SUPPLEMENTARY MATERIALS

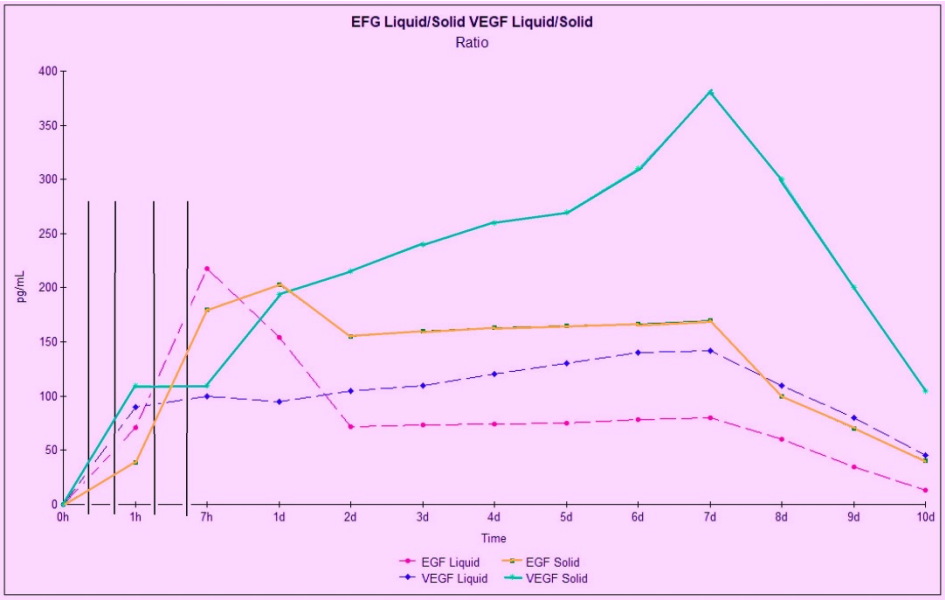
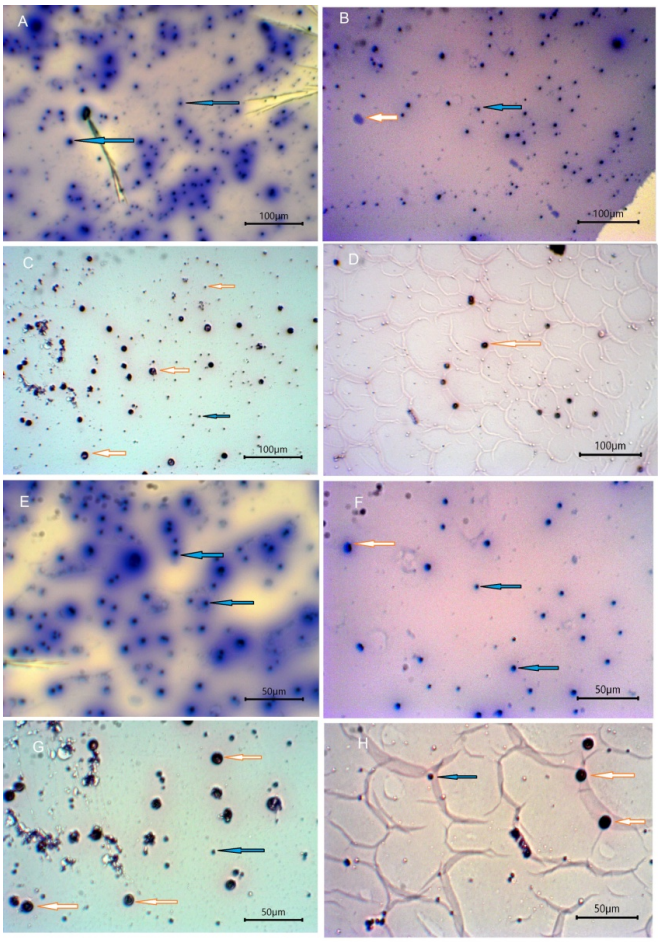


Figure S1. Relationship between epidermal growth factor and vasoendothelial growth factor release between solid platelet-rich fibrin and liquid platelet-rich fibrin (from Zwittnig, modified 2022).[13]



Legend:

Granulocytes Neutrophils

Red blood cells

Platelets

Monocytes

Lynphocites

Figure S2. A) C-PRF liquid 2500 rpm x 8 min (Vacumed LF tube), col. Methylene blue, 10x enlargement. Almost exclusively platelets are highlighted, few leukocytes are present; B) C-PRF liquid 2500 rpm x 8 min (S-PRF Sticky tube) col. Methylene blue, 10x enlargement. Fewer platelets and leukocytes are visible compared to A; C) C-PRF liquid 2500 rpm x 8 min (Vacumed LF tube) col. May-Grŭnwald ingr. 10x, Leukocytes (some granulocytes and many lymphocytes) and many platelets are highlighted; D) C-PRF liquid 2500 rpm x 8 min (S-PRF Sticky tube) col. May-Grŭnwald ingr. 10x, There are many platelets, few lymphocytes; E) C-PRF liquid 2500 rpm x8 min (Vacumed LF tube) col.Methylene blue, 20x input. Some granulocytes and lymphocytes and many platelets are highlighted; F) C-PRF liquid 2500 rpm x 8 min (S-PRF Sticky tube) col. Methylene blue, 20x input, only few platelets are visible; G) C-PRF liquid 2500 rpm x 8 min (Vacumed LF tube) col. May-Grŭnwald, enlargement 20x, some granulocytes and lymphocytes and few platelets are highlighted; H) C-PRF liquid 2500 rpm x 8 min (S-PRF Sticky tube) col. May-Grŭnwald, 20x angle, very few platelets and few lymphocytes are

highlighted (A, B, C, D scale bar 100 µm); (E, F, G, H scale bar 50 µm). Advanced-PRF liquid 1300 rpm x 5 min was obtained in a Vacumed LF tube and in a S-PRF Sticky tube (RCFcoagulo=142 g; RCFmax=189 g; RCFmin=66 g) and a cellular presence was found highlighted with the staining Methylene blue and May-Grŭnwald in low power field (10×, 20×, 40× and 100× immersion inputs) in Figure 5 (A, B, C, D), (E, F, G, H) respectively, with the use of the S-PRF Sticky tube. A conformed fibrin network structure was not observed in any of the specimens examined. In the same figure 5 in E', F' and G' the cellular contents present in the squeezing liquid of A-PRF liquid coagulated in a Vacumed LF test tube at 37°C and compressed in a PRF Box for 2 minutes, colored with Blue Methylene and May-Grŭnwald, and few cellular elements are found except for the few platelets present.

