

Clinical Application of Wearable Ultrasound Sensors

NCT07009873

Status RECRUITING
Sponsor Chinese PLA General Hospital
Enrollment 300 participants

Key Eligibility Criteria

Inclusion (7)

- Age ≥ 18 yrs and able to consent
- Relevant diagnosis for study arm (heart failure, lower-limb DVT, or ICU monitoring)
- Adequate acoustic window and intact skin at sensor site
- Arm-specific:
 - Heart-failure arm: Clinically stable HFrEF or HFpEF on standard therapy
- ... and 2 more (see full listing online)

Exclusion (7)

- Poor acoustic window preventing interpretable images
- Local skin infection, open wound, or implant/hardware blocking sensor
- Inability to cooperate with monitoring
- Arm-specific:
 - Heart-failure arm: Acute MI or uncontrolled arrhythmia in past 3 months
- ... and 2 more (see full listing online)

Locations (1 total)

Chinese PLA General Hospital, Beijing, Beijing Municipality, China