

Table S1 Perioperative clinical factors associated with antibiotic duration

Demographics	N (%)	Abx (days), mean \pm SD	P value
Sex			0.12
Male	83 (71.55)	24.75 \pm 12.51	
Female	33 (28.45)	25.85 \pm 34.13	
Race			0.78
White	65 (56.03)	25.49 \pm 25.83	
Black	44 (37.93)	24.16 \pm 11.78	
Other	7 (6.03)	26.71 \pm 15.25	
Insurance			0.88
Private	39 (33.62)	23.72 \pm 12.13	
Government	52 (44.83)	26.85 \pm 27.81	
Uninsured	25 (21.55)	23.44 \pm 14.14	
Preoperative variables			
DM			0.04
Yes	25 (21.55)	33.68 \pm 37.47	
No	91 (74.45)	22.69 \pm 12.50	
CHF			0.47
Yes	17 (14.66)	25.82 \pm 12.54	
No	99 (85.34)	24.93 \pm 22.04	
CKD			0.12
Yes	18 (15.52)	26.78 \pm 9.35	
No	98 (84.48)	24.74 \pm 22.38	
CVD			0.73
Yes	23 (19.83)	24.65 \pm 11.95	
No	93 (80.17)	25.16 \pm 22.60	
PVD			0.85
Yes	8 (6.90)	23.63 \pm 12.66	
No	108 (93.10)	25.17 \pm 21.40	
COPD			0.94
Yes	55 (47.41)	23.38 \pm 12.14	
No	61 (52.59)	26.57 \pm 26.42	
Tobacco usage ever			0.13
Yes	73 (62.93)	24.73 \pm 12.79	
No	43 (37.07)	25.63 \pm 30.21	
Active smoker			0.71
Yes	45 (38.79)	24.11 \pm 13.58	
No	71 (61.21)	25.66 \pm 24.48	
Preoperative Cx			0.76
Yes	60 (51.72)	26.67 \pm 26.53	
No	56 (48.28)	23.34 \pm 12.27	
Preoperative growth			0.03
Yes	36 (31.03)	31.22 \pm 31.92	
No	80 (68.97)	22.29 \pm 12.58	
Preoperative chest tube			0.76
Yes	48 (41.38)	26.96 \pm 29.45	
No	68 (58.62)	23.72 \pm 11.63	
Room air preoperative			0.43
Yes	42 (36.21)	22.02 \pm 11.40	
No	74 (63.79)	26.78 \pm 24.60	
Vent preoperative			0.03
Yes	18 (15.52)	39.28 \pm 44.18	
No	98 (84.48)	22.45 \pm 1.41	
Intraoperative variables			
Surgery			0.17
VATS	73 (62.93)	22.03 \pm 11.26	
VATS to open	25 (21.55)	24.96 \pm 13.13	
Open	18 (15.52)	37.50 \pm 44.33	
Intraoperative Cx growth			0.04
Yes	62 (53.45)	24.90 \pm 9.95	
No	54 (46.55)	25.24 \pm 28.84	
Postoperative complications			
Reoperation			0.99
Yes	9 (7.76)	23.56 \pm 11.33	
No	107 (92.24)	25.19 \pm 21.52	
Postoperative vent			0.20
Yes	57 (49.14)	28.05 \pm 27.18	
No	59 (50.86)	22.17 \pm 11.55	
Postoperative transfusion			0.06
Yes	35 (30.17)	27.40 \pm 13.94	
No	81 (69.83)	24.05 \pm 23.25	
Prolonged air leak			0.13
Yes	11 (9.48)	29.00 \pm 12.07	
No	105 (90.52)	24.65 \pm 21.59	
Discharge with chest tube			0.22
Yes	7 (6.03)	29.57 \pm 12.80	
No	109 (93.97)	24.77 \pm 21.30	
Trach			0.51
Yes	4 (3.45)	27.75 \pm 12.82	
No	112 (96.55)	24.96 \pm 21.14	
Reintubation			0.09
Yes	9 (7.76)	27.75 \pm 12.82	
No	107 (92.24)	24.96 \pm 21.14	

A comprehensive post-hoc analysis exploring the clinical factors influencing the duration of antibiotic therapy, irrespective of ID specialist involvement. Abx, antibiotics; SD, standard deviation; DM, diabetes mellitus; CHF, congestive heart failure; CKD, chronic kidney disease; CVD, cardiovascular disease; PVD, peripheral vascular disease; COPD, chronic obstructive pulmonary disease; Cx, culture; VATS, video-assisted thoracoscopic surgery.