Table 3. Crude odds ratios and adjusted odds ratios (aOR) with 95% CIs for OASIS among women with deliveries by vacuum or forceps (n=70,758) in Norway during 2001‒2018.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Crude | Model 1 | Model 2 |
|  | Odds ratio (95% CI) | aOR (95% CI) | aOR (95% CI) |
| **Delivery method** |  |  |  |
| Vacuum | Reference | Reference | Reference |
| Forceps | 1.70 (1.59–1.82) | 1.72 (1.61–1.84) | 1.92 (1.79–2.05) |
| **Episiotomy** | 0.54 (0.52–0.57) | - | 0.55 (0.52–0.58) |
| **Time period** |  |  |  |
| 2001‒2003 | Reference | Reference | Reference |
| 2004‒2006 | 0.85 (0.77–0.92) | 0.89 (0.82–0.96) | 0.84 (0.77–0.91) |
| 2007‒2009 | 0.60 (0.55–0.66) | 0.65 (0.60–0.71) | 0.66 (0.61–0.72) |
| 2010‒2012 | 0.40 (0.36–0.44) | 0.43 (0.39–0.47) | 0.45 (0.41–0.49) |
| 2013‒2015 | 0.34 (0.31–0.37) | 0.37 (0.34–0.41) | 0.41 (0.37–0.45) |
| 2016‒2018 | 0.32 (0.29–0.35) | 0.34 (0.31–0.38) | 0.39 (0.35–0.43) |
| **Epidural analgesia** | 0.77 (0.74–0.82) | 0.81 (0.77–0.86) | 0.81 (0.77–0.85) |
| **Birthweight, grams** |  |  |  |
| <3000 | 0.64 (0.57–0.72) | 0.63 (0.56–0.71) | 0.62 (0.55–0.77) |
| 3000‒3499 | Reference | Reference | Reference |
| 3500‒3999 | 1.38 (1.30–1.48) | 1.34 (1.26–1.43) | 1.36 (1.27–1.45) |
| ≥4000 | 2.02 (1.88–2.17) | 1.91 (1.78–2.06) | 1.98 (1.84–2.14) |
| **Presentation** |  |  |  |
| Normal cephalic | Reference | Reference | Reference |
| Abnormal cephalic | 1.58 (1.46–1.71) | 1.57 (1.45–1.70) | 1.65 (1.52–1.79) |
| **Maternal age, years** |  |  |  |
| <25 | 0.88 (0.82–0.92) | 0.82 (0.76–0.88) | 0.80 (0.74–0.86) |
| 25‒29 | Reference | Reference | Reference |
| 30‒34 | 0.94 (0.86–1.00) | 0.99 (0.93–1.05) | 1.00 (0.94–1.07) |
| 35‒39 | 0.84 (0.76–0.92) | 0.92 (0.84–1.02) | 0.94 (0.85–1.04) |
| ≥40 | 0.63 (0.50–0.80) | 0.77 (0.61–0.97) | 0.81 (0.64–1.02) |