



Lactation and Substance Use Guidance for Health Care Professionals References Pages



References

Screening and lactation^{1–10}

Human milk health benefits^{11–19}

Trauma, Gender, and Racism^{14,20–29}

MOUDs^{10,22,23,30–47}

Buprenorphine References: Pharmacokinetic studies of buprenorphine in breastmilk (28 lactating parents studied) and breastfed infants (24 infants studied),^{48–55} Guidance documents endorsing breastfeeding and MOUD,^{2,4,6,7,56–59} Other^{60,61,61–64}

Methadone References: Pharmacokinetic studies of methadone in breastmilk (79 lactating parents studied) and breastfed infants (18 infants studied),^{65–78} Adverse drug reactions,^{79–84} Guidance documents endorsing breastfeeding and MOUD,^{2,4,6,7,56,57} Other^{61,61–63,85,86}

Naltrexone References: Pharmacokinetic studies of naltrexone in breastmilk (1 lactating parent studied) and breastfed infant (1 infant studied),⁸⁷ Other^{61,88–90}

Opioids^{62,63,91,92}

Codeine References: Pharmacokinetic studies of codeine in breastmilk (9 lactating parents studied) and breastfed infants (11 infants studied),^{93,94} Adverse drug reactions,^{79,80,95–107} Other^{61–63,108–114}

Oxycodone References: Pharmacokinetic studies of oxycodone in breastmilk (56 lactating parents studied) and breastfed infants (41 infants studied),^{115,116} Adverse drug reactions,^{100,104,117–119} Other^{61–63,120–123}

Hydrocodone References: Pharmacokinetic studies of hydrocodone in breastmilk (32 lactating parents studied),^{124,125} Adverse drug reactions,^{80,126} Other^{61,62,127–129}

Hydromorphone References: Pharmacokinetic studies of hydromorphone in breastmilk (8 lactating parents studied),¹³⁰ Adverse drug reactions,¹³¹ Other^{61,62,129,132}

Morphine References: Pharmacokinetic studies of morphine in breastmilk (19 lactating parents studied) and breastfed infants (7 infants studied),^{133–137} Adverse drug reactions,¹⁰³ Other^{61,61–63,108,110,114,138–143}

Fentanyl References: Pharmacokinetic studies of fentanyl in breastmilk (37 lactating parents studied) and breastfed infants (11 infants studied),^{144–148} Other^{61–63,149–154}

Heroin References: Pharmacokinetic studies of heroin (155 non-lactating adults studied),^{155–162} Adverse drug reactions,^{163–165} Other^{62,161,166–168}

Naloxone References: Other^{61,142,169,170}

Alprazolam References: Pharmacokinetic studies of alprazolam in breastmilk (10 lactating parents studied),^{171–173} Adverse drug reactions,^{174–178} Other^{61,179–188}

Clonazepam References: Pharmacokinetic studies of clonazepam in breastmilk (3 lactating parents and 2 breastfed infants studied, plus 11 additional infants studied in absence of breastmilk data),^{172,189–191} Adverse drug reactions,^{174,192–194} Other^{61,179,182–188,195,196}

Diazepam References: Pharmacokinetic studies of clonazepam in breastmilk (27 lactating parents and 22 breastfed infants studied),^{197–203} Adverse drug reactions,^{192,204–206} Other^{61,179,182–188,207–209}

Lorazepam References: Pharmacokinetic studies of clonazepam in breastmilk (9 lactating parents and 3 breastfed infants studied),^{172,210–212} Adverse drug reactions,^{174,213} Other^{61,179,182–188,209,214,215}

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Methamphetamine References: Pharmacokinetic studies of methamphetamine in breastmilk (6 lactating parents studied)^{216–218}, Adverse drug reactions and case reports,^{219–223} Other^{61,224–231}

Amphetamine References: Pharmacokinetic studies of amphetamine in breastmilk (11 lactating parents and 11 breastfed infants studied)^{232–235}, Other^{61,227,228,236–241}

Lisdexamphetamine is a pharmacologically inactive pro-drug that is metabolized to dextroamphetamine, or dexamphetamine, which is the d-enantiomer of amphetamine. Pharmaceutical amphetamine is available as either a racemic mixture (rac-amphetamine) or dexamphetamine.

Methylphenidate References: Pharmacokinetic studies of methylphenidate in breastmilk (6 or 7 lactating parents studied, 5 or 6 breastfed infants studied*),^{235,242–245}, Other^{61,246–248}

**The dyad studied in Hackett, 2006²⁴⁴ may have been among the three studied in Hackett, 2005.²³⁵*

Cocaine References: Pharmacokinetic studies of cocaine in breastmilk (21 lactating parents studied),^{75,249–254} Adverse drug reactions and case reports,^{163,253,255–259} Other^{61,168,260–267}

Alcohol References: Pharmacokinetic studies of alcohol in breastmilk (108 lactating parents studied*)^{268–280}, Adverse drug reactions^{281–284}, Impacts on lactation and infant behavior^{270,271,278,279,285–300}, Long term outcomes^{301–319}, Risk factors, use patterns and trajectories^{26,320–325}, Other^{1–3,61,326–340}

Cannabis References: Pharmacokinetic studies of cannabis in breastmilk (83 lactating parents and 2 infants studied)^{75,341–346}, Adverse drug reactions^{300,347}, Long term outcomes^{348–354}, Effects on lactation^{351,355–361}, Risk factors, perceptions, use patterns, reasons and trajectories^{263,345,355–358,362–368}, Cannabis-lactation guidelines^{1,2,6,7,369–373}, Healthcare provider practices and ethical considerations^{28,374–381}, Other^{61,382–397}



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Tobacco/Nicotine References: Pharmacokinetic studies of nicotine in breastmilk (223 lactating parents and 47 breastfed infants studied),^{75,398-413} Relative contribution of exposure sources,⁴¹³⁻⁴²⁷ Changes in breastmilk composition/nutrition,^{339,415,428-430,430-445} Adverse drug reactions,^{283,407,412,446} Short term outcomes,^{406,409} Long term outcomes-SIDS,⁴⁴⁷⁻⁴⁶² Long term outcomes-growth,^{434,443,463-466} Long term outcomes-general,^{312-315,467-483,483-620} Long term outcomes-effects of infant feeding method within smoking families,^{474,475,490-493,513,525,530,533,541,544,554,559,561,565,581,583,585,600,615,618,621}, Maternal outcomes,⁶²²⁻⁶²⁵ Effects on lactation,^{28,431,434,443,626,627,627,628,628,629,629-634,634-647} Risk factors, use patterns and trajectories, barriers and facilitators,^{320,355,363,406,631,631,642,643,648-650,650-653,653-658,658,659,659-673} Biology and effects of nicotine, cotinine, NRT, and ENDS,^{1,674-681} Other^{61,168,682-687}

Bupropion References: Pharmacokinetic studies of bupropion in breastmilk (16 lactating parents and 8 breastfed infants studied),⁶⁸⁸⁻⁶⁹² Adverse drug reactions,^{692,693} Other^{61,694}

Varenicline References: Other^{61,675,695}

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