

SUPPLEMENTARY TABLE S5		Characteristics of 21 recurrent ICU readmissions.
Age		55 [44-59]
Male gender		12 (57.1)
Pre-transplant lung disease		
Chronic obstructive pulmonary disease		9 (42.8)
Idiopathic pulmonary fibrosis		6 (28.6)
Diffuse interstitial lung disease		2 (9.5)
Histiocytosis X		2 (9.5)
Cystic fibrosis		1 (4.8)
Bronchiectasis		1 (4.8)
Type of LT		
Bilateral		9 (42.8)
Left		6 (28.6)
Right		6 (28.6)
History of early^a complications after LT⁺		
Primary graft dysfunction		6 (28.6)
Acute rejection		6 (28.6)
AKI		6 (28.6)
Pneumonia		5 (23.8)
Phrenic paresis		4 (19)
Haemorrhage		3 (14.3)
CMV replication		2 (9.5)
Tracheobronchitis		1 (4.8)
Suture stenosis		1 (4.8)
Gastroparesis		1 (4.8)
History of late^b complications after LT⁺		
Infection		8 (38.1)
Diabetes mellitus		7 (33.3)
CLAD		6 (28.6)
History of acute rejection episode		6 (28.6)
Chronic kidney disease		6 (28.6)
Bronchial stenosis		3 (14.3)
High blood pressure		3 (14.3)
Osteoporosis		1 (4.8)
Time since previous ICUr, days		46 [15-209]
APACHE II score		23 [18-30]
SOFA score		7 [4-9]
Last FEV₁, %		42 [36.8-52.3]
Last FVC, %		55 [42-67]
ICU stay, days		8 [5-10]
Hospital stay, days		22.5 [19.5-29.5]
Indication for ICUr		
ARF		15 (71.3)
Shock		3 (14.3)
Other ^c		3 (14.3)
Conditions in patients with ICUr^a		
Infection		10 (47.6)
Pneumonia		9 (42.8)
Sepsis		8 (38.1)
Septic Shock		8 (38.1)
Causes of ARF at ICUr		
Pneumonia		9 (58.8)
Acute pulmonary oedema		1 (6.7)
Acute rejection		1 (6.7)
Pulmonary thromboembolism		1 (6.7)
Hemoptysis		1 (6.7)
Neumonitis		1 (6.7)
Unknown		1 (6.7)
Techniques and Support		
IMV requirement		17 (81)
Duration of IMV, days		6 [3-18]
Vasopressor requirement		9 (42.8)
Deaths in ICU		12 (57.1)
Cause of ICU death		
Multi-organ failure		8 (66.7) ^d
Refractory hypoxemia		3 (25) ^d
Brain death		1 (8.3) ^d
Deaths in hospital		13 (61.9)
Data are presented as median [Interquartile range (IQR)] or Number/Total (%) unless otherwise indicated.		

LT, Lung transplant; AKI, Acute kidney injury; CMV, Cytomegalovirus; CLAD, Chronic lung allograft dysfunction; 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; IMV, Invasive mechanical ventilation.

[†]More than one complication in some cases.

^a Admission diagnoses are not mutually exclusive.

^aImmediate post-operative period.

^bAfter ICU discharge

^cIt encompasses categories with 1 patients.

^dProportion of ICU deaths.