

DIEP Flap Breast Reconstruction: Perioperative Biomarkers and Outcomes

NCT07263347

Status	RECRUITING
Sponsor	Hubei Cancer Hospital
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (3)

- Female, 18-70 years old.
- Clinically diagnosed with breast cancer and scheduled for immediate DIEP free-flap breast reconstruction after mastectomy.
- Conscious and able to understand and voluntarily sign written informed consent.

Exclusion (5)

- Severe cardiac, hepatic, or renal dysfunction or severe coagulopathy (e.g., NYHA class III-IV, Child-Pugh class C, eGFR <30 mL/min/1.73 m²).
- Preoperative active infection, autoimmune disease, or long-term use of immunosuppressants/anti-inflammatory drugs (e.g., corticosteroids).
- Pregnant or breastfeeding.
- Prior ipsilateral breast surgery or radiotherapy that may affect local blood circulation assessment.
- Any condition deemed unsuitable by the investigator (e.g., poor compliance).

Locations (1 total)

Hubei Cancer Hospital, Wuhan, Hubei, China