

# 'Thrombectomy in High-Risk Pulmonary Embolism - Device Versus Thrombolysis Netherlands': TORPEDO-NL

NCT06833827

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Leiden University Medical Center
Enrollment	111 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Adult patients with confirmed acute PE, i.e. contrast filling defect in a lobar or more proximal pulmonary artery on computed tomography pulmonary angiography (CTPA), and/or obstructive shock with echocardiographic confirmed dilatation of the right ventricle and a congested vena cava inferior, both with/without echocardiographic signs of clot in transit or deep vein thrombosis of the leg.
- High risk for mortality, i.e.
- post cardiac arrest (after temporary need for cardiopulmonary resuscitation), OR
- obstructive shock (systolic blood pressure  $\leq 90$  mmHg and signs of end-organ hypoperfusion (e.g. elevated lactate levels  $\geq 2$  mmol/l) or the need for vasopressors (adrenalin or noradrenalin) to maintain an adequate blood pressure), OR
- persistent hypotension (systolic blood pressure  $\leq 90$  mmHg or systolic blood pressure drop  $\geq 40$  mmHg for at least 15 minutes) not caused by new onset arrhythmia, hypovolemia, or sepsis, OR

... and 2 more (see full listing online)

### Exclusion (20)

- "Catastrophic PE", i.e. ongoing cardiac arrest and/or need for extracorporeal cardiopulmonary resuscitation (ECPR) and/or immediate indication for venoarterial extracorporeal membrane oxygenation (VA-ECMO) as judged by the responsible physician(s)
- Glasgow Coma Scale  $\leq 8$  following resuscitation for cardiac arrest
- Alternative diagnosis than acute PE contributing largely to the acute hemodynamic and/or respiratory failure, e.g. sepsis, COPD GOLD 3 or 4, or known heart failure with NYHA Functional Classification of 4, as judged by the treating physician.
- A known "do not admit to the ICU" or "do not resuscitate" directive
- An absolute contraindication to systemic thrombolysis, i.e.

... and 15 more (see full listing online)

## Locations (1 total)

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Leiden University Medical Centre, Leiden, South Holland, Netherlands

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<https://clinicaltrials.gov/study/NCT06833827>

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