioid Withdrawal Syndrome and strategies for integrating medical and behavioral health services

NATIONAL  
COUNCIL  
*for Mental  
Wellbeing*



# Collaborative Approach to Addressing Perinatal Health, Substance Use and the Babies

- Dr. Maria Manriquez, Obstetrics and Gynecology Specialist
- Tara Sundem, Hushabye Nursery Founder and Executive Director
- Tawni Carson, Dahlya's Mommy



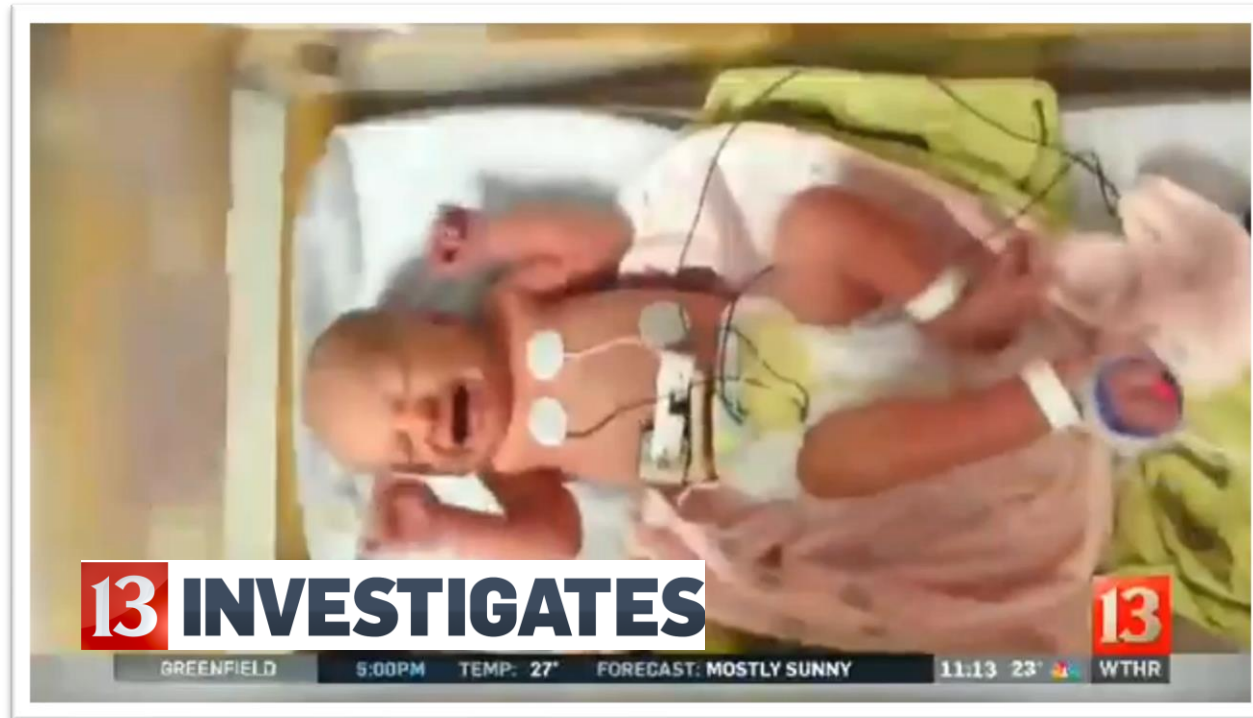
Hushabye  
Nursery®

Tara Sundem / RN, NNP-BC, MSN /  
[Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
Hushabyenursery.org / 480-628-7500

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



Every 15 minutes, a baby is born  
passively dependent in the US...



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



[TheNationalCouncil.org/Interated-Health-CoE](http://TheNationalCouncil.org/Interated-Health-CoE)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# Pregnancy & Opioid Use Disorder/ Substance Use Disorder



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
Hushabyenursery.org | 480-628-7500



[www.TheNationalCouncil.org](http://www.TheNationalCouncil.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# Opioid Use Disorder (OUD)

## A Brain Disease, not a moral failure!

- How we talk impacts the way we think.
- Improved understanding that **opioid use disorder** is a complex interplay of biology and environment will decrease stigma and increase access to healthcare.

