

PUBLIC HEALTH WEBINAR SERIES ON BLOOD DISORDERS

BRINGING SCIENCE INTO PRACTICE

The Division of Blood Disorders is proud to offer this webinar series, providing evidence based information on new research, emerging issues of interest in blood disorders, as well as innovative approaches to collaboration.

MULTIDISCIPLINARY CARE FOR ACUTE PULMONARY EMBOLISM: THE PULMONARY EMBOLISM RESPONSE TEAM

MARCH 11, 2021 • 2:00–3:00 PM ET



Rachel P. Rosovsky, MD, MPH

Director, Thrombosis Research, Division of Hematology,
Massachusetts General Hospital

Assistant Professor of Medicine, Harvard Medical School
Boston, Massachusetts

Pulmonary embolism (PE) is a major cause of morbidity and mortality in the United States, accounting for up to 100,000 deaths annually. Although there has been a surge of new therapeutic tools and strategies designed to treat patients with PE, the outcomes for patients who present with massive or high-risk PE remain dismal. Additionally, there is a lack of robust evidence investigating or comparing each strategy as well as current standardized guidelines in the treatment of acute PE. Consequently, treatment decisions are often based on expert opinion, which can be inconsistent and variable.

This webinar is free and open to public health professionals, clinicians, and researchers who desire more information about pulmonary embolism. Advance registration is required, and the number of attendees is limited.

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**For more information please contact
Cynthia Sayers:** cay1@cdc.gov

To address this crisis, multidisciplinary rapid response teams focused on PE have developed across the world. These pulmonary embolism response teams (PERTs) aim to expeditiously engage multiple experts simultaneously to generate and implement a thoughtful, coordinated, and comprehensive treatment plan for each patient with PE. The organization and structure of each PERT will depend on the local clinical demands and resources of each institution. Creating a follow-up clinic for patients with PE after discharge from the hospital is an essential component of any PERT program. In 2015, PERT programs came together to form the PERT Consortium, an international nonprofit organization whose goal is to guide and influence PE care. Specifically, the PERT Consortium is a venue through which these teams can collect data that can help inform treatment decisions, influence guidelines and algorithms, guide hospital policy, and shape future research in PE care.

In this webinar, Dr. Rosovsky will discuss the PERT model and purpose, present the structure and organization, examine the available evidence for efficacy and usefulness, and share the mission of the PERT Consortium. She will also discuss future directions for research that will help evaluate the value of this innovative model and determine if this collaborative approach improves PE outcomes, improves clinical care, is cost effective, enriches patients' quality of life, and advances the science of PE treatment.

LEARNING OBJECTIVES:

1. Identify the need for Pulmonary Embolism Response Teams (PERTs).
2. Describe how PERTs immediately and simultaneously engage multiple specialists to determine the best course of action and coordinate the clinical care for patients with acute PE.
3. Describe the role of the PERT Consortium.