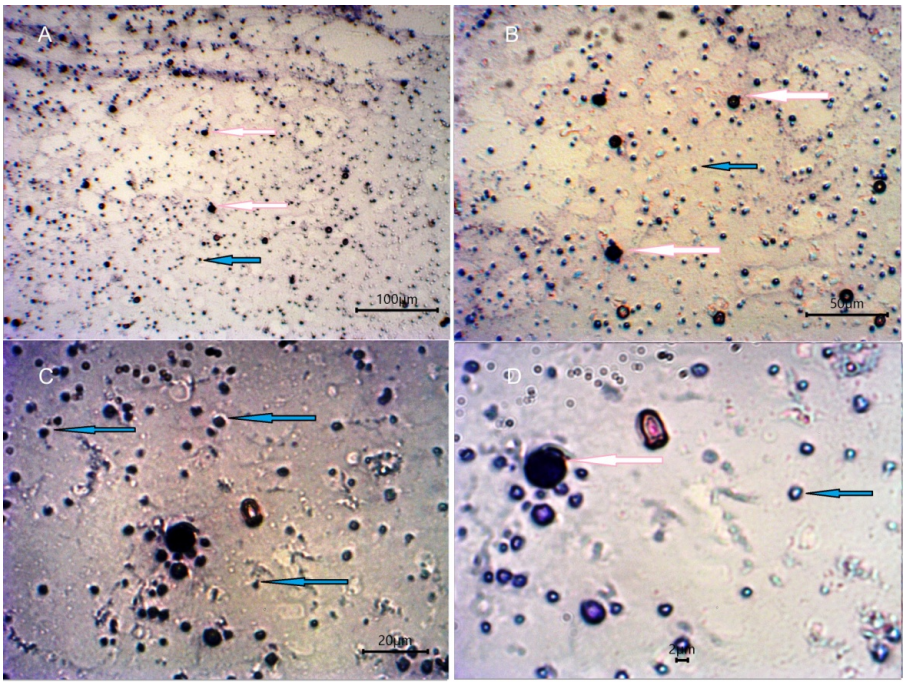


Figure S3. Comparison between A-PRF liquid 1300 rpm x 5' (Vacumed LF tube) mixed Toluidine Blue and May-Grŭnwald coloring. A) A-PRF liquid 1300 rpm x 5 min (Vacumed LF) 10 x intake, many platelets and many lymphocytes are highlighted (scale bar 100 µm); B) A-PRF liquid 1300 rpm x 5 min (Vacumed LF) 20 x intake, many platelets and many lymphocytes are highlighted (scale bar 50 µm); C) A-PRF liquid 1300 rpm x 5 min (Vacumed LF) input 40x, many Platelets and Lymphocytes are highlighted (scale bar 20 µm); D) A-PRF liquid 1300 rpm x 5 min (Vacumed LF) input 60x, a lymphocyte and many platelets are highlighted (scale bar 2 µm); in all images mixed color Toluidina Blue and May-Grŭnwald.

