Pre-conception women (at pre-conception health care consultation clinic)

Signed informed consent

Baseline dental examination (at dental clinic); Maternal saliva and blood sample collection

Randomization

**Intervention group:**
- local scaling and root planning (deep cleaning)
- supragingival prophylaxis
- oral hygiene education

**Control group:**
- supragingival prophylaxis
- oral hygiene education

3rd trimester (32-35 weeks):
Final dental examination; Maternal saliva and blood sample collection

Delivery: birth outcome collection, cord blood sample collection

Figure 1 Research flow chart