

Emergent mechanical thrombectomy for right atrial clot and massive pulmonary embolism using FlowTrieve.

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Abstract

The association of right heart thrombus (RiHT) and massive pulmonary embolism (PE) has an incidence of 4-18%. It is a life-threatening condition that requires emergent diagnosis and treatment with reported fatal outcomes up to 21% in 14 days. Endovascular mechanical thrombectomy of right heart clot has been described focused on the use of AngioVac (AngioDynamics, Latham, NY, USA), however, a recent report supported the safety of image guided FlowTrieve(Inari Medical Inc., Irvine, CA, USA). Our case report describes the use of FlowTrieve device as a unique modality to treat clot in transit and massive PE when thrombolysis is contraindicated.

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