Table D2. Characteristics of studies comparing outcomes for women who were and were not screened for GDM, Key Question 2

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| **Author, year**  **Study Design,**  **Duration of Followup**  **Country** | **Women Enrolled, *n***  **Maternal Age, *mean± SD (yr)***  **BMI, *mean ± SD (kg/ms)*** | **Inclusion/**  **Exclusion Criteria** | **Gestational Age at Screening**  **Screening Test** | **Outcomes**  **Reported**  **Numbers screened vs. not screened, *n (%)*** |
| Chanprapaph, 2004  RCS, Until birth  Thailand | 1,000  Screened: 31.5 ± 5.5  Not screened: 24.0 ± 3.8  Screened:  22.5 ± 3.8  Not screened:  20.9 ± 2.9 | **Inclusion:** Pregnant women attending a single antenatal care center; attendance from Oct 2001 to Dec 2002.  **Exclusion:** NR | First booking;  24 & 28 wks;  30 & 32 wks  **Step 1:** Risk factors + 50 g OGCT; positive ≥ 140 mg/dL after 1 hour  **Step 2:** 100 g OGTT:  1) fasting glucose value 105 mg/dL  2) 1 hr 190 mg/dL  3) 2 hr 165 mg/dL  4) 3 hr 145 mg/dL  -test considered positive if any 2 of non-fasting values greater than normal | **Obstetric complications:**  PROM: 30 (7) vs. 46 (8)  PIH: 21 (5) vs. 7 (1)  GHT: 4 (1) vs. 4 (1)  CHT: 4 (1) vs. 2 (0.3)  PPH: 3 (1) vs. 1 (0.2)  Chorioamnionitis: 0 (0) vs. 1 (0.2)  Polyhydramnios: 1 (0.2) vs. 0 (0)  Total obstetric complications: 65 (16) vs. 63 (11)  **Pregnancy outcomes:**  Preterm delivery: 42 (10) vs. 50 (8)  Birthweight:  >90th percentile: 50 (12) vs. 55 (9)  <10th percentile: 42(10) vs. 58 (10)  Fetal anomalies: 3 (2) vs. 1 (1)  Cesarean section: 81 (20) vs. 71 (12) |
| Solomon, 1996  RCS, Until birth  US | 93  Screened:  30.5  Not screened:  31.1  Screened:  23.0  Not screened:  23.6 | **Inclusion:** Female nurses; 25 to 42 yrs residing in 1 of 14 US states  **Exclusion:** NR | **Gestational Age:** NR  **Step 1:** 1 h 50 g OGCT | **Maternal morbidity:** NR  **Fetal morbidity:**  Macrosomia (7% each group) |

\* BMI = body mass index; CHT = chronic hypertension; dl = deciliter; DM = diabetes mellitus; GA = gestational age; OGCT = oral glucose tolerance test; GDM = gestational diabetes mellitus; GHT = gestational hypertension; mg = milligrams; NR = not reported; OGTT = oral glucose tolerance test; PCS = prospective cohort study; PIH = pregnancy –induced hypertension; PROM = premature rupture of the membrane; RCS = retrospective cohort study; SD = standard deviation; wk = weeks; yr = years