### Supporting Information Figures

#### Supporting Information Figure S1 – Risk of Bias Assessment

| Study                   | D1 | D2 | D3 | D4 | D5 | Overall |
|-------------------------|----|----|----|----|----|---------|
| Altenzar 2004           | x  | x  | +  | x  | +  | x       |
| Bailey 1994             | -  | +  | +  | +  | +  | -       |
| BalilieneB 2018         | +  | +  | +  | x  | +  | +       |
| BalilieneL 2018         | +  | +  | +  | +  | -  | +       |
| Benhamou 2002           | x  | x  | +  | +  | +  | x       |
| Boselli 2003            | +  | +  | -  | +  | +  | +       |
| Cakirca 2013            | -  | -  | x  | -  | x  | x       |
| Castro 2000             | x  | -  | -  | x  | +  | x       |
| Chestnut 1988           | +  | +  | +  | +  | +  | +       |
| COMET 2001              | +  | +  | +  | +  | +  | +       |
| Dahl 1999               | +  | +  | +  | +  | +  | +       |
| El-Shaarawy 2018        | +  | +  | +  | +  | +  | +       |
| Kocoglu 2016            | -  | +  | x  | +  | x  | -       |
| Ewen 1986               | -  | -  | +  | +  | +  | -       |
| Ferrer Gomez 2000       | x  | x  | x  | x  | x  | x       |
| Ginosar 2010            | +  | +  | +  | +  | +  | +       |
| Gogarten 2004           | +  | +  | +  | +  | +  | +       |
| James 1998              | +  | +  | +  | +  | +  | +       |
| Khan 2004               | -  | +  | x  | +  | +  | -       |
| Lee 2002                | +  | +  | +  | +  | +  | +       |
| Lowson 1995             | -  | -  | x  | -  | x  | x       |
| Narayanan 2009          | +  | +  | +  | -  | +  | +       |
| Nobel 1991              | -  | +  | +  | x  | +  | -       |
| Nunes 2016              | x  | x  | x  | -  | x  | x       |
| Paech 1993              | +  | -  | -  | -  | +  | -       |
| Rodriguez 1990          | +  | +  | +  | +  | x  | +       |
| Russell 1996            | -  | +  | +  | +  | +  | +       |
| Sanchez-Pereles 1999    | -  | x  | x  | x  | x  | x       |
| Sanchez-Pereles 1993    | -  | x  | x  | x  | x  | x       |
| Sia 1999                | +  | +  | +  | +  | +  | +       |
| Stoddart 1994           | -  | +  | +  | +  | x  | -       |
| Trojer 2010             | +  | +  | x  | +  | x  | -       |
| Vilaplana 1995          | -  | -  | +  | -  | -  | -       |

**Domains:**
- D1: Bias arising from the randomization process.
- D2: Bias due to deviations from intended intervention.
- D3: Bias due to missing outcome data.
- D4: Bias in measurement of the outcome.
- D5: Bias in selection of the reported result.

**Judgement:**
- Red: High
- Yellow: Some concerns
- Green: Low
Supporting Information Figure S2 – Funnel plots to assess for publication bias. (a) High: Low concentration, (b) High : Ultra-Low concentration, (c) Low : Ultra-low concentration
Supporting Information Figure S3 - Forest plots for Rate of Assisted Vaginal Delivery (a) High : Low concentration, (b) High : Ultra-Low concentration and (c) Low : Ultra-Low concentration

(a) Forest plots for Rate of Assisted Vaginal Delivery (a) High : Low concentration, (b) High : Ultra-Low concentration and (c) Low : Ultra-Low concentration

(b) Forest plots for Rate of Assisted Vaginal Delivery (a) High : Low concentration, (b) High : Ultra-Low concentration and (c) Low : Ultra-Low concentration

(c) Forest plots for Rate of Assisted Vaginal Delivery (a) High : Low concentration, (b) High : Ultra-Low concentration and (c) Low : Ultra-Low concentration