Supporting Women with Substance Abuse Disorder
Ohio Better Birth Outcomes
Impact of Opioid Use Disorder in Women & Babies

Opioid Overdose Death Rate & NAS Rate

<table>
<thead>
<tr>
<th></th>
<th>National</th>
<th>Ohio</th>
<th>Rhode Island</th>
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<tbody>
<tr>
<td>Opioid OD Death Rate</td>
<td>21.7</td>
<td>39.2</td>
<td>26.9</td>
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<tr>
<td>NAS Rate</td>
<td>6.5</td>
<td>14.0</td>
<td>10.6</td>
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</table>

Overdose death rates - 2017
NAS Rate - 2015 (National), 2017 (Ohio) and 2015 (RI)

33% of overdoses in Ohio are among young women

Sources: CDC, Ohio Department of Health, Kaiser Family Foundation, Neighborhood Health Plan of Rhode Island
Reproductive Health Trends among Women in Treatment

**Women’s Sexual Health**
- Limited knowledge and awareness

**Contraception Use**
- Less likely to use effective methods

**Health Outcomes**
- Unintended pregnancy

Sources:
- Pregnant or recently pregnant, opioid users: contraception decisions, perceptions and preferences
What Is Needed?

- Pre-conception
- Prenatal
- Delivery / Immediate Postpartum
- Hospital discharge – 90 days
- 90 days – Long term

Mom?

Baby?
Care Path for Mom & Baby

Mom
- PCP & Women’s Health
- Prenatal Care
- Treatment (co-location with Baby)
- Housing

Baby
- Well Baby
- Step-down facility (co-location with Mom)
- NICU
- Developmental follow-up
- Home Visiting & Social Support

Pre-conception
- Prenatal
- Delivery / Immediate Postpartum
- Hospital discharge – 90 days
- 90 days – Long term

PCP & Women’s Health
- Delivery / Immediate Postpartum
- Home Visiting & Social Support
- Developmental follow-up
- NICU
- Well Baby
- Step-down facility (co-location with Mom)
- Housing

Prenatal Care
- Delivery / Immediate Postpartum
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Treatment (co-location with Baby)
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Home Visiting & Social Support
- Developmental follow-up
- NICU
- Well Baby
- Step-down facility (co-location with Mom)
- Housing
Unique Considerations for Population

1. Stigma and fear
   
   “Why are you being so nice to me?”

2. History of abuse and trauma
   
   “Nobody cares…they think I just want drugs”

3. Trust in substance abuse provider
   
   “They are like family”
Preconception Health

Mom

- PCP & Women’s Health
- Pre-conception
- Prenatal
- Delivery / Immediate Postpartum
- Hospital discharge – 90 days
- 90 days – Long term

Baby
**Preconception Health**

<table>
<thead>
<tr>
<th>Strategy: Connect women in treatment to a women’s health provider</th>
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<tbody>
<tr>
<td><strong>Summary:</strong></td>
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<tr>
<td>• On-site clinic</td>
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<tr>
<td>• Appointments + walk-ins</td>
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<tr>
<td>• Services provided at:</td>
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<tr>
<td>• Treatment centers</td>
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<tr>
<td>• Courthouse</td>
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<tr>
<td>• Federally Qualified Healthcare Centers</td>
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</table>

**Results:**
- 198 women served
- 35 LARC
Challenges & Opportunities

Preconception Health

Operational

• Branding as Women’s Health

• Automatic appointment

• Carefully evaluate mobile vs. on-site

Advocacy

• Ability to bill for LARC while inpatient
Prenatal Care

Home Visiting & Social Support

Mom

Prenatal Care

Pre-conception
Prenatal
Delivery / Immediate Postpartum
Hospital discharge – 90 days
90 days – Long term

Baby

Nationwide Children's
When your child needs a hospital, everything matters.
Prenatal Care

Strategy: Connect women to both prenatal care + substance abuse treatment

Summary:

• Central call center
• Real-time capacity info
• Deep knowledge of services available

Results:
• 86 women connected
• Majority in 1st trimester
Challenges & Opportunities

*Prenatal Care*

Operational

- Ongoing knowledge of real-time capacity
- Standard care plan for co-managing
- Communication pathway
- Prenatal care on-site
- ED/other entry points
Immediate Postpartum

Mom

- Pre-conception
- Prenatal
- Delivery / Immediate Postpartum
- Hospital discharge – 90 days
- 90 days – Long term

Home Visiting & Social Support

Baby

- Well Baby
- NICU

Home Visiting & Social Support

Nationwide Children's

When your child needs a hospital, everything matters.
# Immediate Postpartum

**Strategy:** Adjust typical NICU care specific to needs of NAS babies

**Summary:**
- Assessment tool - Eat, Sleep, Console, Weight
- Helps determine need for medication, dosage and weaning
- Non-pharmacological protocol

**Results:**
- LOS decrease from 58 (2009) to:
  - 29 (2010)
  - 17 (2018)
Challenges & Opportunities

Immediate Postpartum

Operational

• Using non-pharmacologic strategies first

• “Trauma informed” and “non-biased care” staff training

Advocacy

• Utilize state’s savings to invest
Transition & Long Term Follow Up

Mom

- Pre-conception
- Prenatal
- Delivery / Immediate Postpartum
- Hospital discharge – 90 days
- 90 days – Long term

Baby

- Step-down facility (co-location with Mom)
- Developmental follow-up
- Home Visiting & Social Support

Home Visiting & Social Support

Treatment (co-location with Baby)

Housing
Transition and Long Term Follow-up

<table>
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<th>Strategy: Step-down facility for NAS dyads</th>
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**Summary:**

- Mom + baby co-located in residential facility
- Baby - medical care from pediatric providers
- Mom - outpatient or residential treatment by mental health provider
Partnerships are Essential

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