Table S1. Qualitative grading system for assessment of lung MR images obtained using

conventional VIBE, spiral UTE, and CS VIBE sequences

Score	1	2	3	4	5
Pulmonary vascular depiction	Unacceptable (invisible peripheral pulmonary vessels)	Poor (barely visible peripheral pulmonary vessels)	Fair (visible peripheral pulmonary vessels)	Good (visible peripheral pulmonary vessels with clear margin)	Excellent (visible peripheral pulmonary vessels to the distal lung periphery)
Airway depiction	Unacceptable (indistinguishable lobar bronchial walls)	Poor (visible lobar bronchial walls with few visible segmental bronchial walls)	Fair (visible segmental bronchial walls)	Good (visible subsegmental bronchial walls)	Excellent (visible sub-subsegmental bronchial walls)
Cardiac motion artifact	Unacceptable artifacts	Moderate artifacts	Acceptable artifacts	Slight artifacts	No artifact
Image noise for nodule detection	Unacceptable noise affecting nodule detection	Moderate noise	Acceptable noise	Slight noise	Minimal or no noise
Overall image quality	Non-diagnostic	Poor	Acceptable	Good	Excellent

Abbreviations: MR: magnetic resonance; VIBE: volumetric interpolated breath-hold examination; UTE: ultrashort echo time; CS: compressed sensing.