Figure S1. Association of low tidal volume ventilation and peak pressure in patients with one-lung ventilation undergoing surgery. SD, standard deviation; CI, confidence interval; df, degrees of freedom; IV, inverse variance.

	Expe	erimen	tal	Control			Mean difference		Mean difference				
Study or subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% C		IV, Ra	andom, 9	95% CI	
Jung 2014	21	1.5	30	22.8	0.9	30	16.6%	-1.80 [-2.43, -1.17]			-		
Kim 2019	21	4	20	19	5	20	11.7%	2.00 [-0.81, 4.81]			+-		
Lin 2008	26.7	3.5	20	33.6	4.6	20	12.4%	-6.90 [-9.43, -4.37]			·		
Marret 2018	23.8	5.8	172	28	6.5	171	15.4%	-4.20 [-5.50, -2.90]		-	-		
Maslow 2013	24.1	7	16	27.4	4.6	16	8.6%	-3.30 [-7.40, 0.80]		_	•		
Schilling 2005	21.6	7.22	16	24.9	5.8	16	7.8%	-3.30 [-7.84, 1.24]		_	•		
Yang 2011	18	3	50	23	2	50	16.0%	-5.00 [-6.00, -4.00]		-	-		
Ye 2011	21.67	3.61	10	21.43	2.88	10	11.5%	0.24 [-2.62, 3.10]			+		
Total (95% CI)			334			333	100.0%	-2.88 [-4.60, -1.16]			•		
Heterogeneity: Tau ² = 4.55; Chi ² = 58.56, df = 7 (P < 0.00001); l ² = 88% Toot for everall effect: 7 = 3.28 (P = 0.001)										20			
Test for overall effect: Z = 3.28 (P = 0.001) Favours experimental Favours control									trol				

Figure S2. Association of low tidal volume ventilation and the risk of atelectasis in patients with one-lung ventilation undergoing surgery. M-H, Mantel-Haenszel; CI, confidence interval; df, degrees of freedom.

	Low tidal v	dal volume High tid		idal volume		Risk ratio	Risk ratio		
Study or subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95%	CI M-H, Random, 95% CI		
Ahn 2012	2	25	4	25	6.1%	0.50 [0.10, 2.49]			
Kim 2019	8	20	9	20	29.8%	0.89 [0.43, 1.83]	-		
Lin 2008	3	20	2	20	5.5%	1.50 [0.28, 8.04]			
Marret 2018	20	172	27	171	53.9%	0.74 [0.43, 1.26]			
Maslow 2013	1	16	0	16	1.6%	3.00 [0.13, 68.57]	•		
Qutub 2014	0	13	0	13		Not estimable			
Yang 2011	1	50	3	50	3.1%	0.33 [0.04, 3.10]			
Total (95% CI)		316		315	100.0%	0.79 [0.53, 1.17]	•		
Total events	35		45						
Heterogeneity: Tau ² = 0.00; Chi ² = 2.32, df = 5 (P = 0.80); I ² = 0%									
Test for overall effect:	Z = 1.17 (P =	0.24)	0.001 0.1 1 10 1000 Favours Low tidal volume Favours High tidla volume						