

Table S1. CSDD and MMSE Assessment in all the groups throughout the six-week period (Mean(SD)/N).

		Week 0	Week 1	Week 2	Week 6
CSDD	Healthy group	2.27 (2.38) / 37		-	2.60 (2.64) / 35
	Hospital group		7.00 (4.28) / 7	5.71 (5.09) / 7	4.33 (2.88) / 6
	Infection group		10.33 (7.09) / 12	6.92 (5.00) / 12	4.80 (4.47) / 10
MMSE	Healthy group	29.8 (0.48) / 37	-	-	29.7 (0.54) / 35
	Hospital group	29.2 (0.98) / 11	29.6 (0.79) / 7	29.3 (0.76) / 7	29.5 (0.84) / 6
	Infection group	29.3 (1.10) / 15	29.6 (0.67) / 12	29.4 (0.67) / 12	30.0 (0) / 10

Table S2. Percentage of patients in the three groups with an abnormal CSDD and MMSE throughout the six-week period.

		Week 0	Week 1	Week 2	Week 6
CSDD	Healthy group	0% (0/37)		-	2.9% (1/35)
	Hospital group		14.3% (1/7)	14.3% (1/7)	0% (0/6)
	Infection group		50% (6/12)	16.7% (2/12)	10% (1/10)
MMSE	Healthy group	0% (0/37)	-	-	0% (0/35)
	Hospital group	0% (0/11)	0% (0/7)	0% (0/7)	0% (0/10)
	Infection group	0% (0/15)	0% (0/12)	0% (0/12)	0% (0/6)

Table S3. Inflammatory markers quantification in all the groups throughout the six-week period (Mean (SD)/N).

		Week 0	Week 1	Week 2	Week 6
CRP	Healthy group	4.41 (12.1) / 38	-	-	2.88 (6.1) / 36
	Hospital group	28.1 (40.4) / 11	8.3 (16.2) / 5	13.4 (19.1) / 7	3.8 (6.1) / 6
	Infection group	144.7 (107.2) / 13	11.6 (14.6) / 10	16.8 (9.0) / 10	8.2 (13.4) / 10
IL1	Healthy group	0.13 (0.27) / 38	-	-	0.20 (0.41) / 36
	Hospital group	0 (0) / 9	0.01 (0.04) / 7	0.01 (0.04) / 7	0 (0) / 6
	Infection group	0.07 (0.16) / 15	0.21 (0.69) / 11	0 (0) / 12	0 (0) / 10
IL4	Healthy group	4.16 (3.39) / 38	-	-	2.73 (2.42) / 36
	Hospital group	8.73 (12.11) / 9	11.74 (12.41) / 7	7.29 (8.25) / 7	1.10 (0.81) / 6
	Infection group	19.1 (28.0) / 15	18.9 (26.9) / 11	20.6 (29.5) / 12	29.1 (41.4) / 10
IL6	Healthy group	3.07 (3.80) / 38	-	-	2.71 (1.91) / 36
	Hospital group	10.6 (25.3) / 9	8.57 (16.7) / 7	22.33 (51.83) / 7	3.83 (2.56) / 6
	Infection group	36.2 (57.2) / 15	3.60 (4.53) / 11	2.37 (3.24) / 12	1.68 (1.99) / 10
IL10	Healthy group	7.43 (5.51) / 38	-	-	7.08 (5.79) / 36
	Hospital group	22.10 (60.02) / 9	23.23 (59.15) / 7	30.83 (79.46) / 7	20.12 (48.45) / 6
	Infection group	7.15 (15.47) / 15	3.08 (7.95) / 11	0.59 (1.42) / 12	3.15 (8.35) / 10
TNFa	Healthy group	7.29 (6.23) / 38	-	-	10.88 (9.71) / 36
	Hospital group	3.46 (3.39) / 9	4.00 (3.47) / 7	3.37 (2.72) / 7	2.62 (2.10) / 6
	Infection group	34.21 (39.73) / 15	29.67 (37.33) / 11	18.83 (26.63) / 12	21.92 (32.70) / 10

Table S4. Percentage of patients in the three groups with an abnormal inflammatory marker's values throughout the six-week period.

		Week 0	Week 1	Week 2	Week 6
CRP	Healthy group	5.26% (2/38)	-	-	2.78% (1/36)
	Hospital group	45.45% (5/11)	20% (1/5)	42.86% (3/7)	16.67% (1/6)
	Infection group	92.31% (12/13)	30% (3/10)	30% (3/10)	10% (1/10)
IL1	Healthy group	0% (0/38)	-	-	0% (0/36)
	Hospital group	0% (0/9)	0% (0/7)	0% (0/7)	0% (0/6)
	Infection group	0% (0/15)	0% (0/11)	0% (0/12)	0% (0/10)
IL4	Healthy group	0% (0/38)	-	-	0% (0/36)
	Hospital group	11.11% (1/9)	14.29% (1/7)	0% (0/7)	0% (0/6)
	Infection group	26.67% (4/15)	36.36% (4/11)	25% (3/12)	40% (4/10)
IL6	Healthy group	26.32% (10/38)	-	-	27.78% (10/36)
	Hospital group	33.33% (3/9)	28.57% (2/7)	28.57% (2/7)	33.33% (2/6)
	Infection group	80% (12/15)	36.36% (4/11)	25% (3/12)	20% (2/10)
IL10	Healthy group	50% (19/38)	-	-	38.89% (14/36)
	Hospital group	22.22% (2/9)	14.29% (1/7)	14.29% (1/7)	16.67% (1/6)
	Infection group	13.33% (2/15)	9.09% (1/11)	0% (0/12)	10% (1/10)
TNFa	Healthy group	13.16% (5/38)	-	-	16.67% (6/36)
	Hospital group	0% (0/9)	0% (0/7)	28.57% (2/7)	0% (0/6)
	Infection group	40% (6/15)	36.36% (4/11)	75% (9/12)	40% (4/10)