

Figure S1 Determination of the lung volume and density on CT scan. (A) The pulmonary volume is first calculated automatically by the Vitrea software (default values are -200 to -1,024 HU). (B) slices by slice manual contouring of the chest cavity to obtain the ctTLC (sum of ctRLV and ctLLV) and mean density of each lung (HU). HU, Hounsfield unit; L, left; R, right; CT, computed tomography; ctTLC, computed tomography total lung capacity; ctRLV, computed tomography right lung volume; ctLLV, computed tomography left lung volume.

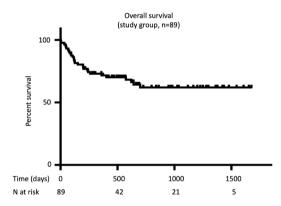


Figure S2 Kaplan-Meier overall survival estimate after LTx. N, number; LTx, lung transplantation.

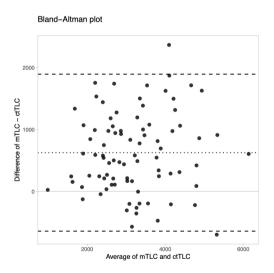


Figure S3 Bland-Altman plot of mTLC and ctTLC. The dotted line indicates the average (626.34) and the dashed lines indicate the limits of agreement (-642.23 and 1,894.91). The Shapiro-Wilk test of the difference returns a P value of 0.3985 which does support a normal distribution. mTLC, measured total lung capacity; ctTLC, computed tomography total lung capacity.