



Essentials: Block 1 - Blood Center Issues and Blood Products | 2025

March 11, 2025, 1-2 ET (12-1 CT)

1.0 Contact Hour



Cold Stored Platelets

Nicole Dodge Zantek, MD, PhD, Associate Professor, University of Minnesota

Objectives

1. Describe how platelets are manufactured and stored.
2. Discuss the impact of storage temperature (cold versus room temperature) on platelet function.
3. Review clinical study data investigating the efficacy of cold stored versus room temperature stored platelets for transfusion.

Level of Instruction

Advanced

March 18, 2025, 1-2 ET (12-1 CT)

1.0 Contact Hour



Quarantine, Recall, and Market Withdrawal of Blood Products

Margaret Hannan, BS, MSM/OL, CQA(ASCP), Director, Quality and Regulatory Compliance, NYBCE at Blood Bank of Delmarva

Objectives

1. Discuss the reasons a distributed blood product may need to be quarantined or returned.
2. Articulate the difference between the recall and market withdrawal of blood products.
3. Correlate the impact of quarantined or recalled blood products on patient recipients.

Level of Instruction

Intermediate

March 25, 2025, 1-2 ET (12-1 CT)

1.0 Contact Hour



Back to the Future for MTPs. Am I Back in the 60s?!!

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

Objectives

1. Describe emergency preparedness planning at a blood center.
2. Discuss packed red blood cell and plasma transfusion considerations in massive transfusion events.
3. Discuss the use of "novel" products such as whole blood and cold stored platelets in massive transfusion.

Level of Instruction

Intermediate



Blood Transfusions Myths and Realities

Brian Engel, MD, PhD, Medical Director, NYBCE at Innovative Blood Resources

Objectives

1. Discuss the safety of additive solutions for neonatal transfusions.
2. Compare transfusion of CMV-negative versus CMV-unscreened donor units in the era of leukoreduction.
3. Determine if there are risks or benefits to transfusion of "old" versus "fresh" donor units.

Level of Instruction

Intermediate

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



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