## BEST PRACTICES

### Human Milk and Substance Exposure

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<td><strong>Alcohol</strong></td>
<td>Pump your milk or feed your baby before you drink. Then wait 3-4 hours after each serving of alcohol before providing your milk to your baby again. 1, 2</td>
<td>Alcohol is present in human milk and has been linked to many of the same problems seen with prenatal exposure to alcohol. Alcohol does not increase milk production or let-down. 1</td>
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<td><strong>Benzodiazepines</strong></td>
<td>Work with your provider to find the dose that is effective for you. Take your medications as prescribed. Feed your baby. Watch for signs of sedation. 3</td>
<td>Most benzodiazepines are considered safe or moderately safe at therapeutic doses. 5 Infants exposed to benzodiazepines via breast milk may exhibit signs of sedation, such as apnea. 4</td>
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<td><strong>Cannabis</strong></td>
<td>It is safest to reduce or eliminate use during the lactation period. 5, 6, 7 However, in the case of continued medical or recreational cannabis use, experts agree that the proven benefits of human milk likely outweigh the risks of cannabis exposure. It’s unacceptable to withhold lactation support from those seeking it. 5, 9</td>
<td>The rate of cannabis transfer into human milk is estimated to be 0.8-1% of maternal dose. 8, 10, 11, 12 Bioavailability is incomplete in infants’ GI tract. So infants absorb 0.1% of the parent’s dose. 11 Because of limitations of research design, we have little data on the effects of exposure via breast milk, with inconclusive results. 13, 14</td>
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<td><strong>Opioids</strong></td>
<td>Long- or short-term opiate use is not a contraindication to breastfeeding, regardless of dose. 15, 16 Because of individual differences in metabolism, codeine is not recommended while breastfeeding, due to risk of infant overdose. 16</td>
<td>Most opioids transfer into human milk at rates estimated at 1-3% of maternal dose. 17 Because bioavailability is poor in infants’ gastrointestinal tracts, it is likely that even less is absorbed.</td>
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<td><strong>Stimulants</strong></td>
<td>Abstinence during lactation is recommended. In the case of a relapse, wait 24 hours after cocaine use and 48 hours after methamphetamine use to provide milk. 16, 18 Caffeine doses of ≤ 200mg are considered safe for lactation. 19</td>
<td>Caffeine, cocaine, and methamphetamine are present in the milk of parents who use them. Infant exposure can be limited by using the lowest effective dose and feeding or pumping before use. 16, 18, 19, 20</td>
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<td><strong>Smoking</strong></td>
<td>Despite the risks, breast/chestfeeding while smoking is considered safer than formula feeding while smoking. This is because of the proven health benefits of human milk, including a 50% reduction in the incidence of SIDS. 5, 21, 22</td>
<td>Smoking during lactation has been associated with decreased milk supply, shorter lactation duration, altered composition of milk, increased incidence of SIDS, and the development asthma in offspring. 5, 23 A Harm Reduction approach can limit exposure.</td>
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**Academy of Perinatal Harm Reduction**
REFERENCES: Human Milk and Substance Exposure