Red blood cell transfusion: 2023 AABB international guidelines.

Guideline ID: 274 Published: 2023 Nov 21

Association for the Advancement of Blood & Biotherapies (AABB)

Carson JL, Stanworth SJ, Guyatt G, et al. Red blood cell transfusion: 2023 AABB international guidelines. JAMA. 2023 Nov 21;330(19):1892-1902. [83 references] PubMed

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Overview

Guideline Objective

To provide credible recommendations for clinicians caring for adults and children considered for red blood cell (RBC) transfusions

Patient Population

Adults and children (infancy to 16 years) considered for RBC transfusions

Note: These guidelines do not address transfusion in preterm neonates.

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- RBC transfusion thresholds based on hemoglobin level and risk factors

Note: Refer to the original guideline for full recommendation statements.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

- Supplemental Online Content; 2023.
- Consensus Recommendations for Red Blood Cell Transfusion Practice in Critically Ill Children from the Pediatric Critical Care Transfusion and Anemia Expertise Initiative; 2018 Sep.
    - The Pediatric Critical Care Transfusion and Anemia Expertise Initiative Consensus Conference Methodology; 2018 Sep.
    - Supplemental Digital Content 1. PubMed/Cochrane/Embase Search Concepts for the Pediatric Critical Care Transfusion and Anemia Initiative.
    - Supplemental Digital Content 2. Abstract Screening and Article Selection.
- Transfusion Thresholds for Guiding Red Blood Cell Transfusion (Review); 2021 Dec 21.

Implementation Tools

- JAMA Viewpoint: From Product to Patient—Transfusion and Patient Blood Management; 2023 Oct 12.
- Continuing Medical Education; 2023 Oct 12.

Patient Education

No patient education materials available.

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TRUST Scorecard

Composition of Guideline Development Group (GDG)

Multidisciplinary GDG Members	Yes
Methodologist Involvement	Yes
Incorporation of Patient and Public Perspective	

Foundations for Recommendations

Strength of Evidence Grade	
Description of Benefits and Harms of Recommendations	
Summary of Evidence Supporting Recommendations	
Strength of Recommendations Rating	
Clear Articulation of Recommendations	

Systematic Review of Evidence

Literature Search	
Study Selection	
Evidence Synthesis	

Funding Source	**Yes**
Disclosure and Management of Financial Conflicts of Interests	
External Review	
Updating	

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