

Supplementary tables

Table SI. Analysis of platelet-related parameters between survivors and non-survivors.

Parameter	Admission vs. treatment endpoint				Survivors vs. non-survivors			
	Survivors		Non-survivors		Admission		Treatment endpoint	
	t-value ^a	P-value	t-value ^a	P-value	t-value ^b	P-value	t-value ^b	P-value
Platelet activation (CD62P-PE)	2.281	0.039	-3.564	0.003	1.571	0.127	-2.311	0.028
$\Delta\Psi_m$ (Mmp-Index)	-2.294	0.038	4.813	0.000	0.715	0.480	4.406	0.000
Apoptosis (Annexin V-APC)	3.254	0.006	-2.630	0.019	-1.790	0.084	-3.632	0.001
TWEAK, pg/ml	-0.613	0.550	-1.568	0.138	-0.321	0.750	-1.057	0.299
Ang-2, ng/ml	3.165	0.007	-3.342	0.004	-2.464	0.020	-4.509	0.000

^aPaired samples t test; ^bindependent samples t test. Mmp, mitochondrial membrane potential; TWEAK, tumor necrosis factor-like weak inducer of apoptosis; Ang-2, angiotensin-2; APC, allophycocyanin; PE, phycoerythrin.

Table SII. Repeated measures of platelet-related parameters between groups (non-survivors vs. survivors).

Source	Clinical outcome					Sample extraction time					Interaction between clinical outcome and sample extraction time				
	Type III sum of squares	df	MS	F-value	P-value	Type III sum of squares	df	MS	F-value	P-value	Type III sum of squares	df	MS	F-value	P-value
Activation (CD 62P-PE)	116217.667	1.00	116217.667	0.205	0.654	170027.522	1.00	170027.522	1.062	0.311	2751552.039	1.00	2751552.039	17.188	<0.0001
$\Delta\Psi$ (Mmp-Index)	17.339	1.00	17.339	6.848	0.014	0.934	1.00	0.934	2.782	0.106	8.350	1.00	8.350	24.855	<0.0001
Apoptosis (Annexin V-APC)	238139.924	1.00	238139.924	10.727	0.003	34050.096	1.00	34050.096	4.654	0.039	61531.392	1.00	61531.392	8.410	0.0070

TW	1037	1.	1037	0.8	0.	1444	1.	1444	2.	0.	5610.	1.	5610.	1.0	0.3
EA	7.90	00	7.90	58	36	2.60	00	2.60	66	11	932	00	932	36	170
K, pg/ ml	0	0	0		2	1	0	1	8	3		0			
Ang	546.	1.	546.	13.	0.	0.42	1.	0.42	0.	0.	61.95	1.	61.95	21.	<0.
-2, ng/ ml	284	00	284	37	00	8	00	8	14	70	3	00	3	05	000
		0		4	1		0		5	6		0		5	1

Mmp, mitochondrial membrane potential; TWEAK, tumor necrosis factor-like weak inducer of apoptosis; Ang-2, angiopoietin-2; APC, allophycocyanin; PE, phycoerythrin; df, degree of freedom; MS, mean squares.

Table SIII. Analysis of platelet-related parameters between males and females.

Parameter	Admission vs. treatment endpoint				Male vs. female			
	Male		Female		Admission		Treatment endpoint	
	t-value ^a	P-value	t-value ^a	P-value	t-value ^b	P-value	t-value ^b	P-value
Platelet activation (CD62P-PE)	-1.297	0.211	-0.099	0.923	-0.501	0.620	0.159	0.875
$\Delta\Psi_m$ (Mmp-Index)	0.465	0.647	1.552	0.149	-0.892	0.380	-0.019	0.985
Apoptosis (Annexin V-APC)	-2.340	0.031	-0.338	0.741	0.492	0.626	1.226	0.230
TWEAK, pg/ml	-0.731	0.474	-1.593	0.139	0.042	0.967	-0.924	0.363
Ang-2, ng/ml	-0.308	0.762	1.591	0.140	1.303	0.203	1.303	0.203

^aPaired samples t test; ^bindependent samples t test. Mmp, mitochondrial membrane potential; TWEAK, tumor necrosis factor-like weak inducer of apoptosis; Ang-2, angiopoietin-2; APC, allophycocyanin; PE, phycoerythrin.

Table SIV. Repeated measures of platelet-related parameters between group factor (male vs. female).

Source	Sex					Sample extraction time					Interaction between sex and sample extraction time				
	Type III sum of squares	df	MS	F-value	P-value	Type III sum of squares	df	MS	F-value	P-value	Type III sum of squares	df	MS	F-value	P-value
Activation (CD 62P-PE)	20624.609	1.000	20624.609	0.036	0.850	150492.014	1.000	150492.014	0.597	0.446	85753.069	1.000	85753.069	0.340	0.564
$\Delta\Psi$ (Mmp-Index)	0.656	1.000	0.656	0.211	0.649	1.457	1.000	1.457	2.415	0.131	0.595	1.000	0.595	0.986	0.329
Apoposis (Annexin V-APC)	32669.361	1.000	32669.361	1.116	0.300	26399.353	1.000	26399.353	2.930	0.098	12429.619	1.000	12429.619	1.380	0.250
TW	5747	1.000	5747	0.000	0.999	1888	1.000	1888	3.000	0.083	6296	1.000	6296	1.000	0.999

EAK , pg/m l	.292 00 0	.292 46 9	49 9	0.797 00 0	0.797 50 3	07 1	.503 00 0	.503 16 8	28 9			
Ang- 2, ng/m l	92.1 50 0	1. 00 0	92.1 50 1	1. 63 2	0. 21	0.650 1. 00 0	0.650 0. 13 1	0. 0. 72 0	3.39 1. 00 0	3.39 1 1	0. 68 3	0. 41 5

Mmp, mitochondrial membrane potential; TWEAK, tumor necrosis factor-like weak inducer of apoptosis; Ang-2, angiopoietin-2; APC, allophycocyanin; PE, phycoerythrin; df, degree of freedom; MS, mean squares.