

Supplemental digital content 2

Results of the second sensitivity analysis

Postoperative outcomes

	Intervention group n=169	Reference group n=507	odds ratio (95%CI)	p-value
Blood loss >500 mL first 12 h	79 (46.7)	290 (57.2)	0.67 (0.47;0.97)	0.032
Early reexploration for bleeding /tamponade	4 (2.4)	23 (4.5)	0.49 (0.17;1.44)	0.196
Late intervention for tamponade	4 (2.4)	6 (1.2)	1.84 (0.47;7.31)	0.384
Stroke	5 (3.0)	16 (3.2)	0.95 (0.33;2.74)	0.924
Myocardial infarction	25 (14.8)	57 (11.2)	1.41 (0.84;2.35)	0.195
Patients with postoperative infection	35 (20.7)	88 (17.4)	1.24 (0.79;1.95)	0.359
• Mediastinitis	2 (1.2)	1 (0.2)	7.29 (0.68;78.0)	0.101
• Superficial wound infection	1 (0.6)	2 (0.4)	1.28 (0.11;14.4)	0.840
• Pneumonia	4 (2.4)	13 (2.6)	0.88 (0.28;2.76)	0.820
• Sepsis	11 (6.5)	23 (4.5)	1.47 (0.69;3.11)	0.317
• Other infections	27 (16.0)	62 (12.2)	1.36 (0.81;2.29)	0.239
SIRS	13 (7.7)	25 (4.9)	1.33 (0.63;2.83)	0.451
Shock	28 (16.6)	67 (13.2)	1.25 (0.74;2.10)	0.399
CVVH de novo	9 (5.3)	19 (3.7)	1.12 (0.45;2.83)	0.805
Multi organ failure	7 (4.1)	16 (3.2)	1.07 (0.39;2.93)	0.902
In hospital mortality	7 (4.1)	13 (2.6)	1.31 (0.47;3.61)	0.605
Composite endpoint	34 (20.1)	89 (17.6)	1.17 (0.74;1.85)	0.511
Ventilation >11h	92 (54.4)	227 (44.8)	1.52 (1.06;2.19)	0.024
ICU length of stay >26h	95 (56.2)	235 (46.4)	1.49 (1.04;2.15)	0.030
Vasoactive drugs	139 (82.2)	374 (73.8)	1.63 (1.04;2.57)	0.035
RBC transfusion in ICU	75 (44.4)	172 (33.9)	1.62 (1.11;2.36)	0.012
FFP transfusion in ICU	29 (17.2)	37 (7.3)	2.74 (1.52;4.94)	0.001
Platelet transfusion in ICU	72 (42.6)	22 (4.3)	19.9 (10.6;37.2)	<0.001

The results of the second sensitivity analysis in which the logistic regression was adjusted for the covariate “EuroSCORE” besides for “cellsaver blood returned or not” and “nadir intraoperative hemoglobin”. The absolute numbers and percentages of patients in the intervention and the reference group are given, the regression derived odds ratios with 95% confidence interval and p-values.

CI confidence interval; CVVH Continuous Venovenous Hemofiltration; FFP fresh frozen plasma; ICU Intensive Care Unit; RBC red blood cell; SIRS systemic inflammatory response syndrome