Graphical user interface, text, application, chat or text message

Description automatically generated

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|  | Not yet infected by Covid-19 | Infected | p value |
|  | N=881 | N=73 |  |
| Maternal age – years | 31.5 ± 4.5 | 29.9 ± 4.2 | 0.002 |
| Previous\_pregnancies–n(%) |  |  | <0.001 |
| 0 | 438 (49.7%) | 8 (11.0%) |
| 1 | 220 (25.0%) | 30 (41.1%) |
| 2 | 176 (20.0%) | 30 (41.1%) |
| ≥3 | 47 (5.3%) | 5 (6.8%) |
| Pregnancy type – n (%) |  |  | 0.131 |
| Assisted | 91 (10.3%) | 3 (4.1%) |
| Natural conceived | 790 (89.7%) | 70 (95.9%) |
| Vaccination status – n (%) |  |  | 0.884 |
| Fully vaccinated | 626 (71.1%) | 53 (72.6%) |
| Only 1 dose | 255 (28.9%) | 20 (27.4%) |
| First vaccine type – n (%) |  |  | 0.359 |
| AstraZeneca | 403 (45.7%) | 38 (52.1%) |  |
| Pfizer BioNTech | 478 (54.3%) | 35 (47.9%) |  |
| Second vaccine type – n (%) |  |  | 0.409 |
| AstraZeneca | 241 (38.5%) | 24 (45.3%) |  |
| Pfizer BioNTech | 385 (61.5%) | 29 (54.7%) |  |
| Gestational age at vaccination – weeks | 32.2 ± 4.3 | 31.5 ± 4.1 | 0.122 |
| Gestational HBP – n (%) | 3 (0.3%) | 0 (0.0%) | 1 |
| Gestational diabetes – n (%) | 111 (12.6%) | 9 (12.3%) | 1 |
| Neonatal ICU events – n (%) | 43 (4.9%) | 4 (5.5%) | 0.777 |
| Neonatal defects – n (%) | 7 (0.8%) | 1 (1.4%) | 0.472 |

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|  | Not yet infected  by Covid-19 | Infected by Covid-19 | RR (95% CI) | Between group difference (95% CI) | p value |
|  | N=881 | N=73 |  |  |  |
| Gestational HBP after vaccination – n (%) | 6 (0.7%) | 0 (0.0%) | - | 0.7 [-0.5;1.9] | 1 |
| Gestational diabetes after vaccination – n (%) | 4 (0.5%) | 2 (2.7%) | 6.0 [1.1;32.4] | 2.2 [-2.2;6.8] | 0.071 |
| Gestational at birth – weeks | 38.5 ± 1.5 | 38.7 ± 1.2 | - | 0.2 [-0.08;0.5] | 0.154 |
| Preterm delivery <28 weeks | 3 (0.3%) | 0 (0.0%) | - | 0.3 [-0.4;1.1] | 1 |
| Preterm delivery <34 weeks | 14 (1.6%) | 0 (0.0%) | - | 1.6 [0.0;3.2] | 0.617 |
| Preterm delivery <37 weeks | 57 (6.5%) | 5 (6.8%) | 1.1 [0.4;2.6] | 0.3 [-6.0;6.8] | 0.806 |
| Gestational oligohydramnios – n (%) | 21 (2.4%) | 6 (8.2%) | 3.4 [1.4;8.3] | 5.8 [-1.3;13.0] | 0.013 |
| Gestational polyhydramnios – n (%) | 33 (3.7%) | 4 (5.5%) | 1.5 [0.5;4.0] | 1.8 [-4.3;7.8] | 0.52 |
| Maternal ICU events after vaccination – n (%) | 2 (0.2%) | 0 (0.0%) | - | 0.2 [0;0.2] | 1 |
| Still birth – n (%) | 3 (0.3%) | 0 (0.0%) | - | 0.3 [0;0.3] | 1 |
| Birthweights – grams | 3124.0 ± 417.0 | 3196.6 ± 407.6 | - | 72.6 [-26.3;171.5] | 0.148 |
| Low birthweight – n (%) | 36 (4.1%) | 2 (2.7%) | 0.7 [0.2;2.7] | 1.4 [-3.4;6.1] | 0.762 |
| Heavy birthweight – n (%) | 14 (1.6%) | 2 (2.7%) | 1.7 [0.4;7.4] | 0.9 [-3.4;5.7] | 0.351 |
| Birthweight percentile – percent | 50.0 [25.0;75.0] | 50.0 [25.0;75.0] | - | - | 0.733 |
| Lower than 10th percentile birthweight – n (%) | 43 (4.9%) | 1 (1.4%) | 0.3 [0.04;2.01] | 3.5 [-0.2;7.3] | 0.246 |

