

Clinical Indications for Extracorporeal CO₂ Removal

Extracorporeal CO₂ Removal (ECCO₂R) provides an alternative or supplement to mechanical ventilation by removing CO₂ directly from the blood, reducing the risk of ventilator-associated lung injury and facilitating lung rest, protection, and ultimate recovery.



COPD

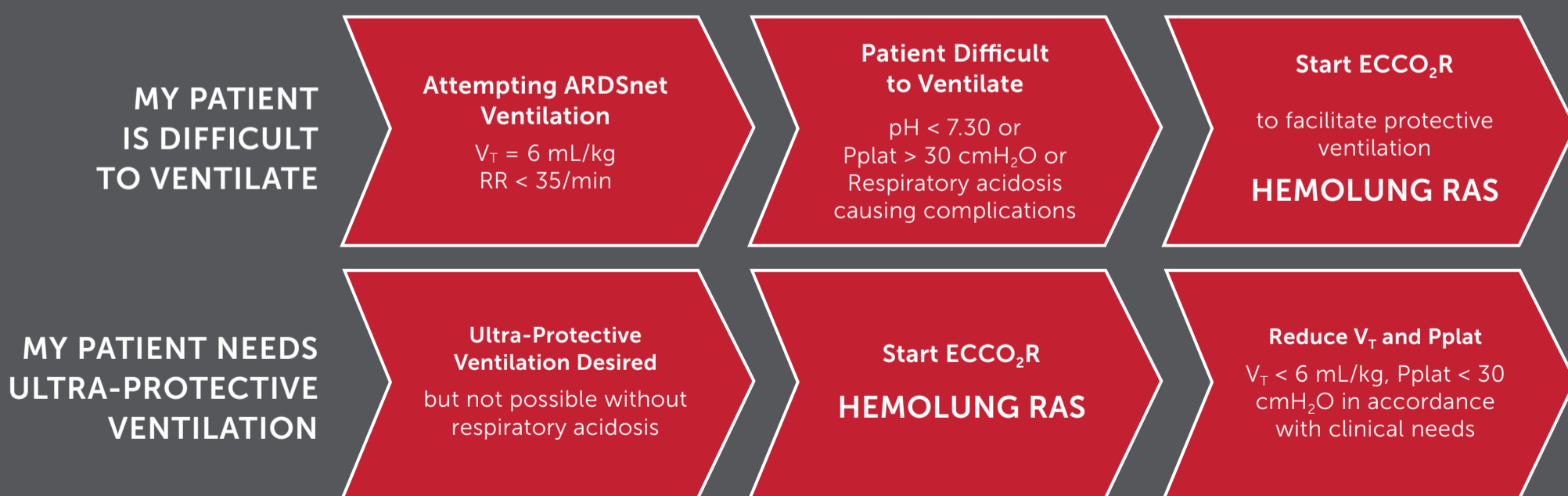
Correct hypercapnia to avoid mechanical ventilation.

Consider ECCO₂R after 2 hours of noninvasive ventilation if:

- pH < 7.25 and PaCO₂ > 55 mmHg (7.3 kPa)
- pH < 7.3, PaCO₂ > 55 mmHg (7.3 kPa) without improvement on NIV
- Increasing respiratory rate
- Clinical signs of respiratory muscle fatigue or increased work of breathing
- Mechanical ventilation deemed undesirable

ARDS

Protect against ventilator induced lung injury.



Questions about your patient?
Please contact ALung Clinical Support:

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HEMOLUNG RAS
Extracorporeal CO₂ Removal System

Pioneered by



Important Safety Information: This guide is provided by ALung Technologies for the purpose of educating health care professionals about providing ECCO₂R with the Hemolung RAS. This information should not be relied upon as complete or accurate; nor should it be relied on to suggest a course of treatment for a particular person. This material should not be construed as including all proper methods of care or excluding other acceptable methods of care reasonably directed to obtaining the same results. The ultimate judgment regarding any specific procedure or treatment is to be made by the physician and patient in light of all circumstances presented by the patient. **Indications (EU/CE Mark):** The Hemolung RAS is indicated for: 1) severe COPD patients failing non-invasive ventilation where no alternative established therapy is available; 2) the application of lung protective ventilation strategies for patients who are invasively mechanically ventilated. The Hemolung RAS is not indicated for patients needing assistance in weaning from invasive mechanical ventilation, patients with severe asthma, and patients preparing for and following lung transplantation. **Please consult the Hemolung RAS Instructions for Use for the complete set of warnings, cautions, and potential complications related to providing ECCO₂R therapy.** Caution: Federal law (USA) restricts this device for sale by or on the order of a physician. Not for sale in the USA.