Supplementary file 2: PRISMA flow diagrams

Figure 1: Flow diagram of search results and study selection for women with pregestational and/or gestational diabetes

Identification of studies via databases and registers

- Records identified from: Databases (n = 179)
- Records screened (n = 179)
- Reports sought for retrieval (n = 11)
- Reports assessed for eligibility (n = 11)
- Studies included in review (n = 3) Reports of included studies (n = 3)

Identification of studies via other methods

- Records identified from: Citation searching (n = 0)
- Records excluded (n = 168)
- Reports not retrieved (n = 0)
- Reports sought for retrieval (n = 0)
- Reports assessed for eligibility (n = 0)
- Reports excluded:
  - No appropriate control group (n = 5)
  - Population not limited to pregnant women with diabetes or prediabetes (n = 1)
  - Wrong population (n = 1)
  - No outcome data on target (n = 1)
Figure 2: Flow diagram of search results and study selection for women undergoing elective Cesarean section in late preterm period

Identification of studies via databases and registers

Records identified from: Databases (n = 211)

Records screened (n = 211)

Reports sought for retrieval (n = 17)

Reports assessed for eligibility (n = 17)

Studies included in review (n = 3)

Records removed before screening:
Duplicate records removed (n = 0)

Records excluded** (n = 194)

Reports not retrieved (n = 0)

Reports excluded:
No appropriate control groups (n = 2)
Population not limited to elective CS or not outcomes reported according to delivery mode (n = 9)
No appropriate study design (n = 3)

Identification of studies via other methods

Records identified from:
Citation searching (n = 0)

Reports sought for retrieval (n = 0)

Reports not retrieved (n = 0)

Reports excluded (n = 0)
Figure 3: Flow diagram of search results and study selection for women with chorioamnionitis (histological or clinical).

Identification of studies via databases and registers

- Records identified from: Databases (n = 418)
  - Records removed before screening: Duplicate records removed (n = 0)

Identification of studies via other methods

- Records identified from: Citation searching (n = 8)
  - Reports sought for retrieval (n = 9)
    - Reports not retrieved (n = 0)
    - Reports excluded: No appropriate control groups (n = 4)
    - Population not limited to women with ongoing bacterial infections (n = 7)
    - Population not limited to women with ongoing bacterial infections and interventions not limited to provision of antenatal corticosteroids (n = 1)

Screening

- Reports sought for retrieval (n = 9)
  - Reports not retrieved (n = 0)

Included

- Reports assessed for eligibility (n = 12)
  - Reports excluded for eligibility (n = 8)
    - Studies included in review (n = 8)
      - Reports of included studies (n = 9)
Figure 4: Flow diagram of search results and study selection for women with growth-restricted fetuses and/or small-for-gestational-age infants

**Identification of studies via databases and registers**

Records identified from: Databases (n = 261)

Records screened (n = 261)

Reports sought for retrieval (n = 36)

Reports assessed for eligibility (n = 36)

Studies included in quantitative synthesis (n = 13)

Reports of included studies (n = 13)

Studies included in quantitative synthesis (n = 18)

Reports of included studies (n = 19)

Records removed before screening:
Duplicate records removed (n = 0)

Records excluded (n = 225)

Reports not retrieved (n = 0)

Reports excluded:
No appropriate control group (n = 8)
Population not limited to growth-restricted (n = 14)
No appropriate study design (n = 1)

Reports excluded due to partial overlap of the study population with another study (n = 1)

**Identification of studies via other methods**

Records identified from: Citation searching (n = 7)

Reports sought for retrieval (n = 7)

Reports not retrieved (n = 0)

Reports assessed for eligibility (n = 7)

Reports excluded (n = 0)