

# Study of Clostridioides Difficile in Infants

NCT06788769

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**Status** RECRUITING  
**Sponsor** Westlake University  
**Enrollment** 300 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Age Range: Infants aged 0 to 2 years (inclusive) at the time of sample collection or medical record documentation.
  - Data Availability: Complete medical records or available stool samples within the study's retrospective time frame.
  - Group-Specific Criteria:
  - CDI Patients: Documented diarrhea or related gastrointestinal symptoms, with laboratory-confirmed *C. difficile* by PCR or culture.
  - Asymptomatic Carriers: Positive *C. difficile* test (PCR or culture) in the absence of diarrhea or other clinical CDI symptoms.
- ... and 2 more (see full listing online)

### Exclusion (3)

- Incomplete Data: Infants whose medical records lack sufficient information to confirm their CDI status or those without adequate stool sample results.
- Ambiguous Diagnosis: Patients presenting with other infectious diseases or conditions that could not rule out alternative diagnoses for diarrhea (e.g., confirmed concurrent viral or parasitic infections) without conclusive *C. difficile* testing.
- Severe Comorbidities: Infants with life-threatening congenital conditions (e.g., severe immunodeficiency syndromes) if these conditions significantly alter the gut microbiota or confound CDI diagnosis.

## Locations (1 total)

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Hangzhou First People's Hospital, Hangzhou, Zhejiang, China