

The Safety of Newer Antidepressants in Pregnancy and Breastfeeding

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Supplementary Material

The full text article, including references cited in the table, can be found at
<http://www.ingentaconnect.com/content/adis/dsf/2005/00000028/00000002/art00005>

Table SI. Summary of reviewed studies on antidepressants in pregnancy and breastfeeding			
Timeframe	Sample size study	Key studies	Scope of article
Fluoxetine			
Pregnancy	796	Pastusak DJ, 1993 ^[16]	Teratogenic risk
	228	Chambers CD, 1996 ^[14]	Teratogenic risk
	128	Goldstein DJ, 1997 ^[18]	Teratogenic risk
	55	Nulman I, 1997 ^[39]	Functional teratogenesis
	64	Cohen LS, 2000 ^[17]	Birth outcomes
	7	Oberlander TF, 2002 ^[36]	Perinatal toxicity
	7	Pitfield SF, 2000 ^[35]	Perinatal toxicity
	40	Nulman I, 2002 ^[40]	Functional teratogenesis
	118	Diav-Citrin O, 2002 ^[19]	Teratogenic risk
	7	Oberlander TF, 2003 ^[34]	Perinatal toxicity
	19 ^a	Oberlander TF, 2004 ^[128]	Perinatal adaptation
	91	Källén B, 2004 ^[127]	Perinatal outcomes
	4	Rampono J, 2004 ^[37]	Perinatal toxicity
	28	Suri R, 2004 ^[38]	Obstetrical outcomes

Breastfeeding	10	Taddio A, 1994 ^[42]	Perinatal toxicity
	11	Taddio A, 1996 ^[44]	Nursing infant exposure
	4	Yoshida K, 1997 ^[45]	Infant neurodevelopment
	26	Chambers, 1999 ^[50]	Adverse events in nursing infants
	14	Kristensen J, 1999 ^[43]	Nursing infant exposure
	13	Birnbaum C, 1999 ^[46]	Nursing infant exposure
	19	Hendrick V, 2001 ^[47]	Nursing infant exposure
	11	Heikkinen T, 2003 ^[41]	Pharmacokinetic of FXT and NFXT in pregnancy, delivery and lactation
	1	Berle JO, 2004 ^[51]	Infant exposure and clinical symptoms
Fluvoxamine			
Pregnancy	19 ^b	McElhatton PR, 1996 ^[22]	Teratogenic risk
	37 ^c	McElhatton PR, 1996 ^[22]	Teratogenic risk
	26	Kulin NA, 1998 ^[21]	Teratogenic risk
Breastfeeding	1	Wright S, 1991 ^[53]	Functional teratogenesis
	1	Yoshida K, 1997 ^[54]	Functional teratogenesis
	2	Piontek CM, 2001 ^[68]	Functional teratogenesis
	4	Hendrick V, 2001 ^[55]	Nursing infant exposure
	2	Kristensen JH, 2002 ^[52]	Functional teratogenesis
Paroxetine			
Pregnancy	97	Kulin NA, 1998 ^[21]	Teratogenic risk
	118	Ericson A, 1999 ^[24]	Teratogenic risk
	11	Pitfield SF, 2000 ^[35]	Perinatal toxicity
	11	Oberlander TF, 2002 ^[36]	Perinatal toxicity
	101	Unfred CL, 2001 ^[69]	Teratogenic risk
	118	Diav-Citrin O, 2002 ^[19]	Teratogenic risk
	55	Costei AM, 2002 ^[70]	Perinatal outcomes

