|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Evidence table 3, Comparison 2.** | | | | | |
| **Outcomes** | **№ of participants (studies) Follow-up** | **Certainty of the evidence (GRADE)** | **Relative effect (95% CI)** | **Anticipated absolute effects\* (95% CI)** | |
| **Risk with standard hospital care** | **Risk difference with skin to skin care** |
| Survival to hospital discharge | 203 (1 RCT)1 | ⨁◯◯◯ Very lowa,b | **RR 1.00** (0.99 to 1.01) | Study population | |
| 1,000 per 1,000 | **0 fewer per 1,000** (10 fewer to 10 more) |
| Normothermia on admission to neonatal unit or postnatal ward | 551 (3 RCTs)1,2,3 | ⨁◯◯◯ Very lowc,d,e,f | **RR 1.39** (0.91 to 2.12) | Study population | |
| 614 per 1,000 | **239 more per 1,000** (55 fewer to 688 more) |
| Body temperature assessed with: digital or mercury or contactless thermometer, axillary, rectal or other defined site | 1048 (8 RCTs)1,2,3,4,5,6,7,8 | ⨁◯◯◯ Very lowc,g,h,i,j | - | The mean body temperature was **36.5** ºC | MD **0.32 ºC higher** (0.1 higher to 0.54 higher) |
| Hypoglycemia | 100 (1 RCT)6 | ⨁◯◯◯ Very lowb,k,l | **RR 0.16** (0.05 to 0.53) | Study population | |
| 326 per 1,000 | **273 fewer per 1,000** (309 fewer to 153 fewer) |
| Admission to neonatal intensive or special care unit | 512 (3 RCTs)1,7,9 | ⨁◯◯◯ Very lowc,d,m | **RR 0.34** (0.14 to 0.83) | Study population | |
| 70 per 1,000 | **46 fewer per 1,000** (60 fewer to 12 fewer) |
| Low | |
| 0 per 1,000 | **0 fewer per 1,000** (0 fewer to 0 fewer) |
| Any hypothermia < 36.5º C | 197 (1 RCT)8 | ⨁⨁⨁◯ Moderatec | **RR 0.54** (0.28 to 1.06) | Study population | |
| 210 per 1,000 | **97 fewer per 1,000** (151 fewer to 13 more) |
| Cold stress/mild hypothermia (temperature 36.0 – 36.4ºC) | 443 (2 RCTs)1,2 | ⨁◯◯◯ Very lowc,d,i,n | **RR 0.10** (0.00 to 557.45) | Study population | |
| 214 per 1,000 | **192 fewer per 1,000** (214 fewer to 118,878 more) |
| Moderate hypothermia (temperature 32.0-35.9ºC) | 626 (4 RCTs)1,10,3,6 | ⨁◯◯◯ Very lowc,d,i,o | **RR 0.54** (0.20 to 1.52) | Study population | |
| 309 per 1,000 | **142 fewer per 1,000** (247 fewer to 161 more) |
| Severe hypothermia (temperature <32.0ºC) | 203 (1 RCT)1 | ⨁◯◯◯ Very lowa,b,p | not estimable | Study population | |
| 0 per 1,000 | **0 fewer per 1,000** (0 fewer to 0 fewer) |

1 {Ramani 2018 492} 2 {Srivastava 2014 22} 3 {Safari 2018 32} 4 {Christensson 1992 488} 5 {Huang 2019 68} 6 {KoÇ 2017 1} 7 {Kollmann 2017 e0168783} 8 {Carfoot 2005 71} 9 {Marín Gabriel 2010 1630} 10 {Johanson 1992 859}

1. Infants born by caesarean section and those at risk for needing resuscitation were excluded
2. The only included study had a high risk of overall bias
3. 95% CI crosses the clinical decision threshold
4. All studies were at high risk of overall bias
5. I2 = 90% but the high value might be due to differences between small and large magnitude of effect
6. Most of the studies included only well term newborns
7. All but one of the studies were judged to be at high risk of bias
8. I2 = 95%
9. Studies excluded all or most infants who needed resuscitation
10. Most studies only included vaginal births, some included only caesarean births
11. Single study underpowered for this outcome
12. All vaginal births, infants excluded if they developed a health problem during skin to skin care
13. Newborns requiring resuscitation were excluded.
14. I2 = 87%
15. I2 = 84%
16. No events in either study group