

# The High-fidelity Hydraulic coupling Upper-arm Cuff Assessment of Limits, Safety, and Effectiveness (HIPULSE) Trial (Cardiac Output Study)

NCT06895603

---

**Status** RECRUITING  
**Sponsor** Philips Clinical & Medical Affairs Global  
**Enrollment** 75 participants

## Key Eligibility Criteria

---

### Inclusion (4)

- Adults aged 18 years and older
- Indication for PAC (Swan-Ganz)
- Indication for radial arterial line
- Subject or legal authorized representative is able to understand and speak the local language (also Spanish is also accepted for US sites) to provide voluntary written informed consent prior to study procedures

### Exclusion (10)

- Emergency surgery
  - ICU or surgical positioning where both arms are tucked
  - Inability to place the Philips AMC appropriately due to subject anatomy or condition
  - Known pregnancy or lactating women (self-report)
  - Patients treated with an intra-aortic balloon pump
- ... and 5 more (see full listing online)

## Locations (2 total)

---

UVA Health, Charlottesville, Virginia, United States  
Universitätsklinikum Hamburg Eppendorf, Hamburg, Hamburg, Germany