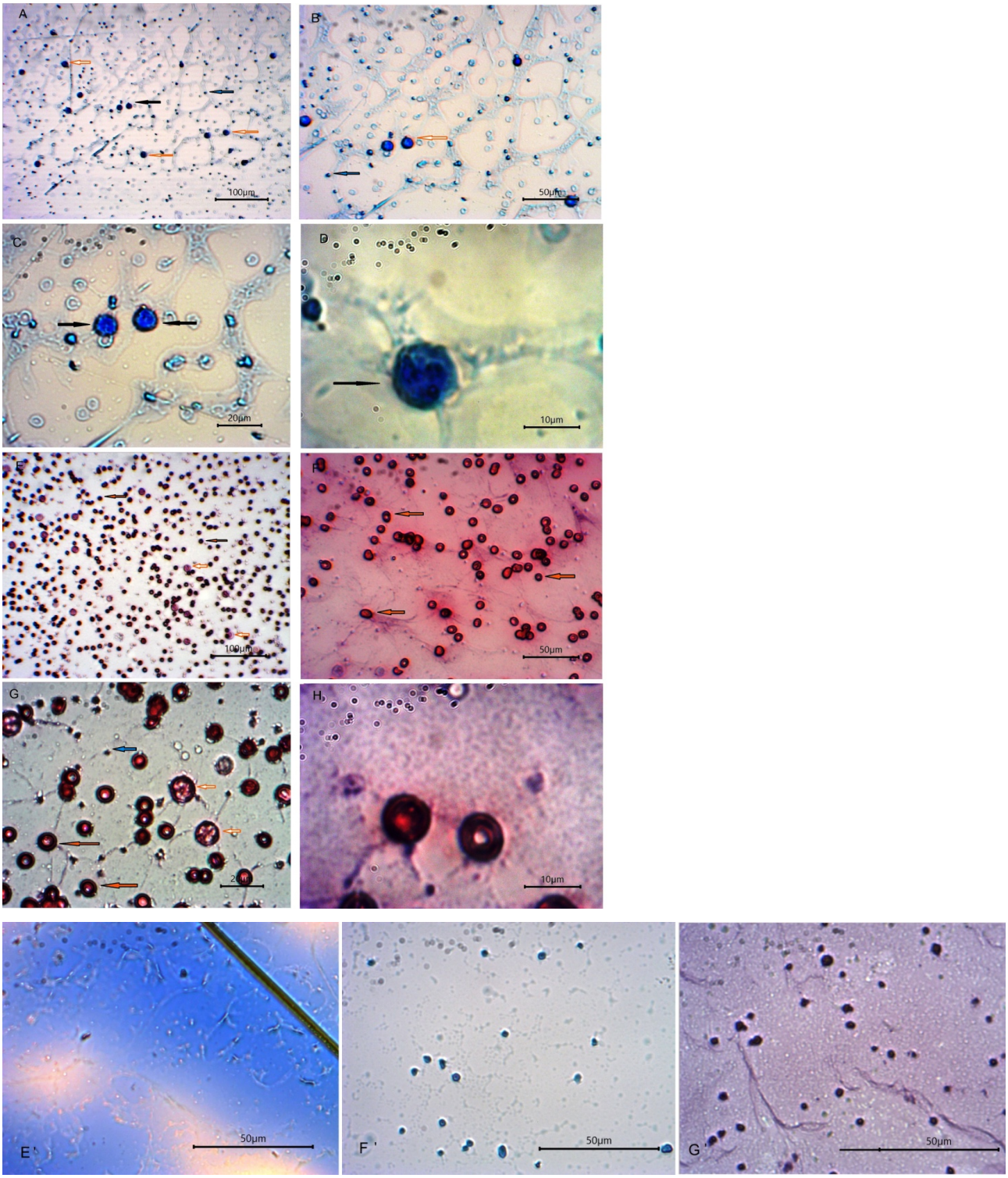


Figure S4. A) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) enlargement 10x, Many platelets and many lymphocytes are highlighted (Methylene blue)(scale bar 100 µm); B) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) ingr. 20x, many platelets and many lymphocytes are highlighted (Methylene blue) (scale bar 50 µm); C) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) input 40x, many platelets and neutrophil granulocytes are highlighted (Methylene Blue) (scale bar 20 µm); D) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky)

input 100x, a Neutrophil Granulocyte is highlighted (Methylene Blue) (scale bar 10 μm); E) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) ingr. 10x, many platelets, many erythrocytes and many lymphocytes are highlighted (May-Grŭnwald) (scale bar 100 μm); F) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) 20x input, many platelets and many erythrocytes are highlighted (methylene blue staining) (scale bar 50 μm); G) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) input 40x, many platelets, many erythrocytes and many lymphocytes are highlighted (May-Grŭnwald) (scale bar 20 μm); H) A-PRF liquid 1300 rpm x 5 min (Green S-PRF Sticky) input 100x immersion; Erythrocytes are highlighted (methylene blue staining) (scale bar 10 μm); E') A-PRF liquid 1300 rpm x 5 min (Vacumed LF) 40x intake, scarce lymphocytes are highlighted (methylene blue color) of the squeezing liquid; F') A-PRF liquid 1300 rpm x 5 min (Vacumed LF) 40x intake, many lymphocytes are highlighted (methylene blue colour); G') A-PRF liquid 1300 rpm x 5 min (Vacumed LF) input 60x, many platelets are highlighted (May-Grŭnwald staining) (in all images scale bar 50m).

