



Lamotrigine

Selected References:

- Almgren M, et al. 2009. Population-based study of antiepileptic drug exposure in utero—influence on head circumference in newborns. *Seizure*. 18(10):672-5.
- Clark CT, Wisner KL. 2018. Treatment of Peripartum Bipolar Disorder. *Obstet Gynecol Clin North Am*. 45(3):403-17.
- Diav-Citrin O, et al. 2017. Is it safe to use lamotrigine during pregnancy? A prospective comparative observational study. *Birth Defects Res*. 109:1196-1203.
- Dolk H, et al. 2008. Does lamotrigine use in pregnancy increase orofacial cleft risk relative to other malformations? *Neurology*; 71:714-722.
- Dolk H, et al. 2016. Lamotrigine use in pregnancy and risk of orofacial cleft and other congenital anomalies. *Neurology*; 86(18):1716-25.
- Harden CL, et al. 2009. Management issues for women with epilepsy. *Epilepsia*; 50(5):1247-1255.
- Hernandez-Diaz S, et al. 2014. Association between topiramate and zonisamide use during pregnancy and low birth weight. *Obstet Gynecol*. 123(1):21-8.
- Hernandez-Diaz S, et al. 2017. Fetal growth and premature delivery in pregnant women on antiepileptic drugs. *Ann Neurol*. 82(3):457-65.
- Holmes LB, et al. 2011. Fetal effects of anticonvulsant polytherapies. *Arch Neurol*; 68(10):1275-1281.
- Khan SJ, et al. 2016. Bipolar Disorder in Pregnancy and Postpartum: Principles of Management. *Curr Psychiatry Rep*; 18(2):13.
- Meador K, et al. 2011. Foetal antiepileptic drug exposure and verbal versus non-verbal abilities at three years of age. *Brain*; 134:396-404.
- Meador KJ, et al, Neurodevelopmental Effects of Antiepileptic Drugs (NEAD) Study Group. 2014. Breastfeeding in children of women taking antiepileptic drugs: cognitive outcomes at age 6 years. *JAMA Pediatr*; 168(8):729-36.
- Newport DJ, et al. 2008. Lamotrigine in breast milk and nursing infants: determination of exposure. *Pediatrics*; 122(1):e223-31.
- Nordmo E, et al. 2009. Severe apnea in an infant exposed to lamotrigine in breast milk. *Ann Pharmacother*;43:1893-7.
- Ohman I, et al. 2000. Lamotrigine in pregnancy: pharmacokinetics during delivery, in the neonate, and during lactation. *Epilepsia*; 41:709-13.
- Pariente G, et al. 2017. Pregnancy Outcomes Following In Utero Exposure to Lamotrigine: A Systematic Review and Meta-Analysis. *CNS Drugs*. (6):439-450.
- Paulzen M, et al. 2015. Lamotrigine in pregnancy – therapeutic drug monitoring in maternal blood, amniotic fluid, and cord blood. *Int Clin Psychopharmacol*; 30(5):249-54.
- Prakash C, et al. 2016. Maternal and Fetal Outcomes After Lamotrigine Use in Pregnancy: A Retrospective Analysis from an Urban Maternal Mental Health Centre in New Zealand. *Psychopharmacol Bull*; 46(2):63-9.
- Tomson T, et al. 2011. Dose-dependent risk of malformations with antiepileptic drugs: an analysis of data from the EURAP epilepsy and pregnancy registry. *Lancet Neurol*; 10(7):609-17.
- Tomson T, et al. 2018. Comparative risk of major congenital malformations with eight different antiepileptic drugs: a prospective cohort study of the EURAP registry. *Lancet neurol*. 17(6):530-8.
- Veiby G, et al. 2013. Early child development and exposure to antiepileptic drugs prenatally and through breastfeeding: A prospective cohort study on children of women with epilepsy. *JAMA Neurol*; 70:1367-74.
- Veiby G, et al. 2015. Epilepsy and recommendations for breastfeeding. *Seizure*; 28:57-65.
- Veroniki AA, et al. 2017. Comparative safety of anti-epileptic drugs during pregnancy: a systematic review and network meta-analysis of congenital malformations and prenatal outcomes. *BMC medicine*. 15(1):95.

- Wakil L, et al. 2009. Neonatal outcomes with the use of lamotrigine for bipolar disorder in pregnancy and breastfeeding: a case series and review of the literature. *Psychopharmacol Bull*; 42:91-8.

November, 2018

If you have questions about the information on this fact sheet or other exposures during pregnancy and breastfeeding, call MotherToBaby at (866) 626-6847. Copyright by OTIS.

