

S1 Table. Definitions of postoperative pulmonary complications according to the European Perioperative Clinical Outcome guidelines

Complications	Definitions
Minor complications	
Air leak	Prolonged air leak for > 7 days
Pneumothorax	Air densities in the pleural cavity
Atelectasis	Opacification of the lung, no radiologic finding of pneumonia
Pleural effusion	Fluid collection in the pleural cavity
Major complications	
Pneumonia	Signs indicating pneumonia on imaging studies with relevant clinical symptoms such as fever, dyspnea, or sputum
ARDS	Diagnosed according to the criteria of the Berlin definition 2012
Respiratory failure	Abnormal arterial blood gas test results ($\text{PaO}_2 < 60$ mm Hg, $\text{PaO}_2/\text{FIO}_2 < 300$ mm Hg) or low oxyhemoglobin saturation on pulse oximetry (< 90%)
Bronchopleural fistula	Communication of the bronchus and pleura with pneumothorax on computed tomography or bronchoscopy
Empyema	Abnormal infectious fluid collection in the pleural cavity

ARDS, acute respiratory distress syndrome.