

Additional file 1 - Characteristics of studies of the association of cigarette smoking and gestational diabetes mellitus.

Author, year	Location	Data source	Description of the study population	Adjustments	Degree of adjustment*
Terry et al., 2003 [23]	Sweden	Birth registry	First and second deliveries between January, 1987 and December, 1995.	Maternal age, living with infant's father, interpregnancy interval, maternal height, BMI during pregnancy.	++
England et al., 2004 [24]	U.S.	CPEP trial	Participants of the Calcium for Pre-eclampsia Prevention trial. 1992 to 1995.	Race/ethnicity, age, education, BMI at enrollment, pregnancy loss, private health insurance, study center, gestational age at blood collection.	++
Cnattingius et al., 2002 [69]	Sweden	Birth register	Women with singleton births between 1992 and 1997, in Sweden.	Age, parity, cohabitation with infant's father, maternal education, mother's country of birth, maternal height, BMI at first antenatal care visit.	++
Xiong et al., 2001[60]	Canada	Hospital register	Women from the Northern and Central Alberta Perinatal Audit and Education Program of Canada from July, 1991 to December, 1997.	Parity, age, maternal weight, alcohol use, history of neonatal death, history of delivery < 37 weeks, history of cesarean section and history of major neonatal malformation.	+
Wendland et al., 2007 [59]	Brazil	Prospective study	Women using the public health clinics in six state capitals of Brazil from 1991 to 1995.	Study center, age, skin color, pre-pregnancy BMI and weight gain during pregnancy.	+++
Rodrigues et al., 1999 [66]	Canada	Medical records	Cree population from James Bay and women delivered at Royal Victoria Hospital in Montreal from 1995 to 1996 and women from the MOND database from 1990 to 1996.	Age, parity, prepregnancy body weight.	+
Berkowitz et al., 1992 [61]	U.S.	Hospital registry	Singleton pregnancies at Mount Sinai Medical Center (NY) from January, 1987 to December, 1989	None	-
Bo et al., 2001 [64]	Italy	Prospective study	Pregnant women attending the Gynecological and Obstetrical Department of the University of Turin from April, 1999 to November, 2000.	None	-
Cosson et al., 2006 [65]	France	Prospective study	Women who delivered at Jean Verdier Hospital - Bondy, from October, 2000 to December, 2002.	None	-
Wolf et al., 2003 [63]	U.S.	Prospective study	Participants of the Massachusetts General Hospital Obstetric Maternal Study (MOMS) from September, 1998 to July, 2001.	None	-
Ostlund et al., 2004 [62]	Sweden	Birth registry	All women with singleton births from 1992 to 1996, registered in the Swedish Medical Birth register.	None	-
Joffe et al., 1998 [57]	U.S.	CPEP trial	Participants of the Calcium for Preeclampsia Prevention Trial with complete glucose screening. 1992 to 1995.	None	-

*Degree of adjustment for potential confounders were categorized as + for age; ++ for age plus prepregnancy BMI; +++ for these plus weight gain during pregnancy.