

	Flow adhesion	Aggregometry	Receptor density	sGPVI
	n=14	n=20	n=15	n=30
Patient characteristics				
Age, years	55 (35-63)	40 (30-54)	44 (22-57)	43 (30-56)
Male, n (%)	11 (79%)	15 (75%)	11 (73%)	25 (83%)
Injury to sample time, minutes	106 (93-115)	107 (94-115)	96 (82-108)	108 (103-115)
Admission Physiology				
Heart rate, beats/min	108 (59-120)	110 (81-121)	107 (73-120)	108 (67-119)
sBP, mmHg	122 (64-133)	112 (95-143)	116 (89-127)	116 (63-141)
Lactate, mmol/L	2.4 (1.9-7.0)	2.8 (1.6-5.6)	3.4 (2.6-7.2)	3.5 (1.7-6.3)
Base Deficit, mmol/L	5.0 (2.5-12.8)	4.5 (2.5-15.0)	4.9 (3.6-11.7)	4.9 (1.6-14.5)
Glasgow Coma Score	8 (3-15)	12 (3-15)	9 (5-15)	13 (3-15)
Injury characteristics				
Blunt mechanism, n (%)	13 (93%)	18 (90%)	12 (80%)	25 (83%)
Injury Severity Score	37 (22-42)	36 (12-43)	34 (19-43)	34 (15-41)
AIS Head & Neck	1 (0-4)	0 (0-5)	0 (0-5)	0 (0-4)
AIS Thorax	3 (3-4)	3 (0-4)	3 (0-4)	3 (0-4)
AIS Abdomen	2 (0-3)	0 (0-2)	2 (0-4)	2 (0-3)
AIS Extremity and Pelvis	3 (0-4)	2 (0-4)	3 (0-3)	3 (0-4)
Fluid & Blood products				
Pre-baseline crystalloid, ml	0 (0-450)	0 (0-250)	0 (0-450)	0 (0-500)
Pre-baseline PRBC, units	1 (0-4)	1 (0-3)	0 (0-2)	1 (0-3)
24hr PRBC, units	3 (0-7)	4 (0-14)	3 (0-4)	3 (0-15)
Outcomes				
ICU length of stay, days ¹	12 (2-14)	11 (1-14)	9 (5-17)	6 (2-14)
Hospital length of stay, days ¹	55 (8-61)	40 (9-58)	25 (9-43)	28 (8-58)
Ventilator days	4 (1-10)	2 (1-9)	4 (0-11)	1 (1-8)
Vasopressor days	4 (1-6)	1 (0-8)	4 (0-7)	1 (0-6)
MODS, n (%) ²	8 (57%)	11 (55%)	9 (60%)	14 (47%)
28-day mortality, n (%)	5 (36%)	7 (35%)	4 (27%)	11 (37%)
Days to death	1 (1-13)	1 (1-8)	2 (1-12)	1 (1-6)

¹ Survivors only

² Sequential organ failure assessment (SOFA) score ≥ 6 on at least 2 consecutive days

Supplemental Table 1: Characteristics of trauma patients in individual experimental group. Data are reported as median with interquartile range unless stated. Some patients are included in more than one group. sBP, systolic blood pressure; AIS, abbreviated injury score; PRBC, packed red blood cells; ICU, Intensive care unit; MODS, multiple organ dysfunction syndrome.