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).

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.

Risk most relevant in patients with risk factors and children.

Please see our clinical whitepaper for reference citations.