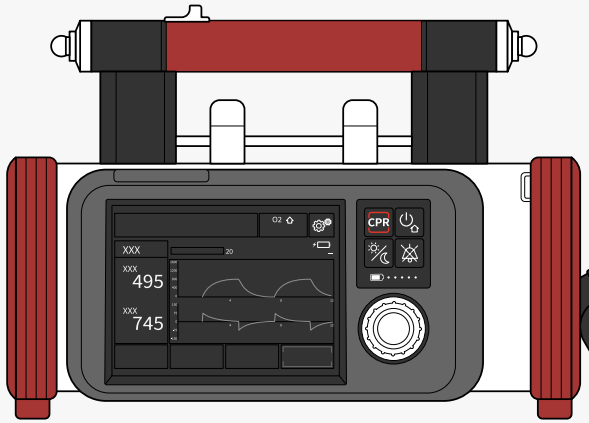
Explore the hidden benefits of mechanical ventilation (MV) at every phase of prehospital care



Phase 1. Chaos

MV brings agility

In 3 taps, ventilator delivers immediate, consistent breathing support. Caregivers are mentally and physically free to provide other critical stabilizing treatments.

Phase 2. Fine tune

MV brings focus

Adapts breathing support to patient conditions in real-time. Caregivers can focus on more specific treatments and preparing for transport.

Phase 3. Keep steady

MV brings calm

Ventilation monitoring continues, adjustments made only as needed. Caregiver team dynamics shift positively as urgency levels lower.

Phase 4. Transfer

MV brings confidence

Prehospital ventilation provides treatment transparency and enables continuity of care on arrival. Caregivers complete hand offs confident they are helping reduce patient risks and potential treatment costs.

How does this protect the lung?

Maintains airway protection, lower risk of aspiration, stable oxygen delivery reduces risk of hypoxia, optimizes carbon dioxide removal to prevent hypocapnia, reduces risk of VILI, and additional complications. Adjusts parameters breath by breath for optimal ventilation and patient comfort.

Source: **Lung-Protective Ventilation**
https://pubmed.ncbi.nlm.nih.gov/27935773/