

Table S1 Multivariate linear regression analysis of the effect of sugammadex use on patient recovery characteristics

Variables	β	Standard error	Standardized β	P value
Time to extubation				
Sugammadex (vs. no sugammadex)	-4.869	0.993	-0.109	<0.001
Constant	-1.556	4.820		<0.001
Time to return to the ward				
Sugammadex (vs. no sugammadex)	-7.212	1.232	-10.126	<0.001
Constant	-14.742	4.219		<0.001
Time to passage of flatus				
Sugammadex (vs. no sugammadex)	-0.370	0.067	-0.134	<0.001
Constant	3.380	0.225		<0.001
Time to food intake				
Sugammadex (vs. no sugammadex)	-1.535	0.112	-0.312	<0.001
Constant	3.531	0.383		<0.001
Time to defecation				
Sugammadex (vs. no sugammadex)	-0.275	0.082	-0.083	0.001
Constant	3.198	0.271		<0.001
Time to ambulation				
Sugammadex (vs. no sugammadex)	-0.367	0.082	0.072	<0.001
Constant	2.543	0.426	0.093	<0.001
Postoperative static VAS score at POD1				
Sugammadex (vs. no sugammadex)	-0.044	0.020	-0.055	<0.001
Constant	0.080	0.016		<0.001

POD, postoperative day; VAS, visual analogue scale.

Table S2 Conditional forward regression analysis of the effects of sugammadex on postoperative complications

Variables	Wald	Df	P value	EXP (β)	95% CI
Cough					
Sugammadex (vs. no sugammadex)	21.682	1	<0.001	0.218	0.115–0.414
Constant	216.611	1	<0.001	0.034	
Pneumonia					
Sugammadex (vs. no sugammadex)	4.456	1	0.035	0.550	0.316–0.958
Constant	45.210	1	<0.001	0.001	
Transaminase elevations					
Sugammadex (vs. no sugammadex)	44.728	1	<0.001	0.367	0.274–0.493
Constant	5.570	1	0.018	0.257	
Hypoproteinemia					
Sugammadex (vs. no sugammadex)	11.660	1	0.001	0.647	0.503–0.830
Constant	207.869	1	<0.001	0.300	
Hyperbilirubinemia					
Sugammadex (vs. no sugammadex)	19.298	1	<0.001	0.568	0.441–0.731
Constant	61.394	1	<0.001	0.196	
Renal dysfunction					
Sugammadex (vs. no sugammadex)	11.003	1	0.001	0.394	0.227–0.683
Constant	38.088	1	<0.001	0.005	

CI, confidence interval; Df, difference; EXP, expected.