

Low-Flow anesthesia for lung protective ventilation in the OR

a common problem

Postoperative pulmonary complications (PPC) are common: 5% of patients developed a PPC and 1 out of 5 PPC patients died within 30 days (study result).

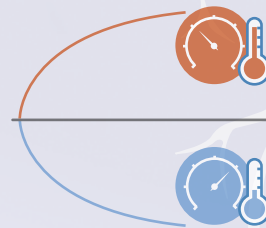
Cold and dry gases from high-flow anesthesia impair mucociliary clearance and damage respiratory epithelium.

Risk most relevant in patients with risk factors and children.



an effective solution

Warm and humid gases can reduce the negative effects on mucociliary clearance and hence the risk for PPC.



Low-flow anesthesia offers the desired effects on temperature and humidity.

Low-flow anesthesia can be effective with a rebreathing system.



Please see our clinical whitepaper for reference citations.