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|  | First\_quartile (<29.43 weeks) | Fourth\_quartile (29.43-32.71 weeks) | Second\_quartile (32.71 - 35.43 weeks) | Third\_quartile (>35.43 weeks) | p.overall |
| Maternal age – years | 31.7±4.2 | 31.3±4.9 | 31.2±4.2 | 31.2±4.5 | 0.51 |
| Previous pregnancies – n (%) |  |  |  |  | <0.001 |
| 0 | 132 (56.2%) | 119 (52.0%) | 94 (40.5%) | 88 (36.5%) |  |
| 1 | 56 (23.8%) | 51 (22.3%) | 67 (28.9%) | 74 (30.7%) |  |
| 2 | 36 (15.3%) | 46 (20.1%) | 58 (25.0%) | 64 (26.6%) |  |
| ≥3 | 11 (4.7%) | 13 (5.6%) | 13 (5.6%) | 15 (6.2%) |  |
| Type of pregnancy – n (%) |  |  |  |  | <0.001 |
| Assisted | 43 (18.3%) | 20 (8.7%) | 15 (6.5%) | 15 (6.2%) |  |
| Natural | 192 (81.7%) | 209 (91.3%) | 217 (93.5%) | 226 (93.8%) |  |
| Vaccination status – n (%) |  |  |  |  | <0.001 |
| Fully vaccinated | 112 (47.7%) | 177 (77.3%) | 176 (75.9%) | 200 (83.0%) |  |
| Only 1 dose | 123 (52.3%) | 52 (22.7%) | 56 (24.1%) | 41 (17.0%) |  |
| First dose vaccine – n (%) |  |  |  |  | 0.088 |
| AstraZeneca | 107 (45.5%) | 93 (40.6%) | 109 (47.0%) | 126 (52.3%) |  |
| Pfizer BioNTech | 128 (54.5%) | 136 (59.4%) | 123 (53.0%) | 115 (47.7%) |  |
| Second dose vaccine – n (%) |  |  |  |  | <0.001 |
| AstraZeneca | 31 (27.7%) | 56 (31.6%) | 74 (42.0%) | 100 (50.0%) |  |
| Pfizer BioNTech | 81 (72.3%) | 121 (68.4%) | 102 (58.0%) | 100 (50.0%) |  |
| Gestational HBP before vaccination – n (%) | 1 (0.4%) | 1 (0.4%) | 0 (0.0%) | 1 (0.4%) | 0.904 |
| Gestational diabetes before vaccination – n (%) | 45 (19.1%) | 11 (4.8%) | 32 (13.8%) | 32 (13.3%) | <0.001 |
| Gestational HBP after vaccination – n (%) | 0 (0.0%) | 1 (0.4%) | 1 (0.4%) | 4 (1.7%) | 0.162 |
| Gestational diabetes after vaccination – n (%) | 4 (1.7%) | 0 (0.0%) | 1 (0.4%) | 1 (0.4%) | 0.154 |
| Gestational at birth – weeks | 38.1±2.2 | 38.8±0.8 | 38.5±1.3 | 38.6±1.1 | <0.001 |
| Preterm delivery <28 weeks | 3 (1.3%) | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) | 0.045 |
| Preterm delivery <34 weeks | 11 (4.7%) | 0 (0.0%) | 2 (0.9%) | 1 (0.4%) | <0.001 |
| Preterm delivery <37 weeks | 31 (13.2%) | 3 (1.3%) | 17 (7.3%) | 11 (4.6%) | <0.001 |
| Gestational oligohydramnios – n (%) | 7 (3.0%) | 3 (1.3%) | 8 (3.4%) | 9 (3.8%) | 0.405 |
| Gestational polyhydramnios – n (%) | 6 (2.6%) | 8 (3.5%) | 10 (4.3%) | 13 (5.4%) | 0.434 |
| Maternal ICU events after vaccination – n (%) | 1 (0.4%) | 0 (0.0%) | 1 (0.4%) | 0 (0.0%) | 0.617 |
| Still birth – n (%) | 2 (0.9%) | 0 (0.0%) | 0 (0.0%) | 1 (0.4%) | 0.525 |
| Birthweights – grams | 3094.7±514.8 | 3184.7±331.3 | 3133.7±391.9 | 3107.7±410.2 | 0.098 |
| Low birthweight – n (%) | 16 (6.9%) | 2 (0.9%) | 7 (3.0%) | 13 (5.4%) | 0.006 |
| Heavy birthweight – n (%) | 4 (1.7%) | 5 (2.2%) | 3 (1.3%) | 4 (1.7%) | 0.899 |
| Birthweight percentile – [mean] percent | 50.9±28.5 | 47.0±26.9 | 47.7±28.2 | 44.0±28.9 | 0.069 |
| Birthweight percentile – [median] percent | 50.0 [25.0;75.0] | 50.0 [25.0;75.0] | 50.0 [25.0;75.0] | 50.0 [25.0;75.0] | 0.059 |
| Lower than 10th percentile birthweight – n (%) | 10 (4.3%) | 7 (3.1%) | 8 (3.4%) | 19 (7.9%) | 0.051 |
| Neonatal ICU events – n (%) | 12 (5.1%) | 7 (3.1%) | 9 (3.9%) | 19 (7.9%) | 0.082 |
| Neonatal defects – n (%) | 2 (0.9%) | 2 (0.9%) | 0 (0.0%) | 4 (1.7%) | 0.285 |
| Maternal infected by Covid-19 – n (%) | 24 (10.2%) | 12 (5.2%) | 19 (8.2%) | 18 (7.5%) | 0.253 |