



Essentials: Block 4 - Transfusion Support | 2024

November 19, 2024, 1-2:30 ET (12-1:30 CT)

1.5 Contact Hours



Clinical Use of Blood and Blood Components

Claudia Cohn, MD, PhD, Professor, Laboratory Medicine and Pathology at University of Minnesota;
Chief Medical Officer of AABB

Objectives

1. Discuss the risks and benefits of each blood component.
2. Discuss the evidence for appropriate clinical use of these components.
3. Discuss alternative versions of components that are useful for some clinical scenarios.

Level of Instruction

Intermediate



Patient Blood Management

Zhan (Johnny) Ye, MD, PhD, Transfusion Service Section Director, University of Kansas Health System, Medical
Director, NYBCe at Community Blood Center

Objectives

1. Describe the concept of patient blood management and how to implement a PBM program.
2. Discuss transfusion triggers and how they were determined.
3. Explain pre-operative and peri-operative blood management.

Level of Instruction

Intermediate

November 26, 2024, 1-2:30 ET (12-1:30 CT)

1.5 Contact Hours



Transfusion Reactions

Bruce Sachais, MD, PhD, Vice President and Chief Medical Officer, New York Blood Center
Enterprises

Objectives

1. Describe what is meant by transfusion reaction.
2. Recognize the signs and symptoms of transfusion reactions.
3. Classify and manage common transfusion reactions.

Level of Instruction

Basic

For more information, including a link to register, visit: nybce.org/webinar



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Hemolytic Disease of the Fetus and Newborn

Lejla Music-Aplenc, MD, Medical Director of Transfusion Laboratory and Apheresis Services, Children's Mercy, Kansas City Missouri

Objectives

1. Discuss pathophysiology, incidence and commonly implicated antibodies.
2. Discuss maternal alloimmunization, diagnosis and monitoring.
3. Discuss fetal, maternal and neonatal treatment.

Level of Instruction

Intermediate

December 3, 2024, 1-2:30 ET (12-1:30 CT)

1.5 Contact Hours



Strategies for Identifying HLA Compatible Platelets

Taba Kheradmand, PhD, F(ACHI), Director, HLA Laboratory, New York Blood Center

Objectives

1. Describe HLA-associated platelet refractoriness.
2. Discuss HLA testing and methodologies.
3. Explain strategies for identifying HLA compatible platelets.

Level of Instruction

Basic



Platelets for the Refractory: Climbing the Pyramid

Eric Senaldi, MD, Deputy Chief Medical Officer, Enterprise Chief Medical Officer, New York Blood Center Enterprises

Objectives

1. Discuss the pathophysiology and prevention of platelet refractoriness.
2. Describe methods to select appropriate products for platelet refractoriness.
3. List options for when appropriate products don't provide adequate response.

Level of Instruction

Intermediate

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