

# Shanghai Clinical Cohort of Hyperglycemia in Pregnancy

NCT07161947

---

Status	RECRUITING
Sponsor	Shanghai General Hospital, China
Enrollment	4,000 participants

## Key Eligibility Criteria

---

### Inclusion (5)

- Pregnant individuals who provide written informed consent
- At enrollment, meet one of the following:
  - 1. Gestational diabetes mellitus (GDM) diagnosed by a 75-g oral glucose tolerance test (OGTT) using Chinese Diabetes Society (CDS) 2024 thresholds (any one of: fasting plasma glucose  $\geq 5.1$  mmol/L, 1-h  $\geq 10.0$  mmol/L, or 2-h  $\geq 8.5$  mmol/L); or 2. Pre-gestational diabetes (type 1 or type 2) documented prior to pregnancy or meeting diabetes criteria at the first prenatal visit (e.g., fasting  $\geq 7.0$  mmol/L, 2-h OGTT  $\geq 11.1$  mmol/L, or HbA1c  $\geq 6.5\%$ ); or 3. At high risk for GDM, defined a priori as 1 of the following: prior GDM; prior macrosomic infant ( $\geq 4,000$  g); pre-pregnancy BMI  $\geq 24$  kg/m<sup>2</sup>; age  $\geq 45$  years; high-density lipoprotein cholesterol  $< 1$  mmol/L, and/or triglyceride levels  $> 2.8$  mmol/L; first-degree family history of diabetes; polycystic ovary syndrome (PCOS); history of coronary heart disease; chronic hypertension and repeated positive fasting urinary glucose in early pregnancy
- Age  $\geq 18$  years at the time of consent
- Willing and able to attend postpartum assessments (OGTT at 6 weeks, 12 months, and annually thereafter), with planned follow-up  $\geq 3$  years

### Exclusion (3)

- Current or history of illicit drug use or substance abuse
- Presence of an active infectious disease, including but not limited to: viral hepatitis, sexually transmitted infections or tuberculosis
- Any other condition which, in the judgment of the investigator, would make the subject unsuitable for enrollment in the study

## Locations (1 total)

---

Shanghai General Hospital, China, Shanghai, Shanghai Municipality, China