

**Supplementary table S1:** comparison between spirometry results between the two groups studied at T1

Parameters		Group 1	Group 2	P value
Forced expiratory volume 1st second	Liters	2.82 ± 0.72	3.02 ± 0.88	Ns
	%	101.12 ± 21.54	97.78 ± 18.94	Ns
Forced Vital Capacity	Liters	3.60 ± 0.65	3.79 ± 1.06	Ns
	%	106.33 ± 22.03	100.93 ± 17.58	Ns
Tiffeneau Index	Liters	77.17 ± 8.23	79.54 ± 10.49	Ns
	%	99.33 ± 10.48	98.54 ± 14.81	Ns
Forced expiratory flow 25%	Liters	5.21 ± 1.96	5.91 ± 1.90	Ns
	%	81.33 ± 23.58	82.85 ± 27.23	Ns
Forced expiratory flow 50%	Liters	3.48 ± 1.88	3.69 ± 1.31	Ns
	%	84.50 ± 40.39	82.98 ± 28.34	Ns
Forced expiratory flow 75%	Liters	2.65 ± 1.19	2.93 ± 1.17	Ns
	%	80.00 ± 32.32	81.39 ± 31.32	Ns
Forced expiratory flow 25-75%	Liters	1.43 ± 0.85	1.43 ± 0.88	Ns
	%	72.33 ± 24.72	78.56 ± 45.20	Ns

**Supplementary table S2:** segment evaluation for each patient in Group 1 population as T0 and T1

	T0														T1													
ID	R1	R2	R3	R4	R5	R6	L1	L2	L3	L4	L5	L6	Increased pleural line	Pleural effusion	R1	R2	R3	R4	R5	R6	L1	L2	L3	L4	L5	L6	Increased pleural line	Pleural effusion
1	0	0	0	0	0	1	0	1	0	1	0	1	Yes	Yes	1	0	0	1	1	1	0	0	0	1	1	1	Yes	NO
2	0	1	0	1	0	0	1	1	0	0	0	0	Yes	NO	0	0	0	0	0	0	0	0	0	0	0	0	Yes	NO
3	1	1	1	2	1	3	1	2	1	2	1	2	Yes	NO	1	1	1	1	1	2	1	1	1	1	1	1	Yes	NO
4	0	0	0	0	0	1	0	0	1	0	1	2	Yes	NO	0	1	0	1	0	1	0	0	1	0	1	1	Yes	NO
5	0	0	0	0	0	1	0	0	0	1	0	1	Yes	NO	0	0	0	0	0	0	0	0	0	1	0	0	No	NO
6	0	0	0	0	0	1	0	0	1	0	0	1	Yes	NO	0	0	0	0	0	0	0	0	1	0	0	0	No	NO
7	0	0	0	1	1	2	1	0	0	0	0	2	Yes	NO	0	1	0	0	0	0	0	0	0	0	0	1	No	NO
8	0	0	0	1	0	1	1	0	0	0	0	1	Yes	NO	0	0	0	0	0	0	0	0	0	0	1	0	No	NO
9	0	0	1	0	0	2	0	0	0	0	1	2	Yes	NO	1	0	1	1	0	1	1	0	1	0	1	2	Yes	NO
10	1	1	1	2	1	3	1	2	1	2	1	2	Yes	NO	1	1	1	1	1	2	1	1	1	1	1	1	Yes	NO
11	0	1	1	2	0	2	1	1	1	2	1	2	Yes	NO		1	1	1	0	1	1	1	1	1	1	1	Yes	NO
12	1	1	2	2	1	2	1	2	1	2	2	2	Yes	NO	0	1	0	1	1	1	0	0	1	0	1	1	Yes	NO
13	0	0	1	0	0	0	1	0	0	1	0	0	Yes	NO	0	0	0	0	0	0	0	0	0	0	0	0	Yes	NO
14	0	0	0	1	1	2	1	0	0	0	0	2	Yes	NO	0	1	0	0	0	0	0	0	0	0	0	1	No	NO
15	0	0	0	0	0	1	0	0	1	0	1	2	Yes	NO	0	1	0	1	0	1	0	0	1	0	1	1	Yes	NO

**Supplementary Table S3:** Day of recovery (evaluated as dependent variable), relates differently in patients who experienced MAb (Group 1) and who did not (Group 2).

	Group 1	
	R	T0 p
pH	0.575	0.002
pO2	-0.241	Ns
pCO2	0.567	0.002
P/F	-0.241	Ns
HCO3-	-0.271	Ns
SaO2	-0.240	Ns
A-aDO2	0.443	0.023
LUS	0.391	0.048

**Supplementary Table S4:** Day of recovery (evaluated as independent variable), relates differently in patients who experienced MAb (Group 1) and who did not (Group 2).

	Group 1		Group 2	
	R	T1	R	T1
		R <sup>2</sup>		p
pH	0.053	Ns	0.709	0.001
pO <sub>2</sub>	-0.444	0.04	0.006	Ns
pCO <sub>2</sub>	0.025	Ns	0.792	0.0001
P/F	-0.444	0.04	-0.361	Ns
HCO <sub>3</sub> <sup>-</sup>	-0.016	Ns	0.709	0.001
SaO <sub>2</sub>	-0.157	Ns	0.147	Ns
A-aDO <sub>2</sub>	0.458	0.032	-0.123	Ns
LUS	0.548	0.008	-0.001	Ns

**Supplementary Figure S1:** examples of LUS in patient who recovered (upper panels) and who did not (lower panels). Stars indicated ultrasonographic image of B-lines

