



Beyond Essentials: Block 4 - Miscellaneous Topics in Transfusion Medicine | 2024

May 21, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



The Critical Role of Flow Cytometry in Cellular Therapies

Peter Lopez, Vice President, Technical Operations and Innovation, New York Blood Center

Objectives

1. Discuss the history and key features of flow cytometry.
2. Describe the utility of flow cytometry in cellular therapeutics.
3. Explain how new developments in flow cytometry might impact the cell therapeutics.

Level of Instruction

Intermediate

May 28, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



Update on Gene Therapy in Sickle Cell Disease

Patricia Shi, MD, Vice President and Medical Director, New York Blood Center

Objectives

1. Assess the risks and benefits of gene therapy, with comparison to allogeneic transplant.
2. Describe the major molecular approaches used to achieve gene therapy for sickle cell disease.
3. Discuss ongoing clinical trials in gene therapy for sickle cell disease.

Level of Instruction

Advanced

June 4, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



Apheresis for Solid Organ Transplant Rejection

Sarah Vossoughi, MD, RN, Vice President of Medical Affairs & Enterprise Medical Director, New York Blood Center Enterprises

Objectives

1. Discuss the concept of target removal in apheresis.
2. Identify targets and apheresis goals for transplant patients.
3. Describe apheresis utility and methods in solid organ transplant rejection.

Level of Instruction

Intermediate

June 11, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



Malaria and Babesiosis: Implications for Transfusion

Cheryl Lobo, PhD, Member and Head, Blood-Borne Parasites, Lindsley F. Kimball Research Institute, New York Blood Center

Objectives

1. Discuss the transfusion-relevant epidemiology and clinical features of malaria and human babesiosis.
2. Discuss donor screening and prevention strategies for Transfusion Transmitted Babesiosis (TTB) and Transfusion Transmitted Malaria (TTM).
3. Discuss current FDA-cleared donor screening assays for TTB and potential implementation of similar platform for TTM.

Level of Instruction

Basic

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



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