



ASH Guidelines for the Diagnosis and Management of Severe and Very Severe Acquired Aplastic Anemia



What it covers

- Evidence-based recommendations for the diagnosis and management of severe or very severe acquired aplastic anemia in both children and adults.



Why it matters

- Aplastic anemia is a rare, life-threatening condition that affects both children and adults.
- Research in aplastic anemia is limited.
- There is currently variability in clinical practice for diagnosis and management of aplastic anemia.



Who it affects

- Individuals with severe or very severe aplastic anemia, including those with relapsed or refractory conditions, and caregivers
- Clinicians caring for children and/or adult patients, including hematologists, transplant clinicians, pathologists, infectious disease clinicians, and primary care providers



What are the highlights

- Provide guidance on recommended diagnostic testing
- Although the recommendations are organized by chronological age, biological fitness (i.e., comorbidities, performance status) should guide the suitability for intensive treatment.
- Provide guidance on immunosuppressive therapy and hematopoietic stem cell transplants for first- and second-line treatments
- Include eltrombopag to immunosuppressive therapy for both children and adults.
- Initiate antibiotic and antifungal prophylaxis for aplastic anemia patients with neutrophil count below 500 cells/ μ l.
- Due to the low level of existing evidence, additional research is needed to develop high-certainty, evidence-based care recommendations.
- The diagnostic and treatment plan should be a collaborative decision-making process between patients and providers.

Total number of panel recommendations: 37

REFERENCE

Scheinberg P., O'Neal D.A., Basquiera A., Byrne M.T., Calado R., Desai R., DeZem A.E., Dufour C., Groarke E.M., Han H., Hosokawa K., Kansal R., Kulasekararaj A., Mossad S.B., Muus P., Patel B., Risitano A.M., Schrezenmeier H., Sharma A., Shimamura A., Shimano K.A., Tortosa F., Avila C., Ragusa M., Izcovich A., Neumann I. American Society of Hematology 2026 Guidelines for the Diagnosis and Management of Severe and Very Severe Acquired Aplastic Anemia. *Blood Advances*. <https://doi.org/10.1182/bloodadvances.2025019051>

For more information on the ASH Clinical Practice Guidelines on Diagnosis and Management of Acquired Aplastic Anemia, visit www.hematology.org/aplasticanemia

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