

References for the Neonatal Abstinence Syndrome observation and treatment protocol

- ¹Send Drug Detection Panel by High-Resolution Time-of-Flight Mass Spectrometry, Umbilical Cord Tissue 2006621; at least 6 inches of umbilical cord is required; this is a qualitative detection of drugs and drug metabolites to assess prenatal drug exposure.
- ²Need at least a gram of meconium; reflects exposure since 18 weeks of gestation; MORE IMPORTANT than a newborn urine specimen.
- ³Argoff et al. A comparison of long- and short-acting opioids for the treatment of chronic noncancer pain. Mayo Clinic Proc 2009; 84:602-612.
- ⁴Moses-Kolko et al. Neonatal signs after late in utero exposure to serotonin reuptake inhibitors: literature review and implications for clinical applications. JAMA 2005; 293(19):2372-2383.
- ⁵Ferreira et al. Effects of selective serotonin reuptake inhibitors and venlafaxine during pregnancy in term and preterm neonates. Pediatrics 2007; 119:52-59.
- ⁶Jansson et al. Neonatal abstinence syndrome. Curr Opin Pediatr 2012; 24(2):252-258.
- ⁷AAP Clinical Report: Neonatal Drug Withdrawal. www.pediatrics.org/cgi/doi/10.1542/peds.2011-3212.
- ⁸Iqbal et al. Effects of commonly used benzodiazepines on the fetus, the neonate and the nursing infant. Psychiatr Serv 2002; 53:39-49.
- ⁹From level 10 to 13, practitioners can consider weaning faster or slower by increasing or decreasing interval between doses based on infant's NWI scores, weight gain, and sleep pattern.
- ¹⁰AAP Clinical Report: The Transfer of Drugs and Therapeutics Into Human Breast Milk: An Update on Selected Topics. www.pediatrics.org/cgi/doi/10.1542/peds.2013-1985.
- ¹¹Broome et al. Neonatal Abstinence Syndrome: The use of clonidine as a treatment option. Neoreviews 2011; 12:e575-e583.
- ¹²Agthe et al. Clonidine as an adjunct therapy to opioids for neonatal abstinence syndrome: a randomized controlled trial. Pediatrics 2009; 123(5):e849-e856. [Note: this is the only randomized controlled trial using clonidine as an adjunctive therapy to opioid exposure. Therefore we have opted to use clonidine as an adjunct to pure opioid exposure rather than to polysubstance abuse.]
- ¹³Broome et al. Neonatal Abstinence Syndrome: The Use of Clonidine as a Treatment Option. Neoreviews 2011; 12(10):e575-e584. [This is a good historical review on what clonidine doses have been tried in the past.]