

Table S1. Multiple regression analysis for association of EXTEM and INTEM clotting time and standard laboratory tests, also after adjustment for haemodilution ¹.

Blood sample (n=25)	EXTEM clotting time				
	PT	Fibrinogen	PLT	%Haemodilution	'p' for the model
Post-dilution_Optilyte	5.33±2.07 p=0.018	-0.09±0.05 p=0.1	-0.003±0.04 p=0.9	0.02±0.52 p=0.9	0.066
Post-dilution_Geloplasma	2.04±1.39 p=0.2	-0.02±0.04 p=0.5	0.008±0.03 p=0.8	-0.05±0.33 p=0.9	0.6
Blood sample (n=25)	INTEM clotting time				
	APPT	Fibrinogen	PLT	%Haemodilution	'p' for the model
Post-dilution_Optilyte	3.52±0.73 p=0.0001	-0.009±0.09 p=0.9	0.05±0.07 p=0.4	-0.29±0.79 p=0.7	0.002
Post-dilution_Geloplasma	3.73±0.77 p=0.0001	-0.08±0.12 p=0.5	-0.005±0.08 p=0.9	-1.11±0.90 p=0.2	0.0006

¹ Values are coefficients of regression ± standard deviations, and their 'p' values, N/A – not applicable. Abbreviations: EXTEM, extrinsic pathway ROTEM assay; INTEM, intrinsic pathway ROTEM assay; APTT, activated partial thromboplastin time; Fibrinogen, fibrinogen concentration; %Haemodilution, the degree of haemodilution; PLT, platelet count; PT, prothrombin time; post-dilution_Optilyte, correlation for coagulation tests values post crystalloid infusion; post-dilution_Geloplasma, correlation for coagulation tests values post colloid infusion.

Table S2. Multiple regression analysis for association of EXTEM and INTEM alpha angle and standard laboratory tests, also after adjustment for haemodilution ¹.

Blood sample (n=25)	EXTEM alpha angle			
	Fibrinogen	PLT	%Haemodilution	‘p’ for the model
Post-dilution_Optilyte	0.11±0.02 p<0.0001	0.04±0.01 p=0.005	-0.12±0.15 p=0.4	<0.0001
Post-dilution_Geloplasma	0.11±0.02 p=0.0002	0.05±0.02 p=0.02	0.22±0.20 p=0.3	0.0003
Blood sample (n=25)	INTEM alpha angle			
	Fibrinogen	PLT	%Haemodilution	‘p’ for the model
Post-dilution_Optilyte	0.03±0.01 p=0.011	0.03±0.01 p=0.004	-0.08±0.12 p=0.5	0.001
Post-dilution_Geloplasma	0.05±0.02 p=0.011	0.04±0.01 p=0.012	-0.05±0.16 p=0.8	0.005

¹ Values are coefficients of regression ± standard deviations, and their ‘p’ values, N/A – not applicable. Abbreviations: EXTEM, extrinsic pathway ROTEM assay; INTEM, intrinsic pathway ROTEM assay; Fibrinogen, fibrinogen concentration; %Haemodilution, the degree of haemodilution; PLT, platelet count; post-dilution_Optilyte, correlation for coagulation tests values post crystalloid infusion; post-dilution_Geloplasma, correlation for coagulation tests values post colloid infusion.

Table S3. Multiple regression analysis for association of EXTEM and INTEM clot formation time and standard laboratory tests, also after adjustment for haemodilution ¹.

Blood sample (n=25)	EXTEM clot formation time			
	Fibrinogen	PLT	%Haemodilution	'p' for the model
Post-dilution_Optilyte	-0.44±0.08 p<0.0001	-0.22±0.07 p=0.003	1.10±0.80 p=0.2	<0.0001
Post-dilution_Geloplasma	-0.55±0.13 p=0.0004	-0.28±0.10 p=0.012	-1.21±1.14 p=0.3	0.0004
Blood sample (n=25)	INTEM clot formation time			
	Fibrinogen	PLT	%Haemodilution	'p' for the model
Post-dilution_Optilyte	-0.20±0.06 p=0.004	-0.18±0.05 p=0.001	0.39±0.58 p=0.5	0.0003
Post-dilution_Geloplasma	-0.29±0.10 p=0.011	-0.23±0.08 p=0.008	0.38±0.89 p=0.7	0.003

