

Special Issue

Pulmonary Embolism: The Era of Catheter-Directed Treatment

Message from the Guest Editors

Catheter-directed treatments (CDTs) consist of a series of catheter-based techniques used to obtain pulmonary vessel reperfusion in acute pulmonary embolism (PE). According to international guidelines, CDTs should be the considered as a first-line treatment in high-risk PE patients in whom systemic thrombolysis (ST) is contraindicated or has failed, and as bailout in case of hemodynamic decompensation in anticoagulant therapy in intermediate–high-risk patients. In this scenario, there is a growing clinical and scientific interest in CDTs because they could tackle some unresolved issues targeting the treatment of pulmonary arteries and avoiding the dreaded complication of ST.

Several areas in this field need to be further assessed, including the definition of treatment failure or the long-term effect of CDTs.

The aim of this Special Issue is to gather evidence regarding the currently available CDT approaches in PE patients, patient selection, and the timing and techniques of the procedure.

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