Source: Olsen Y, Sharfstein JM. Confronting the Stigma of Opioid Use Disorder—and Its Treatment. JAMA. 2014;311(14):1393–1394. doi:10.1001/jama.2014.2147



Tara Sundem / RN, NNP-BC, MSN / Tara.sundem@hushabyenursery.org  
Hushabyenursery.org | 480-628-7500

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



# Opioid Use Disorder (OUD)

A Chronic Illness; relapsing is part of recovery!



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



[www.TheNationalCouncil.org](http://www.TheNationalCouncil.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# Maternal OUD Treatment Cold Turkey

## Why not???

- Increases the risk of miscarriage
- High incidence of relapse
- Not recommended by the American College of Obstetricians and Gynecologists (ACOG)

Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5457836/>



Tara Sundem / RN, NNP-BC, MSN / Tara.sundem@hushabyenursery.org  
Hushabyenursery.org | 480-628-7500



TheNationalCouncil.org/Interated-Health-CoE

NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# Pregnancy & OUD Complications

- Low birth weight
- Jaundice
- Long hospital stay
- Morphine treatment for neonate
- Increased risk of neglect or accidental death
- Research shows behavioral problems in children who experienced NAS as newborns\*

\*Results could have been skewed due to the unstable lifestyle that a child is exposed to with a parent with OUD/SUD, there is no way to control solely for NAS



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500





# Neonatal Abstinence Syndrome (NAS)

## Neonatal Opioid Withdrawal Syndrome (NOWS)

- NOT addiction
- Passive exposure
- No cravings for the drug



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



# Rate of Neonatal Abstinence Syndrome (NAS)

- The national incidence rate of NAS/NOWS in 2016 was 7 cases per 1,000 hospital births.
- The highest rates were reported among American Indian/Alaska Native (15.9 per 1,000 births) and White Non-Hispanic (10.5 per 1,000 births) individuals.
- In 2016, hospital costs for NAS/NOWS births totaled \$572.7 million, after adjusting for inflation.

Healthcare Cost and Utilization Project (HCUP). Neonatal Abstinence Syndrome (NAS) Among Newborn Hospitalizations. (2019, December 12) Retrieved from [https://www.hcup-us.ahrq.gov/faststats/nas/nasquery.jsp?](https://www.hcup-us.ahrq.gov/faststats/nas/nasquery.jsp)

Comparisons with earlier estimates are difficult because of the ICD-10-CM transition in 2015.

Strahan AE, Guy Jr. GP, Bohm M, et al. Neonatal Abstinence Syndrome Incidence and Health Care Costs in the United States, 2016. *JAMA Pediatrics*. 2020;174(2):200-202.



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



[www.TheNationalCouncil.org](http://www.TheNationalCouncil.org)

