Patients First: Navigating Asparaginase-Based Treatment in Young Adults With ALL

Program Overview

Are you up to date on treatment strategies for young adults with acute lymphoblastic leukemia (ALL)? Evolving evidence and clinical guidelines now strongly support the use of asparaginase-based, pediatric-inspired regimens over traditional adult protocols for young adults with ALL. However, many patients continue to be treated with adult protocols that lack asparaginase and are associated with poorer outcomes. In this dynamic, case-based activity, celebrity advocates Rob Benedict and Abbie Cobb, leading leukemia experts, and real people who have been treated for ALL explore practical foundations for successful asparaginase therapy. Leveraging new consensus recommendations, faculty experts explain how to select and when to switch asparaginase formulations, how to monitor serum asparaginase activity, and strategies to mitigate key toxicities while avoiding early asparaginase discontinuation that can compromise survival. Real-world stories from young adults who have been treated for ALL highlight the stakes of getting this right and the challenges of access, adherence, and comprehensive care that clinicians can address in everyday practice.

Learning Goal/Purpose

The goal of this educational activity is to enhance the knowledge, competence, and confidence that hematology/oncology healthcare providers need to achieve better outcomes for young adults with ALL through more consistent application of pediatric-inspired regimens, optimized asparaginase use, and patient-centered care.

Target Audience

Hematologists/oncologists who care for young adults with ALL

Learning Objectives

- Evaluate the latest evidence on the efficacy and safety profiles of pediatric-inspired asparaginase-based ALL treatment protocols for the young adult population
- Employ appropriate monitoring of asparaginase-based protocols in ALL in young adults, including therapeutic drug levels, pharmacokinetics, and clinical values
- Recognize, differentiate, and appropriately manage safety and toxicity issues that can occur during treatment of ALL with asparaginase, such as hypersensitivity reactions, infusion reactions, and other commonly encountered adverse effects

Accredited Provider(s)

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This activity is certified as knowledge-based CPE.

Providership Statement

- This activity is provided by Medical Education Resources (MER) and CMEology.

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