

Supplementary tables

Lab parameter	Value
WBC x 10 ³ /uL (mean +/- SD)	11.1 (+/- 5.53)
Neutrophil x 10 ³ /uL (mean +/- SD)	9.68 (+/- 5.13)
Lymphocyte x 10 ³ /uL (median IQR)	0.8 (0.5-1.2)
Neutrophil/Lymphocyte (median IQR)	10 (5.25-18)
Platelets x 10 ³ /uL (median IQR)	236 (174-325)
Hemoglobin gm/dL (median IQR)	13.2 (12.1-14.5)
INR (median +IQR)	1.1 (1-1.2)
D dimer mg/L (median IQR)	1.47 (0.69-6.65)
Fibrinogen gm/L (mean +/- SD)	5.89 +/- 1.89
IL6 pg/ml (median IQR)	97 (31.5-33)
CRP mg/L (median IQR)	146 (87-232)
Procalcitonin ng/ml (median IQR)	0.45 (0.145-1)
Lactic acid mmol/L (median IQR)	1.7 (1.2-2.3)
Urea mmol/L (median +IQR)	6.1 (4.2-8.7)
Creatinine umol/L (median IQR)	75 (64-99)
Sodium mmol/L (median IQR)	136 (133-139)
AST U/L (median +IQR)	49 (34-76)
ALT U/L	47 (32-74)

(median +IQR)	
Bilirubin U/L (median IQR)	10 (8-17.6)

Supplementary Table A. Investigations upon admission to ICU

(WBC – white blood count, AST - aspartate aminotransferase, ALT - alanine transaminase, IL6 – Interleukin-6, CRP – C-reactive protein, uL – millimetre, gm/dL- grams per deciliter, mg/dL - milligrams per litre, gm/L – gram per litre, IL-6 - Interleukin 6, pg/ml - picograms per millilitre, ng/ml - nanograms per millilitre, mmol/L - millimoles per litre, umol/L - micromoles per litre, U/L – Units per litre)

Variable	F	df1	p
Sofa score	6.32	1	0.014
Respiratory rate prior to developing pneumothorax	7.26	1	0.008
PEEP in intubated patients prior to developing pneumothorax	5.234	1	0.027
D dimer mg/L	4.1	1	0.049
Fibrinogen gm/L	5.358	1	0.023

Urea mmol/L	5.714	1	0.020
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Table B. One-Way ANOVA (Welch's) for compared parametric variables based on mortality.

variable	χ^2	df	p
Number of patients requiring invasive ventilation before developing pneumothorax	5.2857	1	0.022
Number of patients requiring invasive ventilation after developing pneumothorax	13.0110	1	< .001
Inotrope/vasopressor use during ICU stay	8.5893	1	0.003
Procedures known to cause pneumothorax preceding pneumothorax	7.9488	1	0.005

Table C. One-Way ANOVA (Kruskal-Wallis) for compared non-parametric variables based on mortality.