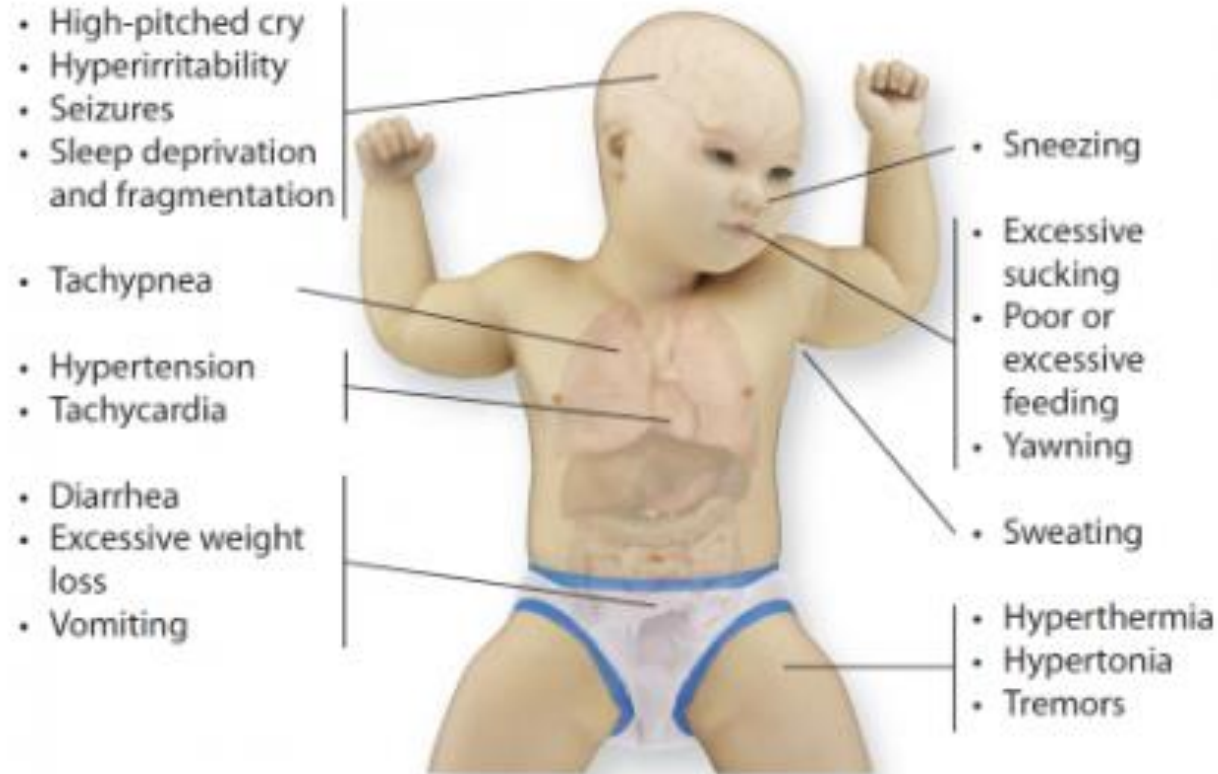
NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# Neonatal Abstinence Syndrome (NAS) Withdrawal Symptoms

Similar to an adult

## NAS signs

Signs of neonatal abstinence syndrome (NAS) primarily occur in the neurologic, respiratory, and GI systems.



# How do we improve outcomes?



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



[www.TheNationalCouncil.org](http://www.TheNationalCouncil.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# How do we improve outcomes...

## Decrease Stigma...

Remove “addiction, addicts, junkies” from our vocabulary

Refer to dependency by the diagnosis- Opiate Use Disorder,  
Substance Use Disorder, Alcoholism

Be kind

Don't Judge



Hushabye Nursery | [hushabyenursery.org](http://hushabyenursery.org) | 480-628-7500  
Tara Sundem | RN, NNP-BC, MSN | [tara.sundem@hushabyenursery.org](mailto:tara.sundem@hushabyenursery.org)





- Funded initially by the National Quality Improvement Center for Collaborative Community Court Teams (QIC-CCCT) in early 2018.
- 2021 Maricopa County received funding to continue the SHIFT work.
- Overall goal for the Safe, Healthy Infants & Families Thrive (SHIFT) Collaborative is **to ensure early identification of infants with prenatal substance exposure, reduce time to service engagement for parents and infants, increase cross-systems coordination and collaboration, and decrease the overall exposure to trauma for the impacted family.**



Hushabye Nursery | [hushabyenursery.org](http://hushabyenursery.org) | 480-628-7500  
Tara Sundem | RN, NNP-BC, MSN | [tara.sundem@hushabyenursery.org](mailto:tara.sundem@hushabyenursery.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



**SHIFT** is a multi-disciplinary team comprised of:

- Superior Court, Juvenile Department (Family Treatment Court)
- Department of Child Safety
- Parent's Attorney
- Maricopa County Department of Public Health (home visiting)
- Terros Health
- Hushabye Nursery
- Community Medical Services
- Arizona Early Intervention Program (AzEIP)
- Parent Partners Plus/Southwest Human Development
- University of Arizona College of Medicine, Phoenix
- Banner University Medical Center



