

### *Χαρακτηριστικά:*

- Succinct chapters provide a quick-reference overview of evidence-based guidelines for the more experienced haematologist
  - Each clinical scenario includes advice on how to manage the patient and, if appropriate, how to communicate with children and their families
  - Chapters include colour images and flowcharts, and follow a standardised format for ease of reading
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### *Περιεχόμενα:*

1. Normal hemopoiesis and the physiology of blood
2. The coagulation system
3. Common laboratory tests used in hematology and how to interpret them
4. Reference ranges in children

#### **Clinical scenario 1. The child with newly presenting acute leukemia**

5. Neonatal anemia
6. Neonatal abnormal myelopoiesis and the hematology of Down syndrome
7. Neonatal thrombocytopenia
8. Neonatal bleeding disorders

#### **Clinical scenario 2. Hyperleucocytosis**

9. Neonatal thrombotic disorders
10. Inherited bone marrow failure syndromes
11. Acquired bone marrow failure syndromes: aplastic anemia
12. Sideroblastic anemia

#### **Clinical scenario 3. Management of the child with a mediastinal mass**

13. Iron deficiency
14. Disorders of vitamin B12 and folate
15. Hemolytic anemia
16. Infections in hematology patients and the hematological features of infectious disease

#### **Clinical scenario 4. The approach to the neutropenic child with fever**

17. Sickle cell disease
18. Thalassemia

- 19. Neutropenia
- 20. Neutrophil function disorders

**Clinical scenario 5. The approach to the child with pancytopenia**

- 21. Inherited thrombocytopenia
- 22. Acquired thrombocytopenia and immune thrombocytopenia purpura (ITP)
- 23. Immune deficiency
- 24. Hemophagocytic Lymphohistiocytosis (HLH) and other non-malignant histiocytic disorders

**Clinical scenario 6. Does this child have lymphoma?**

- 25. Osteopetrosis
- 26. Hemophilia
- 27. Congenital and acquired von Willebrand disease
- 28. Rare inherited bleeding disorders

**Clinical scenario 7. Diamond-Blackfan anemia, transient erythroblastopenia or other cause of red cell aplasia in children**

- 29. Acquired bleeding disorders
- 30. Venous thrombosis in children
- 31. Arterial thrombosis in children
- 32. Stroke in children

**Clinical scenario 8. Approach to evaluation for a bleeding disorder in a child with suspected non-accidental injury (NAI)**

- 33. Anticoagulation in children
- 34. Blood transfusion indications and safe use in children
- 35. Adverse reactions to blood products and special transfusion circumstances
- 36. Acute lymphoblastic leukemia

**Clinical scenario 9. The neonate with catheter related thrombosis**

- 37. Acute myeloid leukemia
- 38. Juvenile myelomonocytic leukemia (JMML) and myelodysplastic syndromes (MDS)
- 39. Principles of blood and marrow transplantation

**Clinical scenario 10. Neonatal renal vein thrombosis.**