

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Vikse BE, Irgens LM, Leivestad T, Skjærven R, Iversen BM. Preeclampsia and the risk of end-stage renal disease. *N Engl J Med* 2008;359:800-9.

Table for web appendix. Preeclampsia, preterm birth and risk of ESRD, analysed separately after first, second and third pregnancy. Norway, births 1967-2004, ESRD 1980-2005.

	N Total ^a	N ESRD ^a	Rate per 100,000 years ^b	Relative risk (95% CI) Unadjusted	Relative risk (95% CI) Model 1 ^c	Relative risk (95% CI) Model 2 ^d
After one pregnancy						
– all women						
No preeclampsia, no preterm offspring	490,611	312	2.8 (2.5-3.1)	1.0	1.0	1.0
No preeclampsia, preterm offspring	29,033	71	11 (8-13)	3.8 (2.9-4.9)	3.5 (2.7-4.6)	2.0 (1.4-3.0)
Preeclampsia, no preterm offspring	16,611	36	9.7 (6.8-13)	3.7 (2.6-5.2)	3.6 (2.5-5.0)	2.8 (1.8-4.4)
Preeclampsia, preterm offspring	2,924	23	37 (23-54)	15 (10-23)	12 (8-19)	6.2 (3.0-12)
After two pregnancies						
– women with two or more pregnancies						
No preeclampsia, no preterm offspring	371,492	187	2.4 (2.1-2.8)	1.0	1.0	1.0
No preeclampsia, ≥ 1 preterm offspring	37,692	50	6.4 (4.7-8.3)	2.6 (1.9-3.6)	2.3 (1.6-3.2)	1.6 (1.1-2.5)
1 pregnancy with preeclampsia, no preterm offspring	14,981	31	10 (7-14)	4.5 (3.1-6.6)	4.2 (2.9-6.2)	3.2 (1.9-5.2)
1 pregnancy with preeclampsia, ≥ 1 preterm offspring	3,373	11	17 (9-29)	8.0 (4.4-15)	5.8 (3.0-11)	3.7 (1.4-10)
2 pregnancies with preeclampsia	2,411	7	15 (6-29)	7.5 (3.5-16)	5.6 (2.5-13)	2.9 (0.7-12)
After three pregnancies						
– women with three or more pregnancies						
No preeclampsia, no preterm offspring	142,663	54	2.1 (1.6-2.7)	1.0	1.0	1.0
No preeclampsia, 1 preterm offspring	18,144	12	3.6 (1.8-5.9)	1.6 (0.9-3.0)	1.5 (0.8-2.8)	0.9 (0.4-2.4)
No preeclampsia, ≥ 2 preterm offspring	2,968	6	11 (4-21)	4.4 (1.9-10)	3.8 (1.6-9.4)	2.3 (0.5-9.5)
1 pregnancy with preeclampsia, 0 preterm offspring	6,814	11	9.4 (4.7-21)	4.7 (2.5-9.0)	4.2 (2.1-8.2)	4.0 (1.8-8.9)
1 pregnancy with preeclampsia, ≥ 1 preterm offspring	1,921	12	38 (20-63)	19 (10-35)	16 (8-32)	18 (8-40)
≥2 pregnancies with preeclampsia	1,400	7	31 (12-59)	17 (8-37)	11 (4-28)	3.8 (0.5-28)

^aWomen with missing information on gestational age were excluded from these analyses

^bNumber of ESRD per 100,000 years of observation after last included pregnancy.

^cAdjusted for year, age, marital status, stillbirth and congenital malformations of offspring in all included pregnancies.

^d Women diagnosed with essential hypertension, kidney disease, rheumatic disease or diabetes mellitus before first, second or third pregnancy were excluded; analyses adjusted for year, age, marital status, stillbirth and congenital malformations of offspring in all included pregnancies