Hushabye Nursery | [hushabyenursery.org](http://hushabyenursery.org) | 480-628-7500  
Tara Sundem | RN, NNP-BC, MSN | [tara.sundem@hushabyenursery.org](mailto:tara.sundem@hushabyenursery.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



# Substance Use Referral & Treatment for Moms

Dr. Maria Manriquez  
Obstetrics and Gynecology Specialist



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500





# HEAL Program

## Halle Empowerment Affirmation Legacy

**Individual (1:1)**

**Groups (Intensive Outpatient Program (IOP)/Supportive Outpatient Program (SOP))**

*Peer Supports*

*Wellness*

*Trauma and Addiction*

*CBT for Anxiety*

*Motivation Interviewing*

*Dialectical Behavior Skills (DBT)*

*Community Meal /positive psychology group*



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



# Hushabye Nursery's Mission

“To embrace substance exposed babies and their caregivers with compassionate, evidence-based care that changes the course of their entire lives.”



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



# Hushabye Nursery's Care Model

## Integrating Medical & Behavioral Health



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



[www.TheNationalCouncil.org](http://www.TheNationalCouncil.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing

# Hushabye Nursery's Care Model

## NAS Center of Excellence



### Prenatal Services & Community Support

- Medical Care
- HEAL Program
- Housing support- Sally's Place
- Addiction Treatment
- Counseling
- DCS Collaboration
- Medication Assisted Tx
- Financial Guidance
- Home Visiting



### Nursery Services

- NAS Recovery Services
- NAS Environment
- Specialized Training
- Nonjudgmental Environment
- Family Care Model



### Discharge Services

- Newborn Follow-Up
- HEAL Program
- SDOH
- SENSE
- Pediatric specialists
- Developmental services
- Family Counseling
- Financial Guidance
- Home Visiting



Service Coordination  
Access to Care

# Hushabye Outpatient Services

## Trauma Informed

- Peer Supports
- Trauma Specialist
- EMDR
- Counseling
- Transportation, food and housing support
- NAS education-diagnosis treatment and follow-up care
- Infant CPR
- Car Seat Education
- Safe Sleep Education
- Baby Supplies and Resources
- Care Coordination
- Evidence Based Parenting Classes such as Triple P Parenting
- Baby Soothing Education
- Social Connections
- SMART Recovery



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500

NATIONAL  
COUNCIL  
for Mental  
Wellbeing





Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500







Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500





Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500





# Hushabye Nursery is Different

## NICU Model

NICU environment  
Design NICU for premature babies, not NAS babies  
Limited resources for family recovery and DCS navigation  
Restricted visitation due to COVID and space  
Ensure one caregiver to every three babies (1:3)

## Hushabye Model

Treat babies in quiet, dark, calm environment  
Private nurseries  
Educate families on how to care for NAS baby  
**Family can stay in-room 24/7**  
**Ensure one caregiver per baby (1:1)**  
**DCS specific Case manager**  
Specially-trained staff with passion for NAS babies  
Promote bonding and breastfeeding  
Use five Ss, rock up and down, 6th S-squat techniques  
Wean and treat babies with medications as necessary  
**Eat Sleep & Console Treatment Model (ESC)**  
**Validate Finnegan Neonatal Abstinence Scoring System**  
**Provide outpatient behavioural health treatment onsite**



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



# Inpatient Services

## Family-Centered Trauma Informed Care

- Care for babies as they go through the withdrawal process
- Families may stay with their baby 24/7
- ESC model with Modified Finnegan assessment tool
- **Phototherapy**
- **Gavage Feedings**
- **Pharmacologic care if needed**
- **DCS Support**
- Family Education
- Counseling
- Family Coaching
- **Lactation Support**
- Developmental Specialist Consultations
- Trauma Support Specialist



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



# Postpartum Follow Up



## **Postpartum Services & Community Collaboration**

- HEAL Program (Intensive Outpatient Therapy)
- Peer Support guidance
- Trauma Therapy
- MAT
- Edinburgh Assessments
- Family Counseling
- SDOH Support
- Home Visiting
- Maternal Mental Health
- HOPPE groups

