

Supplementary file 5 : Comparison of outcomes between swab confirmed SARS-CoV-2 Positive and Negative patients

Outcome	COVID status	Unadjusted Analysis				Adjusted Analysis ^(*)		
		N	n (%)	OR (95% CI)	P-value	N	OR (95% CI)	P-value
ICU admission	Negative	822	82 (10.0%)	1	<0.001	822	1	0.47
	Positive	82	19 (23.2%)	3.16 (1.66, 5.98)		82	1.38 (0.58, 3.30)	
30-day mortality	Negative	789	27 (3.4%)	1	<0.001	789	1	0.04
	Positive	74	12 (16.2%)	5.46 (2.64, 11.3)		74	2.65 (1.03, 6.83)	
Length of hospital stay ^(*)	Negative	802	5 [3, 9]	1	<0.001	802	1	0.02
	Positive	74	8 [4, 17]	1.60 (1.34, 1.90)		74	1.20 (1.03, 1.40)	
Pancreatic Necrosis (suspected or +ve)	Negative	727	104 (14.3%)	1	0.02	727	1	0.88
	Positive	76	19 (25.0%)	2.06 (1.13, 3.73)		76	0.94 (0.46, 1.95)	
Acute pancreatic fluid Collections (suspected or +ve)	Negative	725	169 (23.3%)	1	<0.001	725	1	0.02
	Positive	76	36 (47.4%)	3.11 (1.84, 5.24)		76	2.14 (1.16, 3.96)	
Pseudo aneurysms (suspected or +ve)	Negative	725	12 (1.5%)	1	0.89	725	1	0.34
	Positive	76	1 (1.3%)	0.87 (0.11, 6.80)		76	0.33 (0.03, 3.24)	
PL fistula (suspected or +ve)	Negative	725	4 (0.8%)		(+)	725		(+)
	Positive	75	0 (0.0%)			75		
Enteric fistula (suspected or +ve)	Negative	724	8 (1.1%)		(+)	725		(+)
	Positive	102	0 (0.0%)			75		
Pancreatic ascites (suspected or +ve)	Negative	726	79 (10.9%)	1	0.58	726	1	0.64
	Positive	76	10 (13.2%)	1.25 (0.57, 2.71)		76	0.81 (0.33, 1.97)	
Portal vein thrombus (suspected or +ve)	Negative	722	28 (3.9%)	1	0.80	722	1	0.19
	Positive	75	2 (2.7%)	0.82 (0.18, 3.70)		75	0.33 (0.06, 1.73)	
Any local	Negative	722	219 (30.3%)	1	<0.001	722	1	0.11

complication (#)	Positive	75	39 (52.0%)	2.55 (1.53, 4.24)		75	1.65 (0.89, 3.08)	
	Negative	798	55 (6.9%)	1	<0.001	798	1	
	Positive	111	27 (24.3%)	5.48 (3.03, 9.92)		111	3.42 (1.47, 7.94)	0.004

(~) Adjusted for: age, sex, smoking status, alcohol aetiology, idiopathic aetiology, unknown aetiology, other aetiology, ECOG, Atlanta classification

(*) Summary statistics are: Median [**p75-p25**]. Group differences reported as: Ratio (95% CI)

(+) Insufficient occurrences to enable a formal group comparison

(#) Defined as any of: Collection, Pseudoaneurysm, Pancreatic Pleural Fistula, Enteric Fistula, Pancreatic Ascites, or Portal Vein Thrombus

(*) 983 patients were included in the SARS-CoV-2 negative group and 118 patients in the negative group**