

Supplemental table 1 Association between contact force and PV orientation

	Ventral-caudal	Dorsal-caudal	Ventral-cranial	Dorsal-cranial	P
LUPV (g)	13.1 ±2.7	15.9 ±2.8	18.6 ±8.6	15.4 ±2.2	0.236
LLPV (g)	15.2 ±3.8	11.8 ±3.7	16.5 ±7.7	14.2 ±5.0	0.491
RUPV (g)	14.7 ±2.7	18.1 ±6.9	19.8 ±5.7	19.1 ±3.8	0.143
RLPV (g)	14.1 ±3.2	16.5 ±8.0	14.7 ±4.4	17.0 ±5.4	0.718

Mean contact force ±SD per PV orientation. P-value between groups. LUPV: left upper pulmonary vein; LLPV: left lower pulmonary vein; RUPV: right upper pulmonary vein; RLPV: right lower pulmonary vein.

Supplemental table 2 Association between number of lesions with a CF <10g and PV orientation

	Ventral-caudal	Dorsal-caudal	Ventral-cranial	Dorsal-cranial	P
LUPV	9.0 ±6.8	3.8 ±4.2	5.9 ±6.4	5.4 ±3.8	0.463
LLPV	4.4 ±2.4	8.1 ±8.0	3.9 ±5.0	6.6 ±7.0	0.459
RUPV	5.5 ±4.9	3.7 ±2.9	3.4 ±2.5	3.1 ±2.6	0.734
RLPV	5.3 ±2.9	5.5 ±4.4	5.4 ±4.6	3.8 ±3.2	0.795

Mean number of lesions with contact force <10 ±SD per PV orientation. P-value between groups. LUPV: left upper pulmonary vein; LLPV: left lower pulmonary vein; RUPV: right upper pulmonary vein; RLPV: right lower pulmonary vein.