# Newborn Follow-up

- Trauma informed pediatrician
- Home health visits
- Hushabye check ins (48hours, 1 week, 2 weeks, 1, 2, 4, 6,9,12 months, then every 6 months) Edinburgh, Babies weight? How did your little one tolerate their immunizations? How are you sleeping? How is baby sleeping? do they need anything at all?
- Developmental follow up clinic
- OT, PT, Speech
- Home visiting program (Healthy Families or Nurse Family Partnership)
- VINES (Virtual Neonatal Support Program)
- WIC (Special Supplemental Nutrition Program for Women, Infants and Children)
- HRPP (High Risk Perinatal Program)
- AzEIP (Arizona Early Intervention Program)

Source: Torticollis in Infants with a History of Neonatal Abstinence Syndrome McAllister, Jennifer M. et al. *The Journal of Pediatrics*, Volume 196, 305 - 308



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500



[www.TheNationalCouncil.org](http://www.TheNationalCouncil.org)

NATIONAL  
COUNCIL  
for Mental  
Wellbeing



**Hushabye  
Nursery®**

# IMPACT REPORT

NOVEMBER 2020 - DECEMBER 2021

**We offer compassionate, evidence-based care that changes lives.**

Opioid Use Disorder (OUD) during pregnancy has been linked to serious negative health outcomes for pregnant women and developing babies including preterm birth, stillbirth, maternal mortality, and Neonatal Abstinence Syndrome (NAS).

Hushabye Nursery is working to improve systems to help ensure that every newborn experiencing NAS, and their family experiencing OUD, receive the right care at the right price for better overall health outcomes.

## Reduced Length of Stay

Average NICU stay is  
**22 DAYS**  
in Current Standard of Care

Average Hushabye Nursery stay is  
**7 DAYS**

Our innovative care model for treatment of NAS infants significantly decreases length of stay.



## Dramatic Decrease in Cost

Average NICU cost is  
**\$44,824**

Average Hushabye Nursery cost is  
**\$6,874**

The financial savings to the healthcare industry could be substantial as a majority of newborns with NAS are insured by Medicaid.



## COMMUNITY REFERRALS

Hushabye Nursery helps families navigate the healthcare maze as well as other critical systems and social services. We made

**1,168**  
referrals to community partners.



## Decreased Usage of Morphine

Hushabye Nursery's integrated, family-centered care model provides the ideal setting for implementation of the Eat, Sleep, Console method that minimizes the need for pharmacologic support.

**98%**  
of NICU babies are treated with Morphine compared to  
**25%**  
at Hushabye Nursery

**37%**  
of NICU babies who arrived at Hushabye had already been administered Morphine: Only  
**53%**  
needed continued treatment during their Hushabye stay.

Only  
**5%**  
received their first dose of Morphine at Hushabye Nursery.

## We Served

**460**  
PARENTS  
(outpatient) and  
**199**  
INFANTS  
(inpatient)

### 90 DAY FOLLOW UP

**69%**  
Decrease in substance abuse.

**48%**  
Increase in patient safety.

**42%**  
Increase in parenting knowledge.

### CLIENT SATISFACTION

**95%**  
Would recommend the program to someone they cared about.

**99%**  
Felt safe.



## High Success Rate in Working With Mothers Prenatally

**77%**  
of mothers who are prenatally involved with Hushabye Nursery safely maintained custody of their infant.

**50%**  
of mothers who are not prenatally involved infants were placed in foster/kinship care.

Our Comprehensive approach addresses the needs of the entire family, from prevention for the child to recovery for the adult.