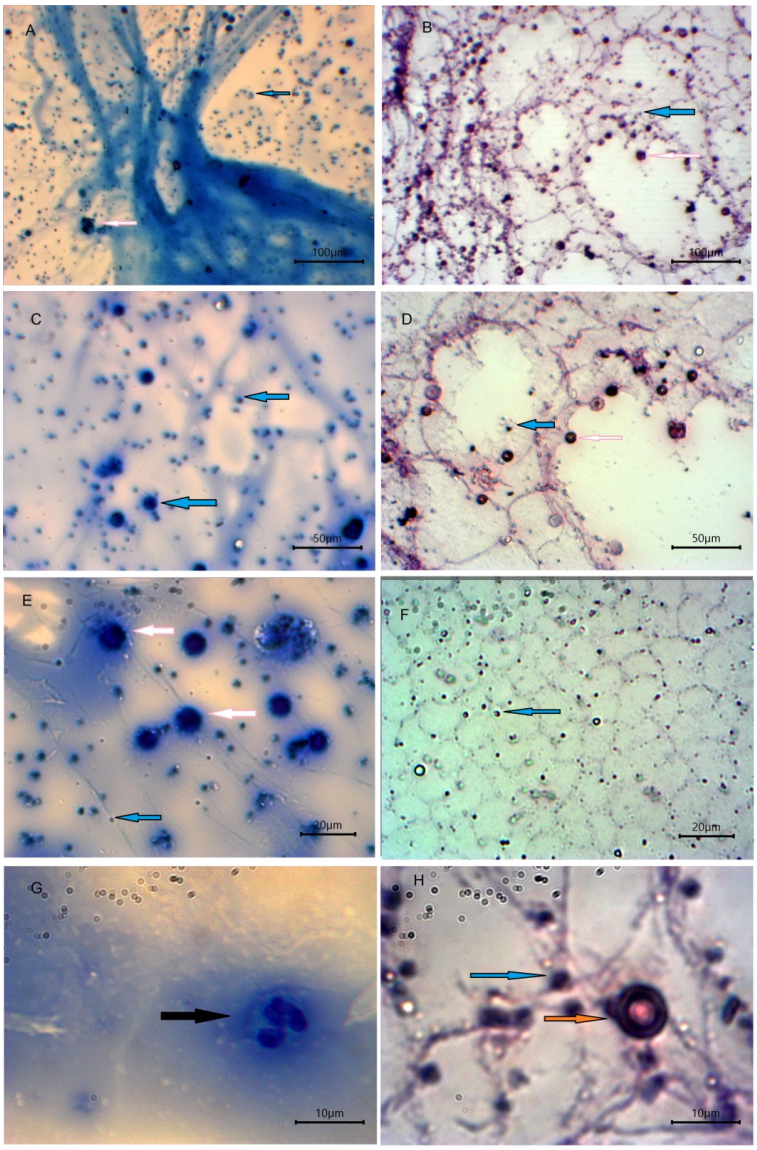


Figure S5. Comparison between i-PRF 700 rpm x 5' (Vacumed LF tube) Methylene Blue staining on the left and May-Grŭnwald on the right. A) i-PRF 700 rpm x 5 min (Vacumed LF tube) 10x input, many platelets and many lymphocytes are highlighted (methylene blue) (scale bar 100 µm); B) i-PRF 700 rpm x 5 min (Vacumed LF tube) 10x input, many platelets and many lymphocytes are highlighted (May-Grŭnwald) (scale bar 100 µm); C) i-PRF 700 rpm x 5 min (Vacumed LF) 20x input, many platelets and neutrophil granulocytes are highlighted (Methylene Blue) (scale bar 50 µm); D) i-PRF 700 rpm x 5 min (Vacumed LF) input 20x, lymphocytes (May-Grŭnwald) (scale bar 50 µm) and many platelets are highlighted; E) i-PRF 700 rpm x 5 min (Vacumed LF) 40x input, many platelets and many lymphocytes are highlighted (methylene blue) (scale bar 20 µm); F) i-PRF 700 rpm x 5 min (Vacumed LF) 40x input, many platelets and few erythrocytes are highlighted (May-Grŭnwald staining) (scale bar 20 µm); G) i-PRF 700 rpm x 5 min (Vacumed LF) input 60x, a neutrophil granulocyte (Methylene Blue) is highlighted (scale bar 10 µm); H) i-PRF 700 rpm x 5 min (Vacumed LF)

input 60x; an erythrocyte and many platelets are highlighted (May-Grŭnwald staining) (scale bar 10 µm).

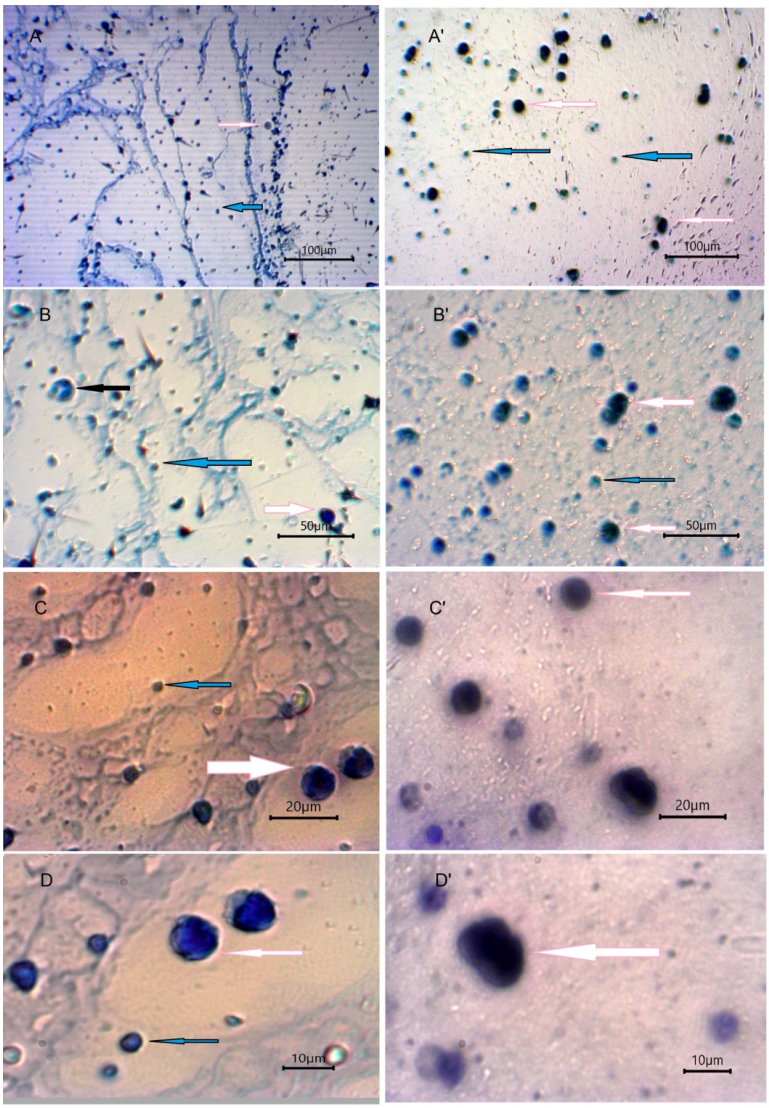


Figure S6. Comparison between i-PRF 700 rpm x 5' (Green S-PRF Sticky) Methylene Blue coloring on the left and May-Grŭnwald on the right. A) i-PRF 700 rpm x 5 min (Green S-PRF Sticky tube) 10x enlargement, many platelets and many lymphocytes are highlighted (methylene blue) (scale bar 100 µm); A') i-PRF 700 rpm x 5 min (Green S-PRF Sticky tube) 10x input, many platelets and many lymphocytes are highlighted (May-Grŭnwald) (scale bar 100 µm); B) i-PRF 700 rpm x 5 min (Green S-PRF Sticky) 20x angle, many platelets and lymphocytes and a neutrophil granulocyte (Methylene Blue) are highlighted (scale bar 50 m); B') i-PRF 700 rpm x 5 min (Green S-PRF Sticky) input 20x, Lymphocytes (May-Grŭnwald) (scale bar 50 µm) and many platelets are highlighted; C) i-PRF 700 rpm x 5 min (Green S-PRF Sticky) 40x angle, many platelets and many lymphocytes are highlighted (Methylene Blue)

(scale bar 20 µm); C') i-PRF 700 rpm x 5 min (Green S-PRF Sticky) 40x angle, many platelets and lymphocytes are highlighted (May-Grŭnwald staining) (scale bar 20 µm); D) i-PRF 700 rpm x 5 min (Green S-PRF Sticky) 60x angle, Lymphocytes and many platelets are highlighted (Methylene blue) (scale bar 10 µm); D') i-PRF 700 rpm x 5 min (Green S-PRF Sticky) input 60x; a lymphocyte and many platelets are highlighted (May-Grŭnwald staining) (scale bar 10 µm).

