

# Neonatal Withdrawal Syndrome

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Neonatologist

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# Disclosures and Criteria for Successful Completion

- There are no disclosures for this program.
- Criteria for successful completion for nurses is 70% attendance and submission of an evaluation form

# Housekeeping

- Welcome
- Locations of Bathrooms and Exits
- All attendees must sign in.
- Nurses will received CNE certificate following the program. Please record your name and keep in safe place. Duplication fees for certificates are \$25.00.
- MDs, DOs, PAs and NPs will have their attendance tracked and can obtain official CME credits by contacting the Education Office.



# Definition

- Not addiction
- No labels
- Physical dependence
- Increased opiate Rx and illicit drugs
- CNS irritability
- Autonomic over-reactivity

# Statistics

- MT: increased from 0.8 to 9/1000 (10x)
- US: 1.5 to 6/1000
- Difficult to track/not reportable in MT
- Males
- Range 0.7 Hawaii to 33.4 WV

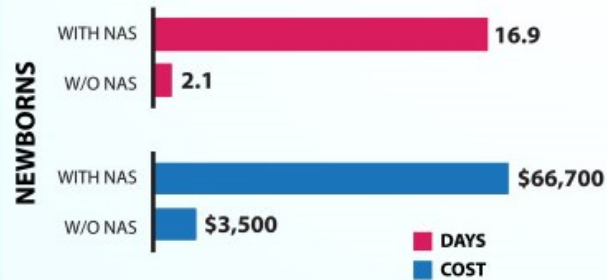
# Financial Implications

- MT: Mean charges \$34,000 vs \$6,800
- 60% Medicaid (10.9/1000)
- Millions of dollars
- \$1.5 billion in US in 2013 (80% Medicaid)

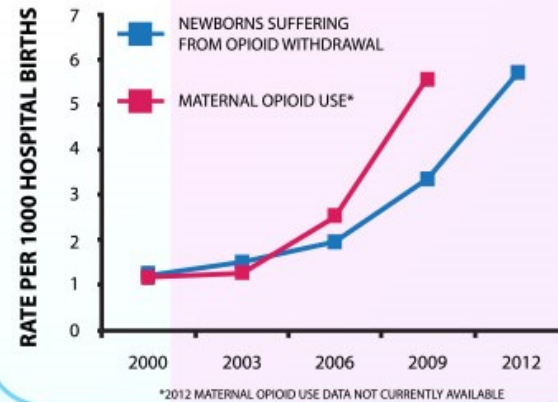


**EVERY 25 MINUTES,  
A BABY IS BORN SUFFERING  
FROM OPIOID WITHDRAWAL.**

### AVERAGE LENGTH OR COST OF HOSPITAL STAY



### NAS AND MATERNAL OPIOID USE ON THE RISE



National Institute  
on Drug Abuse

Source: [Patrick et. Al., JAMA 2012](#), [Patrick et. Al., Journal of Perinatology 2015](#)



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# Treatment

- PO morphine if scores high on Finnegan
- Occ Clonidine, Phenobarbital
- Environmental
- Parent contact/involvement
- 5 S's
- Eat-Sleep-Console soon?
- Mamaroo



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# Other issues

- LBW (<2500g)
- Premature
- Respiratory
- Feeding
- HIV, Hep B, C
- STIs

# Myths

- See handout

# Breastfeeding

- If supervised Rx program
- Random supervised drug screens
- Check Lactmed (recommended by AAP and ACOG)
- If any changes in meds (starting, stopping, dose) important to tell FP, Ped, Neo (made signs for OB rooms)

Home

# LactMed

@NIH

Version 1.0.1



Looking for information about drugs and breastfeeding? LactMed has information about maternal and infant drug levels, possible effects on lactation and on breastfed infants, and alternative drugs to consider.

Drug Name Search

Drug Class Search



Home



Drug Name



Drug Class



Info



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# Special Programs in our NICU

- ROR
- EWYL-Hope Family Resource Center
- Lowered LOS by 50% and foster care by 80%-Graven's Conference/other centers calling us
- CAPTA federal law, CPS
- Opth follow up, High Risk  
Neurodevelopmental follow up clinic
- Senator, Governor



## mobile medical unit

- Mobile Unit partnership with Care Net of Missoula will double our outreach and reduce our cost!
- 2/3 of the project has already been funded; \$91,625 is still needed to fund capital and start-up costs for first year.
- Expected to be on the road by early 2019!

You can be involved in taking  
**HOPE** and **HEALING**  
to more of Western Montana!



To donate, text "Give"  
to 406-412-2422,  
or contact Hope at:

*Hope*  
PREGNANCY MINISTRIES

406.257.5700 | 1281 Burns Way, Kalispell, MT 59901 | [hopepregnancyministries.org](http://hopepregnancyministries.org)



# Prevention

- Non opiate alternatives-CDC guidelines
- Birth control-LARC
- Physician Drug Registry
- Standardized care
- Drug screens including alcohol, buprenorphine, fentanyl (urine, meconium, cord)
- Safe storage/disposal

# Alliance for Drug Free Flathead

- Brochures, drug take back days, Spring into Safety, resource binders, monthly meetings
- MT Board of Crime Control Innovative Community Improvement Award 2017
- Drug Court
- Maternal home?
- [Borndrugfreemt.com](http://Borndrugfreemt.com)

# Provider Issues

- Burnout
- Time
- Personal beliefs/experiences