

## Supplementary Materials

**Supplementary Table 1: Mean±SD values of serum NO<sub>x</sub> and NO<sub>2</sub><sup>-</sup> in the study group at different disease stages and at different days of fever upon admission.**

Category	N	NOx (μM) Mean±SD		NO <sub>2</sub> <sup>-</sup> (μM) Mean±SD		
DFA	145	4.95 ±1.32		1.29 ± 0.64		
DFD	82	4.86 ± 1.22		1.26 ± 0.56		
DF-CON	10	4.71 ± 1.11		0.88 ± 0.42		
DHFA	74	4.04 ± 1.12		1.37 ± 0.87		
DHFC	53	4.12 ± 1.23		1.65 ± 1.47		
DHFD	50	4.16 ± 1.18		1.24 ± 0.71		
DHF-CON	12	4.08 ± 1.32		0.84 ± 0.41		
HC	77	3.29 ± 0.68		0.56 ± 0.28		
Days of fever	Number of Patientes		NOx (μM)		NO <sub>2</sub> <sup>-</sup> (μM)	
	DF	DHF	DFA	DHFA	DFA	DHFA
Day 2	11	3	4.85 ± 1.42	3.78 ± 0.64	1.37 ± 0.32	0.95 ± 0.27
Day 3	33	23	5.16 ± 1.05	3.67 ± 0.69	1.48 ± 0.52	0.86 ± 0.50
Day 4	47	21	5.46 ± 2.07	4.29 ± 1.38	1.49 ± 1.01	1.53 ± 0.80
Day 5	31	18	4.59 ± 1.34	4.30 ± 1.47	1.02 ± 0.52	1.57 ± 0.81
Day 6	15	6	4.75 ± 0.73	5.08 ± 1.54	1.74 ± 0.62	1.57 ± 1.16
Day 7	8	3	4.47 ± 0.95	4.21± 1.08	0.99 ± 0.82	0.92 ± 0.55

**Supplementary Table 2: Association between NOx levels and clinical parameters of DF and DHF patients (Pearson correlation)**

Clinical parameters	DF		DHF	
	significance	r -value	significance	r- value
Pulse rate (beats/min)	0.323	0.233	0.552	0.155
Pulse pressure (mmHg)	0.428	0.182	0.178	0.180
Respiratory rate (breaths/min)	0.840	0.050	0.227	-0.279
Platlet count ( $10^3/\text{mm}^3$ )	0.627	-0.119	0.527	-0.160
Hematocrit (%)	0.354	0.189	0.185	-0.249
Leukocyte count ( $\times 1,000$ )	0.496	0.189	0.251	-0.216
Alanineaminotransferase (ALT)(U/L)	0.167	0.279	0.361	0.173
Aspartateaminotransferase (AST)(U/L)	0.586	0.133	0.738	0.070