

# Where do we go from here

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# We have...

- Identified the problem
- Discussed the burden in Arizona

# So now...

- What are other states doing?...

# Kentucky

- Project through the Department of Maternal and Child Health
  - Work groups to evaluate: Identification and definitions; in-hospital treatment protocols; maternal prenatal and postnatal care and community and policy
  - NAS is a reportable disease

# Kentucky

- Kentucky Perinatal Quality Collaborative
  - Improve care of infants with NAS
    - Standardized NAS scoring
    - Medical guidelines for treatment of NAS infants
  - Measurable goals
    - Decrease average length of stay (LOS)
    - Decrease number of NAS infants referred for higher level of care
    - Decrease number of NAS infants requiring pharmacologic treatment

# Tennessee

- State commissioner of health made NAS a reportable condition – Jan 1, 2013
  - Web-based reporting portal is available
  - Maternal opiate use is captured
- Review of Medicaid claims
  - 82% of women prescribed opiates for more than 30 days were not on contraceptives

# Tennessee

- Perinatal Quality Care
- Primary prevention
  - Prevent addiction from occurring
  - Prevent pregnancy from happening
- Secondary prevention
  - ID pregnant women who may be opioid dependent
- Tertiary prevention
  - Minimize complications for addicted women and their infants

# Vermont

- Health care reforms support opioid screening and Medication-Assisted Treatment (MAT) as expected components of care within health homes
- Medicaid Health Home Program 2012
  - “Hub and Spoke” model: integrate addiction treatment services along a continuum of care

# Vermont

- The Children and Recovering Mothers (CHARM) collaborative
  - Multi-disciplinary group of agencies
  - Comprehensive care coordination
  - Goal: Improve the health and safety outcomes of babies born to women with a history of opiate dependence
    - Engage in prenatal care as early in pregnancy as possible
    - Reduce cravings and withdrawal symptoms using MAT
    - Engage women (and partners) in substance abuse counseling
    - Provide social support and basic needs referrals for family

# Vermont Oxford Network

- Voluntary network of nearly 1,000 NICUs worldwide
- Internet-based Quality Improvement collaborative
- Maintains a database including the care and outcomes of high-risk newborn infants
- Objectives
  - Developing and implementing a standardized process for identification, evaluation, treatment, and discharge management of NAS infants
  - Developing and implementing a standardized process for measuring and reporting rates of NAS and prenatal drug exposure
  - Creating a culture of compassion, understanding, and healing for the NAS-affected mother and infant

# Ohio

- Maternal Opiate Medical Support (M.O.M.S.)
- NAS is reportable to the state health dept (Jan 2014)
- State-wide Quality Collaborative
  - Study determined that having a weaning protocol is better than no protocol (regardless of treatment options)

# Ohio

- Nationwide Children's Hospital
  - Quality improvement team
  - Goal: Reduce LOS
  - Developed a pharmacologic protocol for initiating and weaning morphine
  - Intensive training on Finnegan Scoring system
  - Formed NAS taskforce

# Delaware

- Delaware Healthy Mother and Infant Consortium's Standard of Care subcommittee
  - Medical management of NAS
- Delaware Home Visiting Advisory Committee
  - Social support aspect of NAS to improve monitoring and follow-up for affected families

# Florida

- Statewide task force on prescription drug abuse & newborns
- Prevention:
  - Creating Public Awareness: Born Drug-Free Florida Campaign
  - Prescription Drug Monitoring Program (PDMP): cost-effective tool for screening drug use
  - Screening, Brief Intervention, and Referral to Treatment (SBIRT) model
  - Toolkits for nurses (in process by Florida Nurses Association)
- Treatment:
  - Advocate to close treatment gap and provide comprehensive treatment services to women in need
  - Make NAS a Reportable Disease

# Indiana

- Indiana Perinatal Network
  - Produced a DVD (with Dr. James Nocon) to train providers on how to verbally screen on pregnant women
  - Provider toolkit on how to manage opiate dependent women
  - Developed a Substance Use Screening in Pregnancy Algorithm for health care providers
  - PDMP

# Virginia

- Virginia Department of Health
  - Primary Prevention
  - Secondary Prevention
  - Tertiary Prevention

# Substance Abuse and Mental Health Services Administration (SAMHSA)

- Substance-Exposed Infants: State Responses to the Problem
  - 5-point intervention framework
    - Preconception period
    - During pregnancy
    - At Birth
    - Postpartum or neonatal/infancy period
    - Childhood and beyond

# ASTHO (Association of State and Territorial Health Officials)

- NAS: How States Can Help Advance the Knowledge Base for Primary Prevention and Best Practices of Care
  - Primary Prevention: The Preconception Period
  - Prenatal Care: Identifying and Managing Opioid Dependency
  - Care of the Neonate: Diagnosing withdrawal signs
  - Management of NAS

# ASTHO

- State level approach to NAS can address several levels of intervention
  - Surveillance for NAS-affected infants and the sources of maternal opiate use
  - Reimbursement for utilizing screening protocols to detect substance abuse early in pregnancy and withdrawal signs in newborns
  - Developing better measures to ensure follow-up of opioid-dependent women and receipt of comprehensive services
  - Collaborative efforts to strengthen clinical standards for identification, management, and follow-up of NAS-affected infants and their families

Other ideas?

# Breakout Groups

## Think Globally

- Collectively, what should we do in Arizona to impact this problem?
- What major actions should be taken by health care systems, policy makers, treatment providers, etc.?
- How can we put this in action?
- How can we measure if this action is working?

## Act Locally

- What can I do in my individual practice to make a difference?
- Based on your area of clinical focus, where do you think you can make a difference?
- How can you put this in action?
- How can you measure if this action is working?