

Treatment Guidelines for Neonatal Abstinence Syndrome

Provider quick tips and orders:

When admitting an NAS baby, the order for "scoring" using the ESC approach should be entered as a "Notify Provider" order as follows:

"Please notify provider if infant is unable to: A. Eat at least 1 ounce per feed or breastfeed well; B. Sleep for at least 1 hour undisturbed; or C. Be consoled within 10 minutes."

- If these parameters are not met, Resident will assess baby
- Possible interventions:
 - o 1. Increase non-pharmacologic therapy
 - o 2. Consider PRN dose morphine 0.03 mg/kg q1 or Q4 PRN
 - o 3. Consider scheduled morphine if requiring multiple PRN doses

Do not place NAS/Finnegan scoring order. If present from NSH, discontinue this order.

Vital signs per routine, q8 hours

Place miscellaneous nursing order:

"Do not wake infant for vital signs. BP once per day unless abnormal"

Background

Neonates exposed to opiates in utero are at risk for developing neonatal abstinence syndrome (NAS). Neonates with NAS may display, jitteriness, poor sleeping, difficulty eating, weight loss, tremors, hypertonia, diarrhea and, in rare cases, seizures. The incidence of NAS in the United States has increased from 1.2 per 1000 births in 2000 to 5.8 per 1000 births in 2012.¹

Therapy

The goal of therapy for neonates with NAS should be to allow the child to function as a normal neonate. When well-managed, neonates experiencing NAS should be able to feed well, sleep well and be easily consoled.

Evaluation

NAS neonates should be monitored using the ESC (Eat, Sleep, Console) approach. The ESC approach evaluates whether an infant is:

- a. Able to eat at least 1 ounce per feed or breastfeed well
- b. Able to sleep for at least 1 hour undisturbed
- c. Able to be consoled within 10 minutes

¹ Patrick SW, Davis MM, Lefebvre CL, Cooper WO. Increasing incidence and geographic distribution of neonatal abstinence syndrome: United States 2009 to 2012. J Perinatol. 2015; 1-6

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