**Table 2: Statistical analysis for all studies included in the meta-analysis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | No. of studies analyzed | Q  P-value\* | Pooled effect  [95%CI]\*\* | *P*-value\*\*\* |
| Time from catheter insertion to delivery (hours) | 4 | <.0001 | -0.87 [-3.55, 1.82] | 0.527 |
| Time from catheter insertion to vaginal delivery (hours) | 2 | 0.45 | 1.003 [-0.45, 2.45] | 0.175 |
| Vaginal deliveries | 5 | 0.053 | 1.01 [0.90-1.13] | 0.830 |
| Spontaneous vaginal deliveries | 4 | 0.019 | 1.02 [0.82-1.26] | 0.884 |
| Vacuum deliveries | 4 | 0.3 | 0.95 [0.72-1.24] | 0.685 |
| Cesarean deliveries | 5 | 0.056 | 0.97 [0.69-1.35] | 0.844 |
| Vacuum or cesarean | 4 | 0.015 | 1.02 [0.77-1.36] | 0.895 |
| Delivery within 24 h from catheter insertion | 1 | - | 0.99 [0.88-1.12] | 0.849 |
| Vaginal delivery within 24 h from catheter insertion | 3 | 0.115 | 0.94 [0.82-1.09] | 0.418 |
| Apgar score < 7 at 5 min | 2 | 0.457 | 0.53 [0.15-1.88] | 0.322 |
| Intrapartum fever/chorioamnionitis | 4 | 0.266 | 1.08 [0.67-1.73] | 0.761 |

\* Heterogeneity of the studies was explored using Cochrane’s Q test of heterogeneity (P<0.1 considered statistically significant). Random and fixed effects (DerSimonian and Laird and inverse variance methods, respectively) were chosen accordingly. When only one study was included, no heterogeneity test was performed.

\*\* Relative risk (RR) was the pooled effect for categorical outcomes and the weighted mean difference (WMD) was the pooled effect for continuous outcomes.

\*\*\* P-value for the test: pooled effect insignificant; for categorical outcomes the test was RR=1 and for continuous outcomes the test was WMD=0.