

**Table 2. Association between persistent (Day 0 and Day 3) Diaphragmatic Dysfunction on the operated side and development of postoperative pulmonary and cardiac complications according to logistic regression analysis**

Outcome	Persistent DD N=23 (46%)	No Persistent DD N=27 (54%)	Univariate Analysis		Multivariate Analysis after step AIC procedure	
			OR (95% CI)	P	OR (95% CI)	P
All respiratory complications	8 (40%)	7 (24%)	2.10 (0.61-7.41)	0.24	-	-
Lung infection or COPD exacerbation	8 (40%)	2 (7%)	9.00 (1.92-65.93)	0.01	2.27 (0.32-20.07)	0.418
Pneumothorax	1 (5%)	2 (7%)	0.46 (0.02-3.88)	0.51	-	-
Need for Non-Invasive Ventilation	0 (0%)	3 (10%)	-	-	-	-
Need for Invasive Ventilation	2 (10%)	1 (3%)	3.11 (0.28-69.88)	0.37	-	-
Ventilation duration (days)	0 (0;0)	0 (0;0)	1.08 (0.98-1.38)	0.31	-	-
Duration before chest tube removal (days)	7 (4;11)	5 (4;6)	1.12 (0.99-1.30)	0.09	0.89 (0.69-1.11)	0.33
All cardiac complications	4 (20%)	5 (17%)	1.20 (0.26-5.22)	0.81	-	-
Wound infection	1 (5%)	1 (3%)	1.47 (0.06-38.82)	0.79	-	-
Hospital length of stay (days)	20 (15;23)	9 (7;12)	1.21 (1.09-1.38)	0.001	1.30 (1.08-1.69)	0.016
Need for ICU admission	9 (45%)	1 (3%)	3.93 (1.10-15.53)	0.04	1.02 (0.14-6.03)	0.98

Data are expressed in number (N) and percentages (%) unless otherwise indicated. *P* value for univariate or multivariate analysis. DD: Diaphragmatic Dysfunction; Persistent DD: DD present on the operated side only at D0 persisting at D3; All respiratory complications: lung or wound infection, COPD exacerbation, pleural effusion, pneumothorax, need for invasive or non-invasive ventilation; COPD: Chronic Obstructive Pulmonary Disease; All cardiac complications: rhythm disturbances, atrial fibrillation, pulmonary edema or myocardial ischemia; ICU: Intensive Care Unit, OR: Odds Ratio.