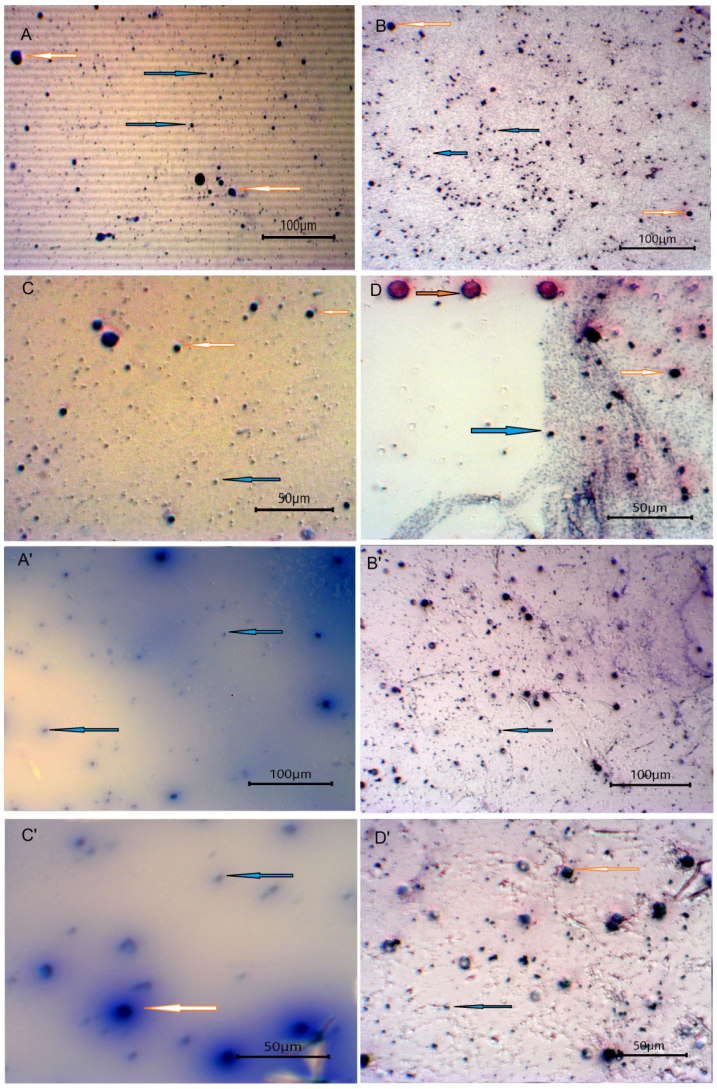


Figure S7. Comparison between i-PRF 3300 rpm x 3' (Vacumed LF and Green S-PRF Sticky) Methylene Blue coloring on the left and May-Grŭnwald on the right. A) i-PRF 3300 rpm x 3 min (Vacumed LF tube) 10x input, many platelets and many lymphocytes are highlighted (methylene blue)(scale bar 100 µm); B) i-PRF 3300 rpm x 3 min (Vacumed LF tube) 10x input, many platelets and many lymphocytes are highlighted (May-Grŭnwald)(scale bar 100 µm); C) i-PRF 3300 rpm x 3 min (Vacumed LF) 20x input, many Platelets and many Lymphocytes are

highlighted (Methylene Blue) (scale bar 50 µm); D) i-PRF 3300 rpm x 3 min (Vacumed LF) input 20x, Lymphocytes (May-Grŭnwald) (scale bar 50 µm), Erythrocytes and many platelets are highlighted; A') i-PRF 3300 rpm x 3 min (Green S-PRF Sticky) 10 x angle, many platelets and few lymphocytes are highlighted (Methylene Blue) (scale bar 100 µm); B') i-PRF 3300 rpm x 3 min (Green S-PRF Sticky) 10x angle, many platelets and many lymphocytes are highlighted (May-Grŭnwald staining) (scale bar 100 µm); C') i-PRF 3300 rpm x 3 min (Green S-PRF Sticky) 20 x angle, Lymphocytes and many platelets are highlighted (Methylene blue) (scale bar 50 µm); D') i-PRF 3300 rpm x 3 min (Green S-PRF Sticky) input 20x; Many lymphocytes and many platelets are highlighted (May-Grŭnwald staining) (scale bar 50 µm);

