



Appendix 3

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix to: Hodyl NA, Grzeskowiak LE, Stark MJ, et al. The impact of Aboriginal status, cigarette smoking and smoking cessation on perinatal outcomes in South Australia. *Med J Aust* 2014; 201: 274-278. doi: 10.5694/mja13.11142.

Appendix 3: Odds ratios and adjusted odds ratios for perinatal outcomes according to Aboriginal status and smoking in pregnancy in South Australia 1999-2008 using non-indigenous women with matched smoking status as the reference group. Statistical significance is indicated by the asterisks *p<0.05, **p≤0.01, ***p≤0.001. Significance of overall interaction effect (Aboriginal status x smoking) is also reported for OR and adjusted OR.

Study Group	Aboriginal Non-Smoker		Aboriginal Quit Smoking		Aboriginal Smoke 1-10 cigarettes/day		Aboriginal Smoke 11+ cigarettes/day		P overall interaction (Aboriginal status x Smoking) OR, aOR
	Non-indigenous Non-smoker		Non-indigenous Quit Smoking		Non-indigenous Smoke 1-10 cigarettes/day		Non-indigenous Smoke 11+ cigarettes/day		
	OR	aOR (95% CI)	OR	aOR (95% CI)	OR	aOR (95% CI)	OR	aOR (95% CI)	
Hypertensive disorders of pregnancy ¹	1.56***	1.40 (1.19-1.64)***	1.28	1.28 (0.83-1.98)	1.00	1.11 (0.88-1.41)	1.28	1.38 (1.03-1.86)*	0.13, 0.08
Gestational diabetes ¹	2.11***	2.72 (2.26-3.27)***	1.13	1.17 (0.58-2.35)	1.27	1.75 (1.32-2.34)***	1.56**	1.74 (1.27-2.38)***	0.01, <0.001
Antepartum haemorrhage ¹	1.14	1.08 (0.83-1.41)	1.17	0.86 (0.42-1.78)	0.98	0.86 (0.66-1.12)	0.89	0.89 (0.64-1.24)	0.61, 0.74
Urinary tract infection ¹	3.19***	1.81 (1.46-2.22)***	3.55***	2.53 (1.55-4.11)***	2.44***	1.95 (1.58-2.41)***	1.97***	1.72 (1.30-2.28)***	0.023, 0.56
Elective Caesarean ¹	0.86*	1.23 (1.06-1.43)**	0.73	0.89 (0.56-1.41)	0.90	1.10 (0.91-1.32)	0.87	0.94 (0.74-1.19)	0.87, 0.46
Emergency Caesarean ¹	1.17*	1.73 (1.51-1.98)***	1.08	1.53 (1.08-2.17)*	0.98	1.28 (1.09-2.50)**	1.20	1.43 (1.17-1.76)***	0.18, 0.11
Premature labour ¹	1.96***	1.82 (1.46-1.27)***	2.71***	2.01 (1.17-3.46)*	2.38***	1.77 (1.45-2.15)***	1.99***	1.79 (1.41-2.29)***	0.36, 0.47
PROM ¹	1.91***	1.93 (1.46-2.55)***	2.16*	2.26 (1.11-4.61)*	1.88***	1.71 (1.31-2.25)***	2.34***	2.38 (1.77-3.21)***	0.69, 0.77
Very preterm birth <32weeks ¹	3.23***	2.70 (2.07-3.51)***	4.03*	3.31 (1.64-6.65)***	2.36*	1.79 (1.36-2.35)***	2.41*	2.06 (1.48-2.88)***	0.18, 0.42
Preterm Birth <37 weeks ¹	2.25***	2.12 (1.81-2.47)***	2.84***	2.56 (1.71-3.83)***	2.12***	1.71 (1.46-2.00)***	1.94***	1.75 (1.44-2.12)***	0.32, 0.42
IUGR (<3 centile) ²	1.78***	1.66 (1.32-2.08)***	2.08***	2.41 (1.38-4.18)***	1.52***	1.49 (1.25-1.78)***	1.53***	1.55 (1.25-1.92)***	0.57, 0.59
SGA (<10centile) ²	1.51***	1.44 (1.24-1.67)***	1.69**	1.74 (1.20-2.53)**	1.57***	1.56 (1.38-1.77)***	1.32***	1.32 (1.12-1.54)***	0.28, 0.19
Neonatal Intensive Care ³	2.58***	1.86 (1.45-2.39)***	2.74**	2.43 (1.22-4.84)*	1.98***	1.55 (1.17-2.04)**	1.98***	1.61 (1.14-2.27)**	0.36, 0.64
Resuscitation ³	1.54***	1.29 (1.11-1.50)***	1.23	1.16 (0.76-1.78)	1.11	1.12 (0.94-1.34)	1.05	0.98 (0.78-1.24)	0.01, 0.23
Oxygen therapy (>4 hours) ³	2.00***	1.67 (0.40-1.99)***	1.69*	1.66 (1.01-2.74)*	1.66***	1.45 (1.19-1.77)***	1.50***	1.35 (1.05-1.75)*	0.24, 0.56
Still birth ¹	3.05***	2.82 (1.88-4.25)***	2.52	1.61 (0.37-6.97)	1.96**	1.73 (1.06-2.81)*	1.85*	1.80 (0.96-3.39)	0.43, 0.42
Neonatal death (<28 days) ⁴	2.35*	2.23 (1.08-4.59)*	2.69	3.55 (0.44-28.99)	2.96**	2.22 (1.01-4.87)*	2.27	2.19 (0.82-5.88)	0.96, 0.96
Congenital abnormalities ¹	1.24	1.16 (0.86-1.57)	1.24	1.21 (0.52-2.81)	1.17	1.10 (0.79-1.54)	1.52*	1.47 (0.99-2.19)	0.78, 0.78