An update on management of adult patients with acute respiratory distress syndrome.

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American Thoracic Society (ATS)

Qadir N, Sahetya S, Munshi L, et al. An update on management of adult patients with acute respiratory distress syndrome. An official American Thoracic Society clinical practice guideline. Am J Respir Crit Care Med. 2024 Jan 1;209(1):24-36. [100 references] PubMed

View Original Guideline

Overview

Guideline Objective

To provide updated evidence-based recommendations for the management of acute respiratory distress syndrome (ARDS)

Patient Population

Adult patients with ARDS

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Treatment options based on ARDS severity, including use of venovenous extracorporeal membrane oxygenation (VV-ECMO), high positive end-expiratory pressure (PEEP), systemic corticosteroids, and neuromuscular blockers
- Considerations for mechanical ventilation strategies and patient positioning
- Guidance on routine use of high-frequency oscillatory ventilation

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

- Online Data Supplement.
- An Official ATS Statement: Grading the Quality of Evidence and Strength of Recommendations in ATS Guidelines and Recommendations; 2006.
- American Thoracic Society Clinical Practice Guideline Development Manual; 2020 May.
- American Thoracic Society Guidelines Packet; 2023 Apr.

Implementation Tools

- The Original Guideline includes the following:

- Figure 1. Current American Thoracic Society Guidelines for the Management of Acute Respiratory Distress Syndrome (p. 26)
- Figure 2. Precautions and Practical Considerations for the Use of Corticosteroids, VV-ECMO, Neuromuscular Blocking Agents, and PEEP (p. 29)

Patient Education

No patient education materials available.

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