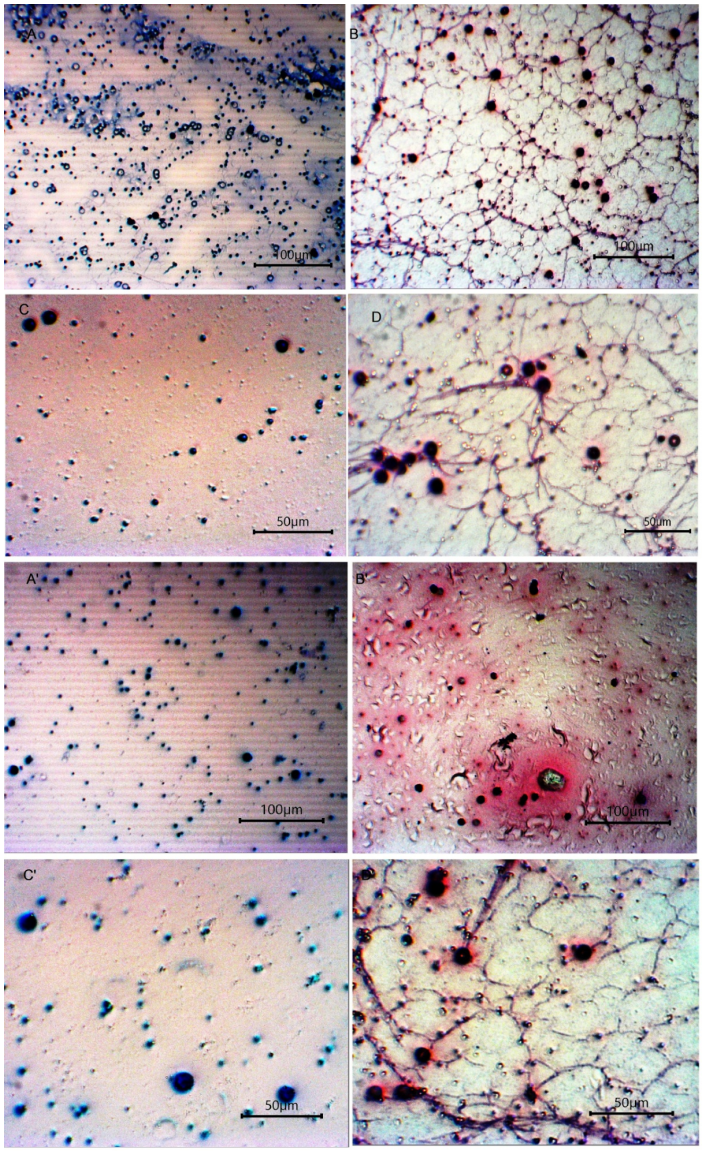


Figure S8. Comparison of Liquid Fibrinogen 2700 rpm x 3' (Vacumed LF and Green S-PRF Sticky) Methylene Blue staining on the left and May-Grŭnwald on the right. A) Liquid fibrinogen 2700 rpm x 3' (Vacumed LF tube) ingr. 10x, Many platelets and many lymphocytes (Methylene Blue) (scale bar 100 μm) are highlighted; B) liquid fibrinogen 2700 rpm x 3' (Vacumed LF tube) ingr. 10x, Many platelets and many lymphocytes with fibrin filaments (May-Grŭnwald) (scale bar 100 μm) are shown; C) Liquid Fibrinogen 2700 rpm x 3' (Vacumed LF tube) ingr. 20x, Many Platelets and Lymphocytes (Methylene Blue) (scale bar 50 μm) are evidenced; D) liquid fibrinogen 2700 rpm x 3' (Vacumed LF) ingr. 20x, Lymphocytes (May-Grŭnwald) (scale bar 50 μm), Erythrocytes and many platelets are evidenced; A') Liquid Fibrinogen 2700 rpm x 3' (Green S-PRF Sticky) ingr. 10x, many platelets and lymphocytes are shown (Methylene Blue) (scale bar 100 μm); B') liquid fibrinogen 2700 rpm x 3' (Green S-PRF Sticky) ingr. 10x, many platelets and many lymphocytes are shown (May-Grŭnwald staining) (scale bar 100 μm); C') Liquid Fibrinogen 2700 rpm x 3' (Green S-PRF Sticky) ingr. 20x, Lymphocytes and many platelets (Methylene Blue) (scale bar 50 μm) are shown; D') liquid fibrinogen 2700 rpm x 3' (Green S-PRF Sticky) ingr. 2 x; many lymphocytes and many platelets with fibrin filaments (May-Grŭnwald staining) (scale bar 50 μm) are shown.

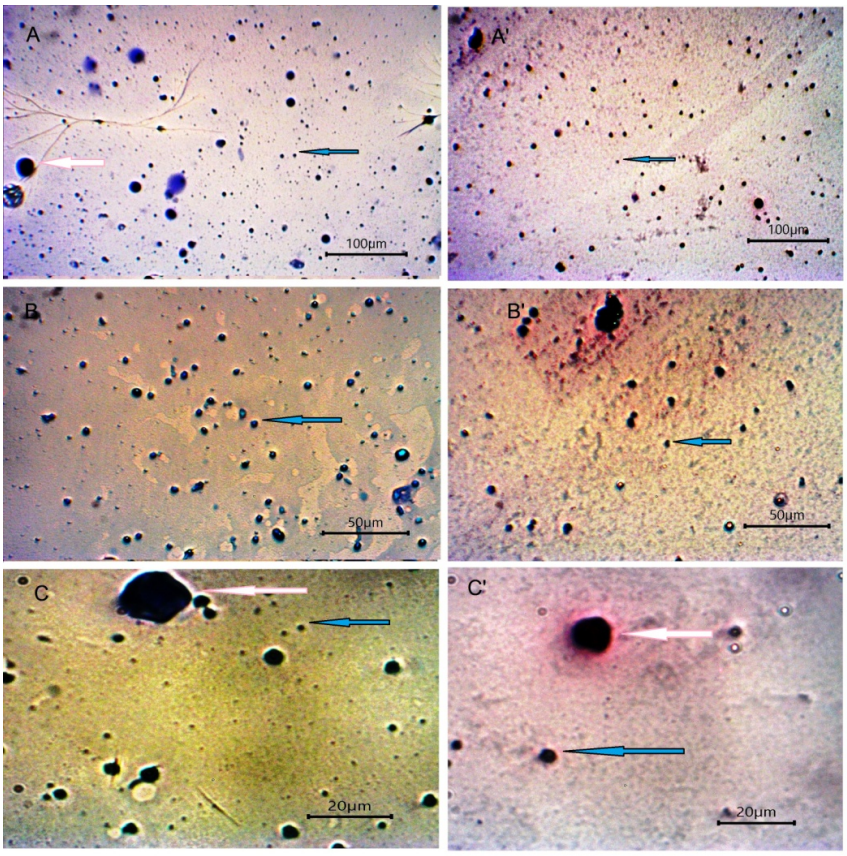


Figure S9. PRP 2200 x 20 min (PRP BioReb Gel); A, B, C Methylene Blue staining; A', B', C' May-Grŭnwald staining; A, A' Ingr. 10× (scale bar 100 μm); B, B' Ingr. 20× (scale bar 50 μm); C, C' Ingr. 40× (scale bar 10 μm).

