Neonatal resuscitation: 2025 American Heart Association guidelines for cardiopulmonary resuscitation and emergency cardiovascular care.

Guideline ID: 1599 Published: 2025 Oct 21

American Heart Association (AHA) | American Academy of Pediatrics (AAP)

Lee HC, Strand ML, Finan E, et al. Neonatal resuscitation: 2025 American Heart Association guidelines for cardiopulmonary resuscitation and emergency cardiovascular care. Circulation. 2025 Oct 21;152(16_suppl_2):S385-S423. PubMed

View Original Guideline

Overview

Guideline Objective

To provide recommendations based on the best available resuscitation science for the most impactful steps to perform during delivery and in the neonatal period

Patient Population

Neonates

Note: These guidelines apply primarily to the newborn infant who is transitioning from a fluid-filled to an air-filled environment. The concepts in these guidelines may also apply to infants during the neonatal period (birth to 28 days of age) and potentially older infants cared for in the neonatal intensive care unit, depending on patient pathophysiology and institutional practice.

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Anticipation and preparation for resuscitation
- Umbilical cord management for term and preterm newborns
- Initial steps to maintain normothermia and assessment of heart rate
- Ventilation and continuous positive airway pressure, including oxygen supplementation and chest compressions
- Guidance on intravascular access, medications, and volume expansion
- Post-resuscitation care, including withholding and discontinuation
- Team training and human performance

Note: Full recommendation statements have not been provided because this guideline does not meet EGT's systematic review of the evidence criteria. Refer to the original guideline for more information.

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

- The Original Guideline is also available from the *Pediatrics Journal*; 2026 Jan.

- Evidence Evaluation and Guidelines Development: 2025 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care; 2025 Oct.

Implementation Tools

- Executive Summary; 2025 Oct.
- Highlights of the 2025 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care; 2025.
- The AHA Guidelines On-the-Go App is available for Android and iOS.
- The Original Guideline includes the following:
    - Figure 2. Neonatal Resuscitation Algorithm (p. S389)

Patient Education

No patient education materials available.

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