

Evaluation of the Standard Catheter-directed Thrombolysis Effectiveness in Intermediate-High-Risk Pulmonary Embolism Patients

NCT06487052

Status	RECRUITING
Phase	Not Applicable
Sponsor	Federal State Budgetary Institution, V. A. Almazov Federal North-West Medical Research Centre, of the Ministry of Health
Enrollment	100 participants

Key Eligibility Criteria

Inclusion (4)

- Age \geq 18 years
- Computed tomography angiography (CTA) - verified proximal (pulmonary trunk and/or main and/or lobar branches of the pulmonary artery) PE and symptom onset \leq 14 days prior
- Intermediate-high risk PE with a RV dysfunction (RV/LV diameter ratio \geq 1 on TTE or CTA) and an elevated biomarker (hs-troponin or NT-proBNP) level
- Signed informed consent

Exclusion (7)

- High-risk pulmonary embolism
- Thrombus in the heart chambers on TTE
- Absolute contraindications for the use of thrombolytic therapy: history of hemorrhagic stroke or stroke of unknown etiology; ischemic stroke or transient ischemic attack within the last 6 months; extensive bleeding currently or within the previous 6 months, hemorrhagic diathesis; diseases of the central nervous system (including neoplasms, aneurysm, surgery on the brain or spinal cord); intracranial (including subarachnoid) hemorrhage currently or in history, suspicion of hemorrhagic stroke; severe uncontrolled arterial hypertension; major surgery or major trauma within the previous 3 months, recent traumatic brain injury; labor during the previous 10 days; severe liver diseases, including liver failure, cirrhosis, portal hypertension (including esophageal varices) and active hepatitis; bacterial endocarditis, pericarditis; acute pancreatitis; confirmed peptic ulcer of the stomach or duodenum within the last 3 months; arterial aneurysms, congenital anomalies of arteries/veins;
- Haemoglobin level \leq 70 g/L, platelet count \leq 100 x 10⁹
- Allergic to alteplase or UFH or contrast allergy
- ... and 2 more (see full listing online)

Locations (1 total)

Almazov National Medical Research Centre, Saint Petersburg, Russia

<https://clinicaltrials.gov/study/NCT06487052>

DISCLAIMER: This document is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at [ClinicalTrials.gov](https://clinicaltrials.gov). Generated by [ClinicalTrialsFinder.org](https://clinicaltrialsfinder.org).