



TITLE: CATHETER DIRECTED PULMONARY ARTERY THROMBOLYSIS IN A COVID-19 POSITIVE PATIENT WITH MASSIVE PULMONARY EMBOLISM- CASE MANAGEMENT AND ENDOVASCULAR SUITE WORKFLOW IN A PANDEMIC

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ABSTRACT (up to 300 words)

Thromboembolic complications are common amongst cases of COVID-19 infections. This occurrence has seen a key role of endovascular treatment in the management of this potentially fatal complication. Endovascular thrombectomy or catheter directed thrombolysis is a fast and effective method for treatment of pulmonary embolisms, especially in a pandemic. However, there are several challenges that are encountered when performing endovascular treatment in a highly infective patient. We describe a case of COVID-19 complicated with massive pulmonary embolism treated with catheter directed thrombolysis- discussing case management, patient workflow and safety measures that should be strictly adhered to ensure a favorable outcome and ensure safety of treating personnel.

BIOGRAPHY (up to 200 words)

Arvin Rajadurai completed his Fellowship in Interventional Radiology at the age of 38 years from Ministry of Health, Malaysia. He is a Consultant Neuro and Peripheral Interventional Radiologist in the Ministry of Health for the past 5 years. He has several publications mostly in the field of Interventional Radiology.

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