

SCOPE STATEMENT FOR HERC COVERAGE GUIDANCE

ULTRASOUND-ENHANCED CATHETER DIRECTED THROMBOLYSIS FOR DEEP VEIN THROMBOSIS

Population description	Adults or children with deep venous thrombosis <i>Population scoping notes: None</i>
Intervention(s)	Ultrasound-enhanced catheter-directed thrombolysis <i>Intervention exclusions: None</i>
Comparator(s)	Catheter-directed thrombolysis, systemic thrombolysis, mechanical thrombectomy, pharmacomechanical thrombectomy, anticoagulation (heparin, low-molecular weight heparin, novel oral anticoagulants, warfarin)
Outcome(s) (up to five)	Critical: Mortality, major bleeding Important: Post-thrombotic syndrome, non-fatal pulmonary embolism, hospitalization/length of stay <i>Considered but not selected for GRADE Table: Total dose of thrombolytics, resolution of thrombus, long-term vessel patency, time to recanalization, recurrent DVT</i>
Key questions	<ol style="list-style-type: none">1. What is the comparative effectiveness of ultrasound-enhanced catheter-directed thrombolysis?2. Does the comparative effectiveness of ultrasound-enhanced catheter-directed thrombolysis vary by:<ol style="list-style-type: none">a. Location of thrombosisb. Duration of thrombosisc. Previous treatmentsd. Presence of pulmonary embolism3. What are the harms of ultrasound-enhanced catheter-directed thrombolysis?