

Effects of Vitamin D and Prebiotic Supplementation on Glucose Control During Pregnancy

NCT06553729

Status	RECRUITING
Phase	Not Applicable
Sponsor	Huazhong University of Science and Technology
Enrollment	500 participants

Key Eligibility Criteria

Inclusion (8)

- weeks of gestation.
- Age 18-45 years old.
- Permanent resident or resident locally at least one year.
- GDM high-risk pregnant women (meeting any of the following criteria):
- Pre-pregnancy body mass index (BMI) ≥ 24.0 kg/m²,
- ... and 3 more (see full listing online)

Exclusion (13)

- Multiple pregnancy.
- Have received infertility treatment such as in vitro fertilization or intrauterine insemination.
- History of diabetes or current diagnosis of diabetes (including type 1 and type 2 diabetes) or abnormal glucose tolerance at recruitment (fasting blood glucose > 7.0 mmol/L or HbA1c $\geq 6.5\%$).
- Serious chronic diseases (including cardiovascular and cerebrovascular diseases, cancer, and thyroid dysfunction) or infectious diseases (including hepatitis B, active tuberculosis, acquired immunodeficiency syndrome, and syphilis).
- Severe liver disease (such as cirrhosis) or severe kidney disease (such as renal failure or requiring dialysis).
- ... and 8 more (see full listing online)

Locations (2 total)

Central People's Hospital of Zhanjiang, Zhanjiang, Guangdong, China
Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hubei, China