Table S1. Comparison between fibrinogen values and cells in C-platelet-rich fibrin liquid 2500 x 8' in Vacumed liquid fibrinogen tube and whole blood.

Type	C-PRF liquid Vacumed LF (2500 rpm x 8 min)			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average ±D.S.	Standard Error	Median	Average ±D.S.	Standard Error	Median			
Monocytes K/µL	0.013±0.035	0.009	0.0	0.49±0.19	0.05	0.50	0.000*	0.000*	2.70
PLT K/µL	46.1±37.5	9.68	37.0	219.9±42.0	10.86	218.0	0.000*	0.000*	20.98
Neutr.Gran.%	14.87±20.58	5.31	0.0	62.9±6.5	1.67	60.4	0.000*	0.000*	23.60
Lynphocites %	26.96±32.8	8.48	0.0	27.5±5.5	1.42	27.2	0.094	0.361	97.85
Fibrinogen mg/dl	374.8±155.4	40.1	351.0	425.1±116.8	30.1	401.0	0.247	0.419	88.17

*statistically significant difference. PLT, platelets; C-PRF, concentrated-platelet-rich fibrin; LF, liquid fibrinogen.

Table S2. Comparison between fibrinogen and cell values in C-platelet-rich fibrin liquid 2500 x 8' in S-platelet-rich fibrin Sticky tube and whole blood.

Type	C-PRF Liquid S-PRF Sticky (2500 rpm x 8 min)	Blood		Test U of	Content %

	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median	t-test of Student	Mann-Whitney	
Monocytes K/µL	0.04±0.13	0.04	0.0	0.41±0.17	0.055	0.35	0.000*	0.000*	9.76
PLT K/µL	68.0±44.8	14.18	58.0	193.1±39.9	12.62	195.0	0.000*	0.000*	35.21
Neutr.Gran.%	5.78±12.1	3.82	0.0	63.4±7.5	2.36	62.9	0.000*	0.000*	9.12
Lynphocites %	19.1±30.7	9.72	0.0	28.8±4.4	1.39	28.5	0.366	0.140	66.17
Fibrinogen mg/dl	228.5±252.3	79.8	164.0	533.9±150.8	47.7	504.5	0.008*	0.009*	42.8

*statistically significant difference. PLT, platelets; C-PRF, concentrated-platelet-rich fibrin; S-PRF Sticky tube.

Table S3. Comparison between fibrinogen and cell values in A-platelet-rich fibrin liquid 1300 x 5' in S-platelet-rich fibrin Sticky tube and whole blood.

Type	A-PRF Liquid S-PRF Sticky (1300 rpm x 5 min)			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.10±0.15	0.047	0.0	0.30±0.12	0.039	0.30	0.001*	0.012*	33.33

PLT K/µL	198.8±116.3	36.77	198.5	203.4±58.1	18.37	205.0	0.901	0.910	97.74
Neutr.Gran.%	37.06±12.6	3.99	37.4	68.7±8.0	2.53	67.6	0.000*	0.000*	53.97
Lynphocites %	50.45±13.8	4.36	43.5	26.1±6.4	2.02	27.5	0.000*	0.000*	193.10
Fibrinogen mg/dl	283.1±136.5	43.2	336.0	323.4±85.2	26.9	323.5	0.278	0.597	87.54

*statistically significant difference. PLT, platelets; A-PRF, advanced-platelet-rich fibrin; S-PRF Sticky tube.

Table S4. Comparison between fibrinogen and cell values in A-platelet-rich fibrinl liquid 1300 x 5' in Vacumed liquid fibrinogen tube and whole blood.

Type	A-PRF Liquid Vacumed LF (1300 rpm x 5 min)			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.19±0.22	0.058	0.2	0.34±0.19	0.051	0.30	0.049*	0.007*	54.90
PLT K/µL	226.5±112.4	29.03	239.0	195.9±49.5	12.79	182.0	0.331	0.221	115.58
Neutr.Gran.%	37.06±12.6	3.99	37.4	69.6±7.3	1.88	68.1	0.000*	0.000*	47.12
Lynphocites %	44.97±23.5	6.08	48.8	24.7±6.6	1.704	27.7	0.001*	0.002*	182.32

Fibrinogen mg/dl	320.5±133.2	34.4	332.0	364.1±98.3	25.4	323.5	0.295	0.384	88.01

*statistically significant difference. A-PRF, advanced platelet-rich fibrin; PLT, platelets.

Table S5. Comparison between fibrinogen and cell values in i-PRF liquid 700 x 5' in S-platelet-rich fibrin Sticky tube and whole blood.

Type	i-PRF S-PRF Sticky (700 rpm x 5 min)			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.44±0.28	0.089	0.40	0.520±0.17	0.053	0.55	0.466	0.344	84.62
PLT K/µL	249.1±153.3	48.47	234.5	227.5±95.5	30.19	206.5	0.427	0.678	109.49
Neutr.Gran.%	42.54±11.2	3.54	43.1	65.6±22.6	7.14	70.1	0.008*	0.004*	64.84
Lynphocites %	51.41±9.9	3.29	50.0	21.2±9.97	3.33	20.3	0.000*	0.000*	242.12
Fibrinogen mg/dl	373.3±263.4	83.3	330.0	427.6±200.2	63.3	369.0	0.279	0.385	87.3

*statistically significant difference. i-PRF, injectable-platelet-rich fibrin; S-PRF Sticky tube; PLT, platelets.

Table S6. Comparison between fibrinogen and cell values in i-platelet-rich fibrin liquid 700 x 5' in Vacumed liquid fibrinogen tube and whole blood.