	16	Oberlander TF, 2003 ^[34]	Perinatal toxicity
	46 ^d	Oberlander TF, 2004 ^[128]	Perinatal adaptation
	106	Källén B, 2004 ^[127]	Perinatal outcomes
	2	Rampono J, 2004 ^[37]	Perinatal toxicity
Breastfeeding	6	Ohman R, 1999 ^[58]	Nursing infant exposure
	10	Begg EJ, 1999 ^[57]	Nursing infant exposure
	16	Hendrick V, 2001 ^[55]	Nursing infant exposure
	16	Misri S, 2000 ^[56]	Nursing infant exposure
	25	Stowe ZN, 2000 ^[76]	Nursing infant exposure
	27	Merlob P, 2004 ^[78]	Infant weight gain
	6	Berle JO, 2004 ^[51]	Infant exposure and clinical symptoms
Sertraline			
Pregnancy	147	Kulin NA, 1998 ^[21]	Teratogenic risk
	112	Chambers CD, 1999 ^[23]	Teratogenic risk
	4	Oberlander TF, 2002 ^[36]	Perinatal toxicity
	4	Pitfield SF, 2000 ^[35]	Perinatal toxicity
	4	Oberlander TF, 2003 ^[34]	Perinatal toxicity
	4	Oberlander TF, 2004 ^[128]	Perinatal adaptation
	77	Källén B, 2004 ^[127]	Perinatal outcomes
	4	Rampono J, 2004 ^[37]	Perinatal toxicity
Breastfeeding	8	Altshuler LL, 1995 ^[80]	Infant behavioural effects
	3	Mammen PK, 1997 ^[61]	Functional teratogenesis
	11	Stowe ZN, 1997 ^[81]	Functional teratogenesis
	8	Kristensen JH, 1998 ^[63]	Functional teratogenesis
	9	Wisner KL, 1998 ^[64]	Nursing infant exposure
	10	Dodd S, 2000 ^[60]	Nursing infant exposure
	30	Hendrick V, 2001 ^[55]	Nursing infant exposure

	25	Stowe ZN, 2003 ^[62]	Functional teratogenesis
	6	Berle JO, 2004 ^[51]	Infant exposure and clinical symptoms
Citalopram			
Pregnancy	357	Ericson A, 1999 ^[24]	Teratogenic risk
	11	Heikkinen T, 2002 ^[84]	Teratogenic risk
	10	Laine K, 2003 ^[83]	Perinatal toxicity
	285	Källén A, 2004 ^[127]	Perinatal outcomes
Breastfeeding	3	Spigset O, 1997 ^[67]	Nursing infant exposure
	11	Heikkinen T, 2002 ^[84]	Functional teratogenesis
	7	Rampono J, 2000 ^[66]	Perinatal toxicity
	31	Lee A, 2004 ^[86]	Adverse events in nursing infants
	10	Berle JO, 2004 ^[51]	Infant exposure and clinical symptoms
Mirtazapine			
Pregnancy	1	Simhandl C, 1998 ^[89]	Teratogenic risk
	7	Saks BR, 2001 ^[94]	Treatment of depression, anxiety and hyperemesis in pregnant patients
	2	Kesim M, 2002 ^[90]	Teratogenic risk
	1	Rodhe A, 2003 ^[95]	Treatment of hyperemesis
	1	Yaris F, 2004 ^[98]	Teratogenic risk
	3	Rodhe A, 2004 ^[96]	Treatment of hyperemesis
	9	Yaris F, 2004 ^[97]	Pregnancy outcomes and infant development
Breastfeeding	1	Aichorn W, 2004 ^[100]	Drug levels in human milk and suckling infant's plasma
Venlafaxine			
Pregnancy	39	Sinclair J, 1998 ^[20]	Teratogenic risk
	150	Einarson A, 2001 ^[101]	Teratogenic risk
	24	Källén B, 2004 ^[127]	Neonatal outcomes

	1	Rampono J, 2004 ^[37]	Perinatal toxicity
	10	Yaris F, 2004 ^[97]	Pregnancy outcomes and infant development
Breastfeeding	3	Ilett KF, 1998 ^[104]	Nursing infant exposure
	2	Hendrick V, 2001 ^[105]	Nursing infant exposure
	7	Ilett KF, 2002 ^[103]	Nursing infant exposure
	3	Berle JO, 2004 ^[51]	Infant exposure and clinical symptoms
Bupropion			
Pregnancy	12	Boshier A, 2003 ^[109]	Safety for smoking cessation
	266	Manufacturer's registry, 2004 ^[108]	Structural teratogenic risk
Breastfeeding	1	Briggs GG, 1993 ^[110]	Breast milk levels
	2	Baab SW, 2002 ^[111]	Nursing infant exposure
	10	Haas JS, 2004 ^[112]	Potential infant exposure
	1	Chaudron LH, 2004 ^[113]	Adverse events in suckling infants
a 17 FXT alone; 2 FXT plus clonazepam.			
b Fluvoxamine monotherapy.			
c Fluvoxamine plus other drugs.			
d 28 cases of exposure to paroxetine alone; 18 cases of contemporary exposure to paroxetine plus clonazepam.			
FXT = fluoxetine; NFXT = norfluoxetine.			