

# 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 in collaboration.

## Perioperative Venous Thromboembolism:

RISK ASSESSMENT AND RISK-STRATIFIED PROPHYLAXIS FOR SURGICAL PATIENTS

MARCH 15, 2018 • 2:00–3:00PM ET



### Michael Cassidy, MD

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Venous thromboembolism (VTE) is considered a preventable cause of morbidity and mortality following surgery. VTE, which includes deep venous thromboses (DVT) and pulmonary emboli (PE), may cause sudden death or long-term sequelae. Patients are at risk for VTE events after surgery due to the associated inflammatory state, endothelial vascular injury, and venous stasis. A variety of other predisposing factors have been identified, each conferring differing degrees of VTE risk. Awareness of these risk factors permits the calculation of a numeric VTE risk score. One method for risk stratification is the Caprini risk assessment.

Prophylaxis for VTE events has been well studied, and current guidelines suggest consideration of both mechanical and pharmacologic prophylaxis. Currently accepted recommendations for prophylaxis are based primarily on the type of surgery with less emphasis placed on individual risk assessment. A more effective prevention strategy may be the use of formal risk calculation, stratification, and risk-based prophylaxis for every surgical patient. In this webinar, Dr. Cassidy will discuss what is

known about risk factors, risk assessment, and perioperative VTE prophylaxis, including extended postoperative prophylaxis. Finally, he will share the outcomes of a standardized program of risk stratification and risk-based VTE prophylaxis regimens.

#### LEARNING OBJECTIVES:

1. List the known risk factors for VTE in postoperative patients.
2. Calculate a numeric VTE risk score based on recognized risk factors.
3. Describe a standardized program of risk stratification and risk-based VTE prophylaxis regimens.

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.

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For more information please contact

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