Supplementary table 1. Demography for all subgroups

Characteristics of patients	IL-6 High	IL-6 Low	Syndecan-1 High	Syndecan-1 Low	CRP High	CRP Low	Pro-BNP High	Pro-BNP Low	Troponin-T High	Troponin-T Low
	n = 17 (41 %)	n = 25 (59%)	n = 19 (45 %)	n = 23 (55 %)	n = 17 (41 %)	n = 25 (59 %)	n = 16 (39 %)	n = 26 (61 %)	n = 18 (43 %)	n = 24 (57 %)
Age, years, mean (SD)	67 (16)	63 (14)	65 (13)	64 (16)	65 (11)	65 (17)	69 (9)	62 (17)	60 (12)	68 (16)
Male sex, no (%)	15 (88)	20 (80)	16 (84)	19 (82)	14 (82)	21 (84)	13 (81)	22 (84)	16 (88)	19 (79)
Body mass index, mean (SD)	30 (10)	26 (4)	29 (10)	27 (4)	28 (10)	27 (4)	26 (4)	29 (9)	26 (4)	29 (9)
CCI, points, median (IQR)	4 (2)	3 (2)	3 (2)	3 (3)	3 (3)	4 (4)	4 (2)	3 (3)	3 (3)	4 (3)
Witnessed cardiac arrest, no. (%)	15 (88)	19 (76)	17 (89)	17 (74)	14 (82)	20 (80)	15 (93)	19 (73)	15 (83)	19 (79)
Bystander CPR, no (%)	16 (94)	21 (86)	17 (89)	20 (87)	14 (82)	23 (92)	14 (88)	23 (88)	14 (77)	23 (96)
Time[1] to ACLS, min, median (IQR)	10 (9)	11 (12)	10 (13)	11 (9)	10 (8)	11 (13)	11 (8)	10 (12)	11 (13)	10 (8)
Shockable initial rhythm, no. (%)	15 (88)	16 (64)	15 (79)	16 (69)	14 (82)	17 (68)	13 (81)	18 (69)	16 (89)	15 (62)
Time[1] to ROSC, min., median (IQR)	26 (16)	26 (16)	26 (16)	24 (16)	29 (13)	23 (16)	26 (20)	24 (15)	30 (13)	20 (15)
Presumed cardiac etiology, no. (%)	15 (88)	19 (76)	16 (84)	18 (78)	15 (88)	19 (76)	15 (93)	19 (73)	17 (94)	17 (71)
Circulatory shock in ER [2], no. (%)	7 (41)	11 (44)	7 (37)	11 (48)	8 (47)	10 (40)	5 (31)	13 (56)	10 (55)	8 (33)
Certain pulmonary aspiration, no. (%)	5 (29)	4 (16)	5 (26)	4 (17)	5 (29)	4 (16)	2 (13)	7 (27)	2 (11)	7 (29)
Time[1] to ICU admission, min, median (IQR)	142 (46)	128 (65)	130 (56)	147 (66)	142 (39)	127 (58)	139 (117)	131 (46)	139 (84)	125 (58)
Initial pH, median (IQR)	7.24 (0.09)	7.21 (0.25)	7.24 (0.23)	7.23 (0.27)	7.20 (0.23)	7.24 (0.13)	7.26 (0.26)	7.20 (0.22)	7.24 (0.23)	7.24 (0.23)
Initial base excess, mmol/L, median (IQR)	-7.6 (-5)	-13 (-8)	-11 (-8)	-9 (-8)	-11 (-11)	-9 (-7)	-9 (-7)	-11 (-9)	-11 (-6)	-9 (-10)
Initial lactate level, mmol/L, median (IQR)	5 (4)	8 (8)	7 (9)	5 (7)	6 (8)	6 (6)	4 (6)	7 (8)	5 (5)	7 (9)
SAPS 2, score, mean (SD)	72 (11)	65 (13)	70 (10)	66 (14)	66 (11)	69 (14)	69 (10)	64 (14)	65 (12)	70 (13)
PCI, no (%)	8 (47)	9 (36)	9 (47)	8 (35)	9 (53)	8 (32)	5 (31)	12 (46)	13 (72)	4 (17)

Supplementary table 1. (Continued)

Characteristics of patients	IL-6		Syndecan-1		CRP		Pro-BNP		Troponin-T	
	High	Low	High	Low	High	Low	High	Low	High	Low
	n = 17 (41 %)	n = 25 (59%)	n = 19 (45 %)	n = 23 (55 %)	n = 17 (41 %)	n = 25 (59 %)	n = 16 (39 %)	n = 26 (61 %)	n = 18 (43 %)	n = 24 (57 %)
LVEF ≥40 %, n (%)	11 (65)	19 (36)	14 (73)	16 (69)	12 (70)	18 (72)	9 (56)	21 (80)	14 (77)	16 (66)
LVFS, %, mean (SD)	25 (11)	29 (10)	27 (11)	28 (11)	25 (11)	29 (10)	22 (11)	31 (8)	29 (9)	26 (11)
WMSI, score, median (IQR)	1.3 (0.8)	1.6 (0.7)	1.6 (0.7)	1.4 (0.7)	1.3 (0.8)	1.6 (0.7)	1.8 (0.5)	1.2 (0.8)	1.4 (0.6)	1.8 (0.85)
LVOT-VTI, cm, mean (SD)	16 (5)	17 (4)	15 (5)	17 (4)	16 (4)	17 (5)	14 (3)	18 (4)	17 (4)	16 (4)
TAPSE, mm, mean (SD)	16 (4)	20 (4)	18 (4)	19 (4)	17 (4)	20 (5)	17 (4)	20 (4)	19 (4)	18 (4)
Days in ICU, median (IQR)	11 (8)	6 (7)	10 (12)	7 (9)	10 (7)	5 (9)	12 (7)	6 (8)	11 (8)	6 (9)
Days in hospital, median (IQR)	19 (11)	11 (10)	16 (17)	12 (17)	15 (17)	13 (16)	18 (20)	11 (15)	16 (19)	12 (15)
30-days mortality, no. (%)	4 (23)	11 (44)	7 (37)	8 (35)	6 (35)	9 (36)	5 (31)	10 (38)	4 (22)	11 (46)

[1] Time from emergency call to event.

[2] Systolic blood pressure <90 mmHg or in need of fluids and/or vasopressors to maintain systolic blood pressure >90 mmHg.

ACLS: advanced cardiovascular life support; CCI: Charlson comorbidity index ; CPR: cardiopulmonary resuscitation; ER: emergency room; IQR: interquartile range; LVEF: left ventricular ejection fraction; LVFS: left ventricular fractional shortening; LVOT-VTI: left ventricular outflow tract velocity time integral; PCI: percutaneous coronary intervention; ROSC: return of spontaneous circulation; SAPS: Simplified Acute Physiology Score; SD: standard deviation; TAPSE: tricuspid annular plane systolic excursion; WMSI: wall motion score index.