**Hushabye Nursery is meeting or exceeding NAS emerging models of care outcomes after 18 months of operation (November 17, 2020 – April 30th, 2022) and 254 infants served.**

<b>OUTCOME</b>	<b>Current Standard</b>	<b>Hushabye Nursery</b>
<b>NAS infants treated with morphine</b>	<b>98%</b>	<b>24%</b>
<b>NAS infants Average Length of Stay in NICU</b>	<b>22 days</b>	<b>7 days</b>
<b>NAS infants Average cost of hospitalization</b>	<b>\$44,824</b>	<b>\$6,874</b>
<b>Percent of infants who took majority of feeds from breast</b>	<b>20%</b>	<b>31.8%</b>
<b>Percent of infants who were safely discharged to a biological parent</b>	<b>Not reported</b>	<b>66.9%</b> <b>(79.7% if active with Hushabye Nursery prenatal program)</b>



# What We've Learned...

- Families are scared
- They don't trust
- Don't judge a book by its cover
- Be straightforward
- Families really don't "hear" everything
- We need to follow new moms for Perinatal Mood Disorder
- When new to recovery, it is common for people to be using on top of Medication Assisted Treatment (MAT) until they ramp up to a stable dose
- Weaning off MAT postpartum is not recommended
- MAT is the gold standard of care. It is a GOOD thing!



Tara Sundem / RN, NNP-BC, MSN / [Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
[Hushabyenursery.org](http://Hushabyenursery.org) | 480-628-7500

NATIONAL  
COUNCIL  
for Mental  
Wellbeing





Hushabye  
Nursery®

Tara Sundem / RN, NNP-BC, MSN /  
[Tara.sundem@hushabyenursery.org](mailto:Tara.sundem@hushabyenursery.org)  
Hushabyenursery.org / 480-628-7500





# References



- <http://substanceabuse.az.gov/>
- <http://projects.huffingtonpost.com/dying-to-be-free-heroin-treatment#chapter-one>
- <http://hookedaz.cronkitenewsonline.com/documentary/>
- [http://www.huffingtonpost.com/2015/02/05/drug-courts-suboxone\\_n\\_6625864.html](http://www.huffingtonpost.com/2015/02/05/drug-courts-suboxone_n_6625864.html)
- <http://www.pbs.org/wgbh/frontline/film/chasing-heroin/>
- [https://www.samhsa-gpra.samhsa.gov/CSAT/view/docs/SAIS\\_GPRA\\_CostOffsetSubstanceAbuse.pdf](https://www.samhsa-gpra.samhsa.gov/CSAT/view/docs/SAIS_GPRA_CostOffsetSubstanceAbuse.pdf)
- <https://www.dshs.wa.gov/sites/default/files/SESA/rda/documents/research-11-117.pdf>
- [http://www.huffingtonpost.com/entry/obama-opioid-addiction-treatment\\_us\\_5627b3d6e4b0bce347034174](http://www.huffingtonpost.com/entry/obama-opioid-addiction-treatment_us_5627b3d6e4b0bce347034174)



# References- (1/2)

- National Insitute on Alcohol Abuse and Alcoholism. (N.D.) Screening tools. Retrieved from <https://pubs.niaaa.nih.gov/publications/arh28-2/78-79.htm>
- National Institute on Drug Abuse. America's addiction to opioids: heroin and prescription drug abuse. Bethesda (MD): NIDA; 2014. Available at: <https://www.drugabuse.gov/about-nida/legislative-activities/testimony-to-congress/2014/americas-addiction-to-opioids-heroin-prescription-drug-abuse>. Retrieved December 30, 2018.
- O'Donnell, F. T., & Jackson, D. L. (2017). Opioid Use Disorder and Pregnancy. *Missouri medicine*, 114(3), 181-186. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6140233/>
- Volkow, N. (2018, March 23). What does it mean when we call addiction a brain disorder? [web log comment]. Retrieved from <https://www.drugabuse.gov/about-nida/noras-blog/2018/03/what-does-it-mean-when-we-call-addiction-brain-disorder>
- Zedler, B. K., Mann, A. L., Kim, M. M., Amick, H. R., Joyce, A. R., Murrelle, E. L., & Jones, H. E. (2016). Buprenorphine compared with methadone to treat pregnant women with opioid use disorder: a systematic review and meta-analysis of safety in the mother, fetus and child. *Addiction (Abingdon, England)*, 111(12), 2115-2128. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5129590>



