

Table S1. Specific pleural LUS findings in RAS and BOS patients.

Pleura Characteristic	RAS (n = 6)	BOS (n = 19)
Thickening	6 (100.0%)	13 (68.4%)
Fragmented only (any section)	0	1 (5.3%)
Thickening only (any section)	0	4 (21.1%)
Thickening + fragmented (any section)	6 (100.0%)	7 (36.8%)
Average thickness (mm)	5.6 (4 to 9) *	2.9 (1 to 8)

*Wilcoxon rank-sum test: $p = 0.0015$.

Abbreviations: BOS = bronchiolitis obliterans syndrome; LL = left lower area; LU = left upper area; RAS = restrictive allograft syndrome; RL = right lower area; RM = right middle area; RU = right upper area.

Table S2. Specific parenchymal and pleural HRCT findings in RAS and BOS patients.

Characteristic		RAS (n = 6)	BOS (n = 19)	<i>p</i> -value (Chi2)
<i>Parenchyma</i>				
Apical fibrosis RUC/RUP/LUC/LUP	N (%)	6 (100)	4 (21)	0.00058
Apical groundglass opacity RUC/RUP/LUC/LUP	N (%)	5 (83)	8 (42)	0.078
<i>Pleura</i>				
Thickening RUC/RUP/LUC/LUP	N (%)	6 (100)	8 (42)	0.013

Abbreviations: BOS = bronchiolitis obliterans syndrome; LUC = left upper central area; LUP = left upper peripheral area; RAS = restrictive allograft syndrome; RL = right lower area; RM = right middle area; RUC = right upper central area; RUP = right upper peripheral area.

Table S3. Advantages and disadvantages of HRCT and LUS for subtyping CLAD.

	Advantages	Disadvantages
LUS	Minimal time-consuming Cheap Easy feasible Frequent monitoring possible Radiation-free High accuracy for pleural pathology May trigger further CLAD examination by identification of the "RAS-sign" Ruling out other pathological findings not related to CLAD	Cannot identify BOS Only suggestive of PPFE-pattern compatible with RAS
HRCT	Confirmative of radiological RAS and BOS patterns Can quantify pathological pleural and parenchymal affection Ruling out other pathological findings not related to CLAD	Radiation risk Time-consuming Resource heavy (referral and logistics) Expensive

Abbreviations: CLAD = chronic lung allograft dysfunction; HRCT = high-resolution computed tomography; LUS = lung ultrasound; PPFE = pleuroparenchymal fibroelastosis; RAS = restrictive allograft syndrome.