¹ Values are coefficients of regression ± standard deviations, and their 'p' values, N/A – not applicable. Abbreviations: EXTEM, extrinsic pathway ROTEM assay; INTEM, intrinsic pathway ROTEM assay; Fibrinogen, fibrinogen concentration; %Haemodilution, the degree of haemodilution; PLT, platelet count; post-dilution_Optilyte, correlation for coagulation tests values post crystalloid infusion; post-dilution_Geloplasma, correlation for coagulation tests values post colloid infusion.

Table S4. Multiple regression analysis for association of EXTEM and INTEM 10th minute clot amplitude and standard laboratory tests, also after adjustment for haemodilution ¹.

Blood sample (n=25)	EXTEM amplitude 10min				
	Fibrinogen	PLT	D-dimers	%Haemodilution	'p' for the model
Post-dilution_Optilyte	0.13±0.02 p<0.0001	0.06±0.01 p=0.0003	-0.01±0.004 p=0.2	-0.04±0.17 p=0.8	<0.0001
Post-dilution_Geloplasma	0.12±0.02 p=0.0001	0.07±0.02 p=0.004	0.004±0.003 p=0.1	0.31±0.21 p=0.2	0.0002
Blood sample (n=25)	INTEM amplitude 10min				
	Fibrinogen	PLT	D-dimers	%Haemodilution	'p' for the model
Post-dilution_Optilyte	0.07±0.02 p=0.001	0.05±0.01 p=0.0005	-0.001±0.004 p=0.9	-0.03±0.15 p=0.8	0.0001
Post-dilution_Geloplasma	0.10±0.02 p=0.0001	0.07±0.02 p=0.003	0.005±0.003 p=0.1	0.05±0.17 p=0.8	0.0003

¹ Values are coefficients of regression ± standard deviations, and their 'p' values, N/A – not applicable. Abbreviations: EXTEM, extrinsic pathway ROTEM assay; INTEM, intrinsic pathway ROTEM assay; D-dimer concentration; Fibrinogen, fibrinogen concentration; %Haemodilution, the degree of haemodilution; PLT, platelet count; post-dilution_Optilyte, correlation for coagulation tests values post crystalloid infusion; post-dilution_Geloplasma, correlation for coagulation tests values post colloid infusion.

Table S5. Multiple regression analysis for association of EXTEM and INTEM maximum clot firmness and standard laboratory tests, also after adjustment for haemodilution ¹.

Blood sample (n=25)	EXTEM maximum clot firmness				
	Fibrinogen	PLT	D-dimers	%Haemodilution	'p' for the model
Post-dilution_Optilyte	0.11±0.02 p=0.0002	0.06±0.02 p=0.001	-0.004±0.005 p=0.5	-0.02±0.19 p=0.9	0.0001
Post-dilution_Geloplasma	0.10±0.02 p=0.0004	0.07±0.02 p=0.006	0.005±0.003 p=0.1	0.38±0.21 p=0.1	0.0009
Blood sample (n=25)	INTEM maximum clot firmness				
	Fibrinogen	PLT	D-dimers	%Haemodilution	'p' for the model
Post-dilution_Optilyte	0.08±0.02 p=0.0008	0.05±0.01 p=0.0008	-0.0003±0.005 p=0.9	-0.04±0.16 p=0.8	0.0001
Post-dilution_Geloplasma	0.09±0.02 p=0.0002	0.07±0.02 p=0.002	0.007±0.003 p=0.016	0.14±0.18 p=0.4	0.0005

¹ Values are coefficients of regression ± standard deviations, and their 'p' values, N/A – not applicable. Abbreviations: EXTEM, extrinsic pathway ROTEM assay; INTEM, intrinsic pathway ROTEM assay; D-dimer concentration; Fibrinogen, fibrinogen concentration; %Haemodilution, the degree of haemodilution; PLT, platelet count; post-dilution_Optilyte, correlation for coagulation tests values post crystalloid infusion; post-dilution_Geloplasma, correlation for coagulation tests values post colloid infusion.