

# Reliability of Minimally Trained Operator's Velocity-Time Integral Measurement Guided by Artificial Intelligence VTI

NCT06486467

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<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Assistance Publique - Hôpitaux de Paris
<b>Enrollment</b>	100 participants

## Key Eligibility Criteria

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### Inclusion (7)

- All patients aged 18 and more
- Hospitalized in ICU, in whom fluid administration is considered necessary by the clinician in charge, based on the presence of hypoperfusion criterion:
- $\gt 10\%$  decrease in mean arterial pressure with respect to baseline value
- Skin mottling, oliguria ( $\lt 0,5$  ml/kg/h)
- change in the level of consciousness
- ... and 2 more (see full listing online)

### Exclusion (1)

- Patients with atrial fibrillation, due to the higher variability in LVOT VTI; Patient on Emergency Medical Assistance; Patient under guardianship, curatorship, deprived of liberty.

## Locations (3 total)

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CHU de Limoges, Limoges, France  
Hôpital Lariboisière - APHP, Paris, France  
Hôpital européen Georges Pompidou - APHP, Paris, France