## Supplementary Table 2. Assessment of available evidence: number of included systematic reviews and primary studies for predefined patient characteristics and outcomes of interest.

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| **Outcome of interest** | **Maternal age**  **(3 reviews;**  **4 additional primary studies)** | **Paternal age**  **(2 reviews;**  **no additional primary studies)** | **Maternal weight/BMI**  **(5 reviews;**  **4 additional primary studies** | **Maternal smoking**  **(1 review;**  **no additional primary studies)** |
| Effectiveness: |  |  |  |  |
| * cycle cancellation | 1 review | 1 review | 1 review |  |
| * pregnancy, miscarriage, and live birth | 3 reviews | 2 reviews | 5 reviews | 1 review |
| * multiple pregnancy/birth | 1 review |  | 1 review |  |
| Safety: |  |  |  |  |
| * OHSS | 1 review | 1 review | 2 reviews |  |
| * ectopic pregnancy | 1 review | 1 review | 1 review | 1 review |
| * pregnancy and delivery complications | 3 primary studies |  | 4 primary studies |  |
| * neonatal/infant complications | 2 primary studies |  | 1 primary study |  |
| \*Blanks indicate no reviews or primary studies were found. | | | | |