**Table 3: Statistical analysis for all studies included in the meta-analysis in nulliparous women.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | No. of studies analyzed | Q  P-value\* | Pooled effect  [95%CI]\*\* | *P*-value\*\*\* |
| Time from catheter insertion to delivery (hours) | 2 | 0.06 | 1.28 [-0.90, 3.47] | 0.251 |
| Time from catheter insertion to vaginal delivery (hours) | 2 | 0.853 | 0.92 [-1.22, 3.06] | 0.40 |
| Vaginal deliveries | 3 | 0.076 | 0.97 [0.76-1.24] | 0.793 |
| Spontaneous vaginal deliveries | 2 | 0.846 | 0.85 [0.70-1.03] | 0.091 |
| Vacuum deliveries | 2 | 0.565 | 1.02 [0.65-1.59] | 0.935 |
| Cesarean deliveries | 3 | 0.035 | 1.04 [0.61-1.77] | 0.882 |
| Vacuum or cesarean | 2 | 0.2 | 1.19 [0.97-1.45] | 0.091 |
| Delivery within 24 h from catheter insertion | 1 | - | 0.99 [0.78-1.25] | 0.914 |
| Vaginal delivery within 24 h from catheter insertion | 3 | 0.245 | 0.89 [0.72-1.09] | 0.253 |
| Apgar score < 7 at 5 min | 1 | - | 0.21 [0.01-4.23] | 0.305 |
| Intrapartum fever/chorioamnionitis | 2 | 0.128 | 1.22 [0.71-2.08] | 0.478 |

\* 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.