

**Table S1** Increase rate of total patients' circulating markers measured at T0 (before surgery)

Markers	Reference range	Increase rates (%)	
		Non-increased	Increased
Histone DNA complex (ng/mL)	12.00–239.00	92/97 (94.85)	5/97 (5.15)
Cell free dsDNA (ng/mL)	63.81–95.86	78/97 (80.41)	19/97 (19.59)
Neutrophil elastase (ng/mL)	10.51–264.57	97/97 (100.00)	0/97 (0.00)
Prekallikrein (ng/mL)	0.00–14.19	65/97 (67.01)	32/97 (32.99)
HMWK (ng/mL)	1.03–7.06	52/97 (53.61)	45/97 (46.39)
FXIIa (U/l)	15.94–36.94	67/97 (69.07)	30/97 (30.93)

The increase rates represent the percentage of total patients who showed increased circulating levels of the neutrophil extracellular traps and contact system measured before surgery (T0) in terms of reference range. Data is shown as number with percentile. dsDNA, double stranded DNA; HMWK, high molecular weight kininogen; FXIIa, activated factor XII.