Continuing Medical Education
Yale CME

Pulmonary, Critical Care and Sleep Medicine Grand Rounds
Presented by: Department of Internal Medicine, Section of Pulmonary, Critical Care and Sleep Medicine

Diagnosis and Treatment of Pulmonary Thromboembolism – Recent Advances

02/02/2022 3:00 PM – 4:00 PM EST | Online

Pulmonary embolism (PE) is one of the leading causes of morbidity and mortality in the United States. The incidence of PE continues to increase and the treatment of PE is rapidly evolving. Pulmonary embolism response teams (PERTs) were created to help improve outcomes in patients with PE and have been associated with improved mortality. There is significant variation between different PERT centers and not all hospitals have access to a PERT. Yale has created a PERT made of multiple specialties (including the pulmonary critical care and sleep section), with dedicated treatment pathways to help improve care for patients with PE. Artificial intelligence (AI) is a new tool that can be used for the management of PE to help decrease time to detection of PE and decrease time to activation of a PERT; Yale's PERT has recently started using AI to assist the PERTs. Retrospective review of data across the Yale New Haven Health System has revealed that a significant number of patients with PE are not evaluated by a PERT and that the use of AI can help improve this.

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Host: Mark D Siegel, MD

Program Goal:

1. Review the role and benefits of Pulmonary Embolism Response Teams (PERTs)
2. Review advanced therapies and approach to intermediate-risk pulmonary embolism
3. Review the role of artificial intelligence in the treatment of acute pulmonary embolism

Target Audience: Critical Care Medicine, Sleep Medicine, Pulmonology Medicine

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