

SUPPLEMENTARY TABLE S6		Characteristics of 153 lung transplant patients readmitted to ICU.
Time after LT at ICUr, months		6 [2-25]
APACHE II score		19 [15-24]
SOFA score		5.00 [3-8]
Last FEV₁, %		42 [16-58]
Last FVC, %		46 [29-65]
ICU stay, days		7 [4-20]
Hospital stay, days		8.5 [4-33.2]
Indication for ICUr		
ARF		110/153 (71.9)
Shock		9/153 (5.9)
Post-operative		8/153 (5.2)
Neurologic compromise		5/153 (3.3)
Other ^a		21/153 (13.7)
Conditions in patients with ICUr+		
Infection		75/153 (49)
Pneumonia		56/153 (36.6)
Sepsis		55/153 (35.9)
Septic Shock		40/153 (26.1)
Causes of ARF at ICUr		110
Pneumonia		50/110 (45.5)
Acute pulmonary oedema		8/110 (7.3)
Bronchial stenosis		7/110 (6.4)
Acute rejection		6/110 (5.5)
Exacerbation of CLAD		6/110 (5.5)
Pneumothorax		6/110 (5.5)
Pulmonary thromboembolism		4/110 (3.5)
Other ^a		23/110 (20.8)
Techniques and Support		
IMV requirement		95/153 (62.1)
Duration of IMV, days		9 [2.4-23]
Duration of IMV >72 h		63/153 (41.2)
HFNC		48/153 (31.4)
Non-IMV		28/153 (18.3)
Prone-positioning therapy		9/153 (5.9)
Fiberoptic bronchoscopy performed		69/153 (45.1)
Tracheostomy performed		42/153 (27.5)
Corticosteroids		14/153 (9.2)
Vasopressor requirement		40/153 (26.1)
Deaths in ICU		55/153 (35.9)
Cause of ICU death		
Multi-organ failure		27/153 (49.1) ^b
Refractory hypoxemia		25/153 (45.5) ^b
Other ^a		3/153 (5.5) ^b
Deaths in hospital		69/153 (45.1)

Data are presented as median [Interquartile range (IQR)] or Number/Total (%) unless otherwise indicated. ICUr, ICU readmission; APACHE II, Acute Physiology and Chronic Health Evaluation II; SOFA, Sequential Organ Failure Assessment; FEV₁, Forced expiratory volume in the first second; FVC, Forced vital capacity; ARF, Acute respiratory failure; CLAD, Chronic lung allograft dysfunction; IMV, Invasive mechanical ventilation; HFNC, High flow nasal cannula.

^a Admission diagnoses are not mutually exclusive.

^aIt encompasses all categories with ≤3 patients.

^bProportion of ICU deaths.