# SAVE — PUBLIC HEALTH WEBINAR SERIES — DATE ON BLOOD DISORDERS

The Division of Blood Disorders is proud to offer its "Public Health Webinar Series on Blood Disorders." This webinar series provides evidence-based information on new research, interventions, emerging issues of interest in blood disorders, as well as innovative approaches in collaborations and partnerships.

#### TOPIC: \_

## Prevention of Venous Thromboembolism:

The Johns Hopkins Collaborative Experience

#### GUEST PRESENTER:



### Michael B. Streiff MD, FACP

Associate Professor of Medicine and Pathology Associate Faculty, Armstrong Institute for Patient Safety and Quality Medical Director, Johns Hopkins Anticoagulation Management Service and Outpatient Clinics Medical Director, Special Coagulation Laboratory Senior Consultant, Johns Hopkins Comprehensive Hemophilia Treatment Center Johns Hopkins Medical Institutions, Baltimore, Maryland

Venous thromboembolism (VTE) is an important public health issue and a significant cause of illness and death. VTE results in nearly 100,000 premature deaths in the United States annually with healthcare costs as high as \$10 billion. Effective VTE prophylaxis or prevention practices, such as the use of mechanical compression devices or anticoagulant medications, can reduce the risk of VTE by 60%.

Improving VTE prevention has been the focus of many performance improvement initiatives. The Johns Hopkins Hospital examined its performance in VTE prevention in 2005. To improve VTE prevention performance, the Johns Hopkins Venous Thromboembolism Collaborative was formed with support from the Center for Patient Safety and Quality Care and hospital leadership.

#### Effective VTE prevention requires the following:

- Prescription of risk-appropriate VTE prophylaxis by the provider.
- Delivery of prophylaxis by the nurse.
- Acceptance of prophylaxis by the patient.

The Johns Hopkins VTE Collaborative investigated strategies to improve every step in this process. To improve performance in ordering risk-appropriate prophylaxis, the VTE Collaborative developed evidence-based clinical decision support order sets. These clinical decision support tools guide providers in the ordering process for VTE prophylaxis. The order sets are specialty-specific, mandatory, and risk-appropriate, and allow for monitoring and guidance of prevention practice improvement.

#### In this webinar, Dr. Streiff will discuss the following:

- The Johns Hopkins experience in VTE prevention.
- Observed barriers and practical solutions for implementing quality improvement.
- The needs and future directions for VTE prevention.

The lessons learned from this VTE Collaborative can be readily applied to any patient safety or quality improvement project.

National Center on Birth Defects and Developmental Disabilities Division of Blood Disorders

#### W H E N : \_

## **March16<sup>TH</sup>,2017** 2:00-3:00PM ET

#### LEARNING OBJECTIVES: \_

- 1. List three strategies for VTE prevention.
- 2. Describe the development and implementation of electronic order sets and their impact on improving VTE prevention performance.
- 3. Describe strategies to improve provider performance for VTE prevention.

#### REGISTER: -

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

#### PLEASE PREREGISTER HERE: http://bit.ly/2jBG4SG

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