Type	i-PRF Vacumed LF (700 rpm x 5 min)			Blood			*t-test* of Student	Test *U* of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Averaga±D.S.	Standard Error	Median			
Monocytes K/µL	0.49±0.23	0.060	0.60	0.387±0.20	0.052	0.30	0.088	0.206	127.59
PLT K/µL	247.4±130.8	33.78	253.0	195.9±72.9	18.83	180.0	0.070	0.290	126.27
Neutr.Gran.%	45.65±10.9	2.80	44.8	70.6±6.4	1.65	71.0	0.000*	0.000*	64.63
Lynphocites %	44.94±10.8	2.78	46.3	23.3±7.8	2.01	21.4	0.006*	0.000*	192.99
Fibrinogen mg/dl	300.3±218.4	72.8	330.0	441.9±152.3	50.8	387.0	0.107	0.158	67.97

*statistically significant difference. i-PRF, injectable-platelet-rich fibrin; LF, liquid fibrinogen; PLT, platelets.

Table S7. Comparison between fibrinogen and cell values in i-platelet-rich fibrin liquid 3300 x 3' in S-platelet-rich fibrin Sticky tube and whole blood.

Type	i-PRF S-PRF Sticky (3300 rpm x 3 min)			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			

Monocytes K/µL	0.03±0.067	0.021	0.00	0.330±0.095	0.030	0.30	0.000*	0.000*	9.09
PLT K/µL	100.7±55.2	17.47	99.0	186.4±36.7	11.60	187.0	0.000*	0.003*	54.02
Neutr.Gran.%	10.90±13.4	4.25	5.5	68.8±10.2	3.23	70.10	0.000*	0.000*	15.87
Lynphocites %	31.80±34.3	10.85	25.0	23.5±8.44	2.67	21.55	0.466	0.970	135.43
Fibrinogen mg/dl	457.4±134.5	42.52	402.0	468.6±103.7	32.8	430.5	0.837	0.364	97.6

*statistically significant difference. i-PRF, injectable-platelet-rich fibrin; S-PRF Sticky tube; PLT, platelets.

Table S8. Comparison between fibrinogen and cell values in i-platelet-rich fibrin liquid 3300 x 3' in Vacumed liquid fibrinogen tube and whole blood.

Type	i-PRF Vacumed LF (3300 rpm x 3 min)			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.05±0.1	0.027	0.0	0.39±0.15	0.038	0.40	0.000*	0.000*	13.56
PLT K/µL	79.9±67.8	17.5	56.0	188.0±36.1	9.32	191.0	0.000*	0.000*	42.52
Neutr.Gran.%	13.3±14.6	3.76	10.0	66.2±78.0	3.04	69.0	0.015*	0.000*	20.10

Lynphocites %	51.2±34.7	8.96	60.0	25.6±11.3	2.92	22.1	0.011*	0.038*	200.37
Fibrinogen mg/dl	358.3±184.3	47.6	351.0	456.0±122.8	31.7	416.0	0.099	0.147	84.44

*statistically significant difference. i-PRF, injectable-platelet-rich fibrin; PLT, platelets; LF, liquid fibrinogen.

Table S9. Comparison between fibrinogen values and cells in fibrinogen liquid 2700 x 3' in S-platelet-rich fibrin Sticky tube and whole blood.

Type	Fibrinogen liquid Sticky (2700 rpm x 3')			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.15±0.31	0.097	0.05	0.370±0.177	0.055	0.30	0.067	0.004*	40.54
PLT K/µL	114.1±52.2	16.5	100.0	202.2±44.7	14.14	192.0	0.000*	0.005*	56.43
Neutr.Gran.%	22.70±22.0	6.95	15.0	70.38±4.2	1.33	70.50	0.000*	0.000*	32.25
Lynphocites %	48.40±31.9	10.12	59.0	22.5±3.49	1.10	23.60	0.020*	0.034*	215.02
Fibrinogen mg/dl	192.9±222.4	70.32	99.0	397.3±136.7	43.2	369.0	0.023*	0.031*	47.36

*statistically significant difference. PLT, platelets.

Table S10. Comparison of fibrinogen and cell values in fibrinogen liquid 2700 x 3' in Vacumed liquid fibrinogen tube and whole blood.

Type	Fibrinogen liquid Vacumed LF (2700 rpm x 3')			Blood			t-test of Student	Test U of Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.04±0.063	0.016	0.00	0.319±0.147	0.052	0.30	0.000*	0.000*	12.55
PLT K/µL	105.1±74.8	18.7	196.0	202.2±37.1	9.28	216.0	0.000*	0.000*	51.47
Neutr.Gran.%	20.79±22.4	5.6	14.0	65.8±8.6	2.15	68.50	0.000*	0.000*	31.61
Lynphocites %	61.5±26.5	7.0	71.20	27.1±8.14	2.0	23.85	0.000*	0.000*	227.19
Fibrinogen mg/dl	248.7±168.3	42.07	302.5	349.2±126.1	31.53	363.50	0.010*	0.022*	63.10

*statistically significant difference. PLT, platelets; LF, liquid fibrinogen.

Table S11. Comparison of fibrinogen and cell values in platelet rich plasma 2200 x 20 min in BioReb gel platelet rich plasma tube and with double centrifugation and whole blood.[7]

Type	PRP (PRP BioReb Gel (2200 rpm x 20 min)	Blood		Test U of	

	and dual centrifugation						t-test of Student	Mann-Whitney	Content %
	Average±D.S.	Standard Error	Median	Average±D.S.	Standard Error	Median			
Monocytes K/µL	0.0±0.0	0.0	0.0	0.33±0.11	0.028	0.3	0.000*	0.000*	0.0%
PLT K/µL	35.9±62,4	1.96	10.0	202.9±54.2	14.32	215.0	0.000*	0.000*	17.70%
Neutr.Gran.%	1.8±6,27	1.47	0.0	66.1±5.5	1.32	67.0	0.000*	0.000*	2.72%
Lynphocites %	12.9±30.3	4.40	0.0	28.0±5.3	1.38	26.8	0.000*	0.000*	46.1%
Fibrinogen mg/dl	120.9±120.9	49.3	0.0	417.4±125.3	32.98	374.0	0.001*	0.002*	29.0%

*statistically significant difference. PRP, platelet rich plasma; PLT, platelets.