



Appendix 4

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 4: Unadjusted and adjusted odds ratios for maternal obstetric conditions according to Aboriginal status and smoking during pregnancy, using non-smokers in the matched Aboriginal or non-indigenous population as the reference group. Significant effects are indicated by asterisks *p<0.05, **p<0.01, ***p<0.001.

| | | Non-smoker | Quit Smoking | | Smoke 1-10 cigarettes/day | | Smoke 11+ cigarettes/day | |
|-------------------------------------|----------------|------------|--------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|
| | | | OR | aOR ¹ (95% CI) | OR | aOR ¹ (95% CI) | OR | aOR ¹ (95% CI) |
| Hypertensive disorders of pregnancy | Aboriginal | Reference | 0.91 | 0.88 (0.56-1.40) | 0.48*** | 0.52 (0.40-0.68)*** | 0.57*** | 0.63 (0.46-0.87)** |
| | Non-indigenous | Reference | 1.11** | 0.98 (0.91-1.06) | 0.75*** | 0.72 (0.67-0.77)*** | 0.69*** | 0.70 (0.64-0.77)*** |
| Gestational diabetes | Aboriginal | Reference | 0.47* | 0.42 (0.20-0.89)* | 0.48*** | 0.54 (0.39-0.74)*** | 0.71* | 0.60 (0.42-0.85)** |
| | Non-indigenous | Reference | 0.94 | 1.07 (0.96-1.20) | 0.79*** | 0.94 (0.86-1.03) | 0.96 | 1.02 (0.92-1.14) |
| Antepartum haemorrhage | Aboriginal | Reference | 1.09 | 1.00 (0.47-2.12) | 1.22 | 1.20 (0.83-1.72) | 1.34 | 1.21 (0.80-1.83) |
| | Non-indigenous | Reference | 1.03 | 1.01 (0.90-1.14) | 1.43*** | 1.37 (1.27-1.49)*** | 1.73*** | 1.59 (1.44-1.74)*** |
| Urinary tract infection | Aboriginal | Reference | 1.45 | 1.47 (0.88-2.43) | 1.36* | 1.31 (1.00-1.73) | 1.22 | 1.16 (0.83-1.62) |
| | Non-indigenous | Reference | 1.33*** | 1.10 (0.96-1.25) | 1.76*** | 1.30 (1.18-1.42)*** | 1.97*** | 1.42 (1.27-1.58)*** |
| Elective Caesarean | Aboriginal | Reference | 0.72 | 0.86 (0.53-1.40) | 0.74** | 0.76 (0.60-0.96)** | 0.75* | 0.67 (0.51-0.89)** |
| | Non-indigenous | Reference | 0.84*** | 1.08 (1.01-1.16)* | 0.71*** | 0.89 (0.84-0.93)*** | 0.74*** | 0.88 (0.82-0.93)*** |
| Emergency Caesarean | Aboriginal | Reference | 1.14 | 1.02 (0.71-1.47) | 0.72*** | 0.80 (0.65-0.97)* | 0.78* | 0.93 (0.74-1.18) |
| | Non-indigenous | Reference | 1.24*** | 1.11 (1.05-1.18)*** | 0.87*** | 1.05 (1.00-1.10)* | 0.76*** | 1.16 (1.09-1.24)*** |
| Premature labour | Aboriginal | Reference | 1.35 | 1.31 (0.74-2.32) | 1.90*** | 1.69 (1.28-2.23)*** | 2.03*** | 1.88 (1.37-2.55)*** |
| | Non-indigenous | Reference | 1.01 | 0.96 (0.84-1.09) | 1.53*** | 1.46 (1.34-1.58)*** | 2.00*** | 1.99 (1.81-2.18)*** |
| PROM | Aboriginal | Reference | 1.22 | 1.23 (0.59-2.54) | 1.46* | 1.31 (0.91-1.89) | 2.20*** | 2.13 (1.44-3.14)*** |
| | Non-indigenous | Reference | 1.04 | 1.00 (0.85-1.17) | 1.47*** | 1.48 (1.33-1.64)*** | 1.79*** | 1.87 (1.65-2.11)*** |

¹Odds ratios adjusted for maternal age, parity, SEIFA, year of birth, pre-existing hypertension, pre-existing diabetes and asthma.