# References- (2/2)



- American College of Obstetricians and Gynecologists (ACOG), 2017. Opioid use and opioid use disorder in pregnancy. Committee Opinion No. 711.
- Centers for Disease Control and Prevention. (2018). Opioid Basics. Injury Prevention & Control: Opioid Overdose. Available at: <https://www.cdc.gov/drugoverdose/opioids/index.html>. Retrieved December 30, 2018.
- Centers for Disease Control and Prevention. (2016). Opioid use disorder documented at delivery hospitalization – United States, 1999-2014. Retrieved from [https://www.cdc.gov/mmwr/volumes/67/wr/mm6731a1.htm?s\\_cid=mm6](https://www.cdc.gov/mmwr/volumes/67/wr/mm6731a1.htm?s_cid=mm6)



# Questions, Comments?



NATIONAL  
COUNCIL  
*for* Mental  
Wellbeing



# Tools & Resources (1/2)

- [Perinatal Health Part 1: The Case for Integration & Considerations Across the Continuum of Care](#)
- [Perinatal Health Part 2: Perinatal Behavioral Health Care in a CCBHC](#)
- [Hushabye Nursery](#)
- <https://ncsacw.samhsa.gov/resources/opioid-use-disorders-and-medication-assisted-treatment/treatment-of-opioid-use-disorders-in-pregnancy.aspx>
- <https://store.samhsa.gov/product/Opioid-Use-Disorder-and-Pregnancy/sma18-5071fs1>
- [24 hour MAT](#)
- [NAS/ NOWS & Navigating the system](#)



# Tools & Resources (2/2)

- [Care Plus NJ](#)
- Centers for Medicare and Medicaid Services – [Improving Maternal Health and Extending Postpartum Coverage in Medicaid and the Children’s Health Insurance Program \(CHIP\)](#)
- [Fetal Alcohol Spectrum Disorders Research Briefs](#)
- [Integrating Substance Use Disorder and OB/GYN Care Brief](#)
- [Maternal, Infant, and Child Health – Healthy People 2020](#)
- [Perinatal Mental Health Alliance for People of color](#)
- [Perinatal Depression: Preventive Interventions](#)
- [WNY Postpartum Connection Inc: Directory of Mental Health and Support Services for Pregnant and Post Partum People of Color](#)
- HRSA Maternal & Child Health - [Maternal and Child Health Bureau](#)
- [California Maternal Quality Care Collaborative \(CMQCC\) - Toolkits](#)
- [Alliance for Innovation on Maternal Health](#)
- [American Academy of Pediatrics](#)
- [American Hospital Association – Better Health for Mothers and Babies](#)
- [Women’s Health Journal Article: Improving Latinas’ Perinatal Mental Health During COVID-19 Crisis](#)



# Upcoming CoE Events:

CoE-IHS Webinar: CHI Part 3: Measuring Integration and Choosing Metric

[Register here](#) for the next webinar in this series on Tuesday, June 28th from 2-3pm ET

CoE-IHS Webinar: Integrated Care Partnerships with School Based Health Centers

[Register here](#) for this webinar on Tuesday, July 12th from 1-2pm

CoE-IHS Webinar: Perinatal Health Part 4: Addressing Serious Mental Illness

[Register here](#) for this webinar on Thursday, July 21st from 2-3pm

Interested in an individual consultation with the CoE experts on integrated care?

[Contact us through this form here!](#)

Looking for free trainings and credits?

[Check out integrated health trainings from Relias here](#)

Subscribe for Center of Excellence Updates

[Subscribe here](#)

NATIONAL  
COUNCIL  
*for* Mental  
Wellbeing



# Thank you!

Questions? Email [integration@thenationalcouncil.org](mailto:integration@thenationalcouncil.org)

SAMHSA's Mission is to reduce the impact of substance abuse and mental illness on America's communities.

[www.samhsa.gov](http://www.samhsa.gov)

1-877-SAMHSA-7 (1-877-726-4727) 1-800-487-4889 (TDD)

