



MotherToBaby

Medications & More During Pregnancy & Breastfeeding  
Ask The Experts

Fact Sheet

by the **Organization of Teratology Information Specialists (OTIS)**

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## Bupropion (Wellbutrin®)

### Selected References:

- Alwan S, et al. 2010. Maternal use of bupropion and risk of congenital heart defects. *Am J Obstet Gynecol* 203(1):52.e1-6.
- Baab S, et al. 2002. Serum bupropion levels in 2 breastfeeding mother-infant pairs. *J Clin Psych* 63:910-911.
- Chun Fai-Chan B, et al. 2005. Pregnancy outcome of women exposed to bupropion during pregnancy: a prospective comparative study. *Am J Obstet Gynecol* 192(3):932-936.
- Cole A, et al. 2007. Bupropion in pregnancy and the prevalence of congenital malformations. *Pharmacoepidemiol Drug Saf* 10.1002/pds.1296.
- Einarson T and Einarson A. 2005. Newer Antidepressants in pregnancy and rates of major malformations: a meta-analysis of prospective comparative studies. *Pharmacoepidemiol Drug Saf* 14:823-827.
- Einarson A, et al. 2009. Incidence of major malformations in infants following antidepressant exposure in pregnancy: results of a large prospective cohort study. *Can J Psychiatry*;54(4):242-246.
- Figueroa R. 2010. Use of antidepressants during pregnancy and risk of attention-deficit/hyperactivity disorder in the offspring. *J Dev Behav Pediatr* 31(8):641.
- Glaxo Wellcome Bupropion Pregnancy Registry 9/1/97 – 8/31/06. Issued December 2006. Research Park, Wilmington, North Carolina.
- Haas J, et al. 2004. Bupropion in breast milk: an exposure assessment for potential treatment to prevent post-partum tobacco use. *Tob Control* 13:52-56.
- Halbreich U, et al. 1991. Menstrual irregularities associated with bupropion treatment. *J Clin Psych* 52:15-16.
- Källén B. 2004. Neonate characteristics after maternal use of antidepressants in late pregnancy. *Arch Pediatr Adolesc Med* 158(4):312-3016.
- Kalra S, et al. 2005. Motherisk Update: Taking depressants during late pregnancy. *Can Fam Physician* 51:1077-1078.
- Nanovskaya TN, et al. 2017. Bupropion sustained release for pregnant smokers: a randomized, placebo-controlled trial. *Am J Obstet Gynecol*. 216(4):420.e1-.e9.
- Neuman G, et al. 2014. Bupropion and Escitalopram During Lactation. *Ann Pharmacother*.48(7):928-31.
- Nonacs R, et al. 2005. Bupropion SR for the treatment of postpartum depression: a pilot study. *Int J Neuropsychopharmacol* 8(3):445-9.
- The Bupropion Pregnancy Registry. Final report. 1 September 1997 through 31 March 2008. Issued August, 2008. Kendle International, Inc., Wilmington, North Carolina.

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