



ESSENTIALS OF TRANSFUSION MEDICINE WEBINAR SERIES

Block 4: Hemostasis

April 21, 2021 3-4:30 EST (2-3:30 CST)

1.5 Contact Hours

Overview of Coagulation and Coagulation Testing

Richard Francis, MD, PhD Director of Special Hematology and Coagulation Laboratory, New York Presbyterian Hospital – Columbia University Medical Center



Objectives:

1. Explain clot initiation and propagation.
2. Discuss the mechanism of action of natural anticoagulants.
3. Describe the important element so fibrinolysis.
4. Describe testing for disorders of primary hemostasis.
5. Describe testing for disorders of secondary hemostasis.
6. Discuss the limitations of coagulation testing,

Level of Instruction: Intermediate

April 28, 2021 3-4:30 EST (2-3:30 CST)

1.5 Contact Hours

Inherited Bleeding Disorders: Focus on Hemophilia

Catherine McGuinn, MD Associate Professor of Pediatrics, Weill Cornell Medicine



Objectives:

1. Describe the clinical and laboratory diagnosis of Hemophilia.
2. Discuss factor replacement therapy for Hemophilia.
3. Explain the integration of novel nonfactor therapy into clinical care.

Level of Instruction: Intermediate

Acquired Bleeding Disorders

William Beau Mitchell, MD Associate Professor Pediatrics, the Childrens' Hospital Montefiore, Director of Hemostasis and Thrombosis



Objectives:

1. Describe at least three acquired bleeding disorders.
2. Describe, in general, first line therapies for those acquired bleeding disorders.
3. Describe the outcomes of patients with those acquired bleeding disorders.

Level of Instruction: Intermediate

May 5, 2021 3-4:30 EST (2-3:30 CST)

1.5 Contact Hours

Platelet Disorders



William Beau Mitchell, MD Associate Professor Pediatrics, the Children's Hospital Montefiore, Director of Hemostasis and Thrombosis

Objectives:

1. Describe at least three modalities to assess platelets.
2. Categorize platelet disorders by morphology.
3. Describe the bleeding characteristics of patients with platelet disorders.

Level of Instruction: Intermediate

Reversal of Anticoagulants and Anti-Platelet Agents



Jed Gorlin, MD, MBA VP & Medical Director, Innovative Blood Resources

Objectives:

1. Describe the role and function of direct oral anticoagulants.
2. Discuss laboratory tests, including thrombin time and calibrated anti-Xa assays.
3. Discuss the costs of various licensed and unlicensed reversal agents.

Level of Instruction: Intermediate

May 12, 2021 3-4:30 EST (2-3:30 CST)

1.5 Contact Hours

Massive Transfusion and Whole Blood



Jed Gorlin, MD, MBA VP & Medical Director, Innovative Blood Resources

Objectives:

1. Discuss the importance of having and practicing massive transfusion protocols (MTPs).
2. Discuss controversies about ratios of RBC to Plasma in MTPs.
3. Discuss the pros & cons of using whole blood and the varieties of specifications.

Level of Instruction: Intermediate



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