

Supplementary Online Content

Table S1. Univariable regression model Ristocetin

Table S2. Multivariable regression model Ristocetin

This supplementary material has been provided by the authors to give readers additional information about their work.

Table S1: Univariable regression model Ristocetin

Variable	Comparison	Effect	lower CL	upper CL	p-value
<i>Time</i>	Overall Trend Test	26.969	22.954	30.984	<0.001
	pre vs. post 2h	-85.794	-99.489	-72.100	<0.001
	pre vs. POD 1	-97.980	-112.800	-83.157	<0.001
	pre vs. POD 3	-110.390	-125.590	-95.185	<0.001
<i>Time x Group</i>	Overall Trend Test	1.003	20.500	32.528	0.818
	Group 30% vs. 80% pre	-7.009	-32.518	18.500	0.590
	Group 30% vs. 80% 2h post	14.243	-13.215	41.700	0.309
	Group 30% vs. 80% POD 1	-21.596	-51.396	8.205	0.155
	Group 30% vs. 80% POD 3	-21.260	-51.465	8.946	0.167
	Group 30% pre vs. 2h post	-96.485	-115.860	-77.105	<0.001
	Group 30% pre vs. POD 1	-90.103	-111.470	-68.733	<0.001
	Group 30% pre vs. POD 3	-116.940	-138.670	-95.222	<0.001
	Group 80% pre vs. 2h post	-75.233	-94.494	-55.972	<0.001
	Group 80% pre vs. POD 1	-104.690	-125.180	-84.203	<0.001
	Group 80% pre vs. POD 3	-104.350	-125.540	-83.163	<0.001
<i>Type of surgery</i>	Laparoscopic vs. Open	-46.450	-68.040	-24.860	<0.001
<i>Time x Type of surgery</i>	Overall Trend Test	-1.643	-10.117	6.832	0.704
<i>Liver</i>	Yes vs. No	7.732	-26.191	41.654	0.654
<i>Colorectal</i>	Yes vs. No	1.187	-24.375	26.750	0.927
<i>Pancreatic</i>	Yes vs. No	50.437	22.120	78.755	<0.001
<i>Renal</i>	Yes vs. No	-42.086	-69.177	-14.995	0.003
<i>Prostatectomy</i>	Yes vs. No	-25.053	-56.165	6.060	0.114
<i>Cystectomy</i>	Yes vs. No	5.792	-29.658	41.241	0.748

<i>Gynaecological</i>	Yes vs No.	44.646	-7.929	97.221	0.096
<i>Other</i>	Yes vs No.	-9.827	-43.576	23.923	0.567
<i>Age</i>		1.674	0.279	3.068	0.019
<i>BMI</i>		-0.260	-2.440	1.919	0.814
<i>Sex</i>	Female vs. Male	25.548	2.931	48.164	0.027
<i>ASA</i>	3,4 vs. 1,2	20.331	-2.855	43.517	0.085
<i>History of Coronary Artery Disease</i>	Yes vs. No	0.2205	-24.918	25.359	0.986
<i>History of Peripheral Artery Disease</i>	Yes vs. No	47.752	19.162	76.342	0.001
<i>History of stroke</i>	Yes vs. No	12.031	-27.374	51.435	0.548
<i>History of Heart failure</i>	Yes vs. No	-12.321	-54.938	30.296	0.570
<i>Diabetes</i>	Yes vs. No	-1.291	-25.354	22.773	0.916
<i>History of Hypertension</i>	Yes vs. No	-67.306	-106.880	-27.732	0.001
<i>Blood type</i>	0 vs A, B, AB	46.111	23.804	68.418	<0.001
<i>pre ADAMTS</i>		-0.024	-0.141	0.092	0.679

Table S1. The estimated effect sizes, confidence levels (CL) and *p*-values were calculated using univariable regression models. pre, preoperative; 2 h post, within two hours after surgery; POD, postoperative day

Table S2: Multivariable regression model Ristocetin

Variable	Comparison	Effect	lower CL	upper CL	p-value
<i>Time</i>	pre vs. 2h post	-85.774	-99.513	-72.035	<0.001
	pre vs. POD 1	-95.391	-110.220	-80.559	<0.001
	pre vs. POD 3	-108.000	-123.240	-92.771	<0.001
<i>Type of surgery</i>	Laparoscopic vs Open	-38.570	-60.868	-16.273	<0.001
<i>Age</i>		2.087	0.808	3.366	0.002
<i>Sex</i>	Female vs. Male	28.671	8.148	49.194	0.006
<i>History of Peripheral Artery Disease</i>	Yes vs. No	39.979	13.043	66.915	0.004
<i>History of Hypertension</i>	Yes vs. No	-64.034	-102.010	-26.056	0.001
<i>Blood type</i>	0 vs A, B, AB	43.726	23.585	63.867	<0.001
<i>Pancreatic surgery</i>	Yes vs. No	19.136	-8.436	46.708	0.173
<i>Renal surgery</i>	Yes vs. No	-10.750	-38.968	17.469	0.454

Table S2. The estimated effect sizes, confidence levels (CL) and *p*-values were calculated using multivariable regression models (with random factor patient). pre, preoperative; 2 h post, within two hours after surgery; POD, postoperative day