

Raw Data of mSOFA Score Variables and Total mSOFA Score.								
Variables	Group	BL: 0h	24h	48h	54h	60h	66h	72h
Respiratory : PaO2/FiO2 ratio (mmHg) / mSOFA score	Control	512.7 ± 10.1 / 0	567.2 ± 17.4 / 0	552.1 ± 12.6 / 0	342.1 ± 44.3 / 1.3 ± 0.4	252.4 ± 45.8 / 1.6 ± 0.4	269.2 ± 41.5 / 2.2 ± 0.4	243.5 ± 19.6 / 2.3 ± 0.2
	MPLA	534.9 ± 9.2 / 0	570.7 ± 28.1 / 0	584.7 ± 15.8 / 0	398.2 ± 40.3 / 0.8 ± 0.4	321.5 ± 22.7 / 1.5 ± 0.2	403.2 ± 28.2* / 0.5 ± 0.2	411.1 ± 25.3* / 0.3 ± 0.2
Coagulation : Platelets (x 10 ³ /μL) / mSOFA score	Control	132 ± 35 / 1.2 ± 0.5	415 ± 93 / 0.3 ± 0.3	282 ± 85 / 0.3 ± 0.2	185 ± 81 / 1.5 ± 0.7	184 ± 103 / 2.0 ± 0.6	290 ± 87 / 0.8 ± 0.5	202 ± 63 / 1.0 ± 0.5
	MPLA	465 ± 128 / 0.5 ± 0.3	491 ± 109 / 0.3 ± 0.3	401 ± 96 / 0.3 ± 0.3	369 ± 94 / 0.6 ± 0.4	341 ± 64 / 0.5 ± 0.5	449 ± 146 / 0.3 ± 0.3	460 ± 188 / 0.8 ± 0.5
Liver : Bilirubin (mg/dL) / mSOFA score	Control	0.2 ± 0.02 / 0	0.1 ± 0.02 / 0	0.2 ± 0.05 / 0	0.2 ± 0.03 / 0	0.3 ± 0.09 / 0	0.4 ± 0.07 / 0	0.4 ± 0.09 / 0
	MPLA	0.2 ± 0.03 / 0	0.1 ± 0.02 / 0	0.2 ± 0.03 / 0	0.2 ± 0.08 / 0	0.3 ± 0.14 / 0	0.4 ± 0.26 / 0.2 ± 0.2	0.4 ± 0.19 / 0.2 ± 0.2
Cardiovascular: Hypotension (MAP Decrement from BL, mmHg) / mSOFA score	Control	0 / 0	-1.0 ± 3.7 / 0	0.0 ± 2.4 / 0	9.2 ± 4.4 / 0.7 ± 0.3	12.3 ± 4.0 / 0.8 ± 0.3	15.7 ± 5.6 / 1.5 ± 0.4	14.2 ± 5.9 / 1.0 ± 0.4
	MPLA	0 / 0	-2.0 ± 3.8 / 0.2 ± 0.2	0.2 ± 3.8 / 0.2 ± 0.2	4.3 ± 4.5 / 0.3 ± 0.3	-0.7 ± 4.6 / 0.2 ± 0.2	-2.0 ± 3.9* / 0	-2.5 ± 4.1* / 0.2 ± 0.2
Central Nervous System : SSNAA Scale / mSOFA score	Control	11 / 0	8.2 ± 1.2 / 1.2 ± 0.5	11 / 0	8.2 ± 1.2 / 1.2 ± 0.5	9.3 ± 0.9 / 0.7 ± 0.4	9.7 ± 0.4 / 0.7 ± 0.2	8.7 ± 0.9 / 1.0 ± 0.4
	MPLA	11 / 0	10.7 ± 0.3* / 0.2 ± 0.2	11 / 0	10.7 ± 0.3* / 0.2 ± 0.2	11 / 0	10.5 ± 0.5 / 0.2 ± 0.2	10.7 ± 0.3 / 0.2 ± 0.2
Renal : Creatinine (mg/dL) / mSOFA score	Control	0.8 ± 0.03 / 0	0.6 ± 0.02 / 0	0.7 ± 0.05 / 0	0.8 ± 0.07 / 0	1.0 ± 0.1 / 0.3 ± 0.2	1.0 ± 0.1 / 0.7 ± 0.7	1.0 ± 0.2 / 0.2 ± 0.2
	MPLA	0.9 ± 0.1 / 0.2 ± 0.2	0.7 ± 0.04 / 0	0.7 ± 0.05 / 0	0.7 ± 0.06 / 0	0.7 ± 0.07 / 0	0.7 ± 0.04 / 0	0.7 ± 0.05 / 0
Total mSOFA score	Control	1.2 ± 0.5	1.5 ± 0.5	0.3 ± 0.2	4.7 ± 1.2	5.5 ± 0.6	5.8 ± 1.0	5.5 ± 0.6
	MPLA	0.7 ± 0.3	0.7 ± 0.3	0.5 ± 0.3	2.0 ± 0.5*	2.2 ± 0.4*	1.2 ± 0.3*	1.7 ± 0.3*

Data are expressed as Mean ± SEM. Two-way ANOVA repeated measurement with Bonferroni post-hoc test. * p< 0.05.