Table S9: Estimated hazard ratio\* of treatment on gestational age at birth, capped at 37 weeks, by metronidazole or clindamycin treatment, including imputed results from studies without IPD. Hazard ratios <1 indicate that treatment prolongs pregnancy. Results are presented overall and excluding each individual study.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | n\* | Treated (n)\* | Controls (n)\* | Hazard Ratio  (95% Confidence Limits)† | P-value for interaction of treatment \* gestation at randomization | P-value for interaction of treatment \* obstetric history |
| Overall  Singletons only | 4649  4631 | 2367  2357 | 2282  2274 | 0.99 (0.96-1.03)  1.00 (0.97-1.03) | 1.00  1.00 | 0.99  0.99 |
| Metronidazole | | | | | | |
| Exclude Hauth | 4376 | 2187 | 2189 | 1.00 (0.98-1.03) | 0.99 | 0.73 |
| Exclude Carey | 2724 | 1411 | 1313 | 0.99 (0.94-1.04) | 1.00 | 0.61 |
| Exclude Klebanoff | 4398 | 2230 | 2169 | 0.99 (0.96-1.02) | 1.00 | 0.75 |
| Exclude Odendaal | 4355 | 2218 | 2138 | 0.99 (0.96-1.02) | 1.00 | 0.56 |
| Exclude Andrews | 4447 | 2272 | 2176 | 1.00 (0.97-1.03) | 1.00 | 0.81 |
| Exclude Shennan | 4620 | 2352 | 2269 | 1.00 (0.97-1.02) | 1.00 | 0.95 |
| Exclude Goldenberg | 3536 | 1824 | 1723 | 1.00 (0.96-1.03) | 1.00 | 0.97 |
| Exclude Morales | 4551 | 2314 | 2238 | 1.00 (0.98-1.03) | 1.00 | 0.56 |
| Exclude McDonald | 4152 | 2116 | 2037 | 1.00 (0.97-1.03) | 1.00 | 0.83 |
| Exclude Moniri | 4512 | 2298 | 2214 | 1.00 (0.97-1.03) | 1.00 | 0.98 |
| Overall  Singletons only | 6066  5977 | 3494  3452 | 2571  2525 | 0.99 (0.97-1.02)  0.99 (0.97-1.02) | 0.99  0.99 | 0.17  0.16 |
| Clindamycin | | | | | | |
| Exclude Ugwumadu | 5586 | 3254 | 2332 | 1.00 (0.98-1.02) | 0.99 | 0.41 |
| Exclude Lamont | 5584 | 3256 | 2328 | 1.00 (0.97-1.02) | 0.99 | 0.16 |
| Exclude Kiss | 5605 | 3265 | 2340 | 0.99 (0.96-1.02) | 0.99 | 0.09 |
| Exclude Larsson | 5187 | 3054 | 2133 | 0.99 (0.96-1.02) | 0.99 | 0.14 |
| Exclude Hoffman | 5909 | 3417 | 2492 | 1.00 (0.97-1.02) | 0.99 | 0.15 |
| Exclude Subtil | 3229 | 1609 | 1620 | 0.98 (0.95-1.01) | 0.99 | 0.21 |
| Exclude Joesoef | 5309 | 3117 | 2192 | 0.99 (0.96-1.02) | 0.99 | 0.20 |
| Exclude Vermeulen | 5956 | 3442 | 2514 | 0.99 (0.97-1.02) | 0.99 | 0.16 |
| Exclude Kekki | 5610 | 3269 | 2341 | 0.99 (0.97-1.02) | 0.99 | 0.15 |
| Exclude Gauschino | 5877 | 3403 | 2474 | 1.00 (0.97-1.02) | 1.00 | 0.27 |
| Exclude Giuffrida | 5918 | 3423 | 2495 | 0.99 (0.97-1.02) | 0.99 | 0.16 |

\*N’s are average number used in analysis; different imputations can produce slightly different N’s. Rounding can cause number overall to be different than sum of number in treatment and control. Twins are not included except in the overall results

†Model includes terms for gestational age at randomization and history of preterm birth (as a 3-level variable). Twin pregnancies are included only in the overall results.