

Table 2. Laboratory results and organ function during first week in the intensive care unit (ICU)

Laboratory tests	Laboratory results						
	Day 1 ICU	Day 2 ICU	Day 3 ICU	Day 4 ICU	Day 5 ICU	Day 6 ICU	Day 7 ICU
Haemoglobin (g/dL)	12.5 (11.9–13.7)	11.8 (10.5–13.4)	11.6 (10.8–13.2)	10.6 (10.3–13.7)	10.5 (9.7–13.1)	9.6 (9.5–13.2)	10.5 (10.5–13.3)
White cell count ($\times 10^9/L$)	8.3 (4.6–12.5)	7.5 (5.5–9.0)	7.8 (5.6–10.7)	8.0 (5.4–9.8)	7.4 (6.5–12.0)	7.4 (5.8–14.5)	10.5 (6.2–17.9)
Neutrophil ($\times 10^9/L$)	7.3 (3.4–11.4)	4.4 (5.8–7.7)	6.2 (4.1–9.5)	6.8 (3.9–8.0)	6.2 (4.9–9.9)	6.2 (5.0–12.3)	9.1 (5.3–15.6)
Lymphocyte ($\times 10^9/L$)	0.6 (0.5–.85)	0.8 (0.6–1.1)	0.9 (0.4–1.3)	0.9 (0.7–1.2)	0.9 (0.7–1.5)	0.9 (0.5–1.2)	1.1 (0.4–1.4)
Platelet ($\times 10^9/L$)	227 (189–239)	228 (202–275)	232 (193–311)	245 (205–351)	275 (211–351)	269 (194–343)	273 (236–390)
PT (s)	12.4 (12.1–13.4)	12.7 (12.1–13.1)	13.3 (11.9–13.7)	12.4 (11.7–12.6)	12.8 (12.1–13.7)	13.1 (12.8–14.3)	13.4 (12.8–15.6)
APTT (s)	33.7 (33.1–34.8)	34.1 (32.4–37.9)	36.9 (32.3–45.7)	33.8 (31.2–38.8)	34.4 (31.7–37.1)	35.8 (33.7–38.5)	34.1 (32.8–40.4)
INR	1.1 (1.1–1.2)	1.1 (1.1–1.2)	1.2 (1.1–1.2)	1.1 (1.1–1.2)	1.2 (1.1–1.2)	1.2 (1.2–1.2)	1.2 (1.1–1.3)
Creatine kinase (U/L)	97 (33–179)	66 (31–141)	105 (24–436)	120 (15–534)	240 (37–882)	242 (38–1502)*	137 (106–813)*
Lactate dehydrogenase (U/L)	406 (336–678)	445 (324–593)	427 (304–563)	363 (270–444)	366 (227–489)	368 (250–407)	347 (255–397)
Bilirubin ($\mu\text{mol/L}$)	11 (7–20)	11 (8–19)	18 (17–20)	18 (10–31)	21 (16–37)	39 (17–103)	61 (30–150)
ALT (IU/L)	45 (33–62)	51 (34–79)	44 (36–83)	42 (33–74)	50 (36–88)	62 (33–93)	68 (28–77)
Urea (mmol/L)	5.6 (4.7–8.5)	7.0 (4.6–9.7)	10.9 (3.7–12.3)	10.3 (8.1–13.3)	9.6 (8.8–15.0)	9.4 (6.5–12.8)	7.5 (6.9–12)
Creatinine ($\mu\text{mol/L}$)	63 (46–110)	72 (55–163)	61 (49–252)	66 (55–243)	68 (49–250)	76 (49–254)	78 (49–236)
CRP (mg/L)	93–340*	80–350*	10–243*	na	na	na	na
Procalcitonin (ng/mL)	0.08–1.49*	na	0.11–0.29*	10.36–27.96*	< 0.05–26.33*	0.22–6.45*	0.57–2.8*
Lactate (mmol/L)	1.1 (1.0–1.9)	1.3 (1.1–1.7)	1.7 (1.0–2.3)	1.7 (1.4–2.0)	1.8 (1.5–2.3)	2.4 (1.4–2.7)	2.1 (1.7–6.1)
Organ function							
Pao ₂ /Fio ₂ ratio (mmHg)	183 (144–237)	187 (154–212)	200 (141–244)	211 (155–346)	216 (154–302)	191 (157–212)	150 (121–311)
Norepinephrine ($\mu\text{g/kg/min}$)	0.01 (0–0.07)	0.06 (0.01–0.10)	0.5 (0.01–0.19)	0.04 (0.01–.13)	0.05 (0.00–0.12)	0.05 (0.00–0.13)	0.03 (0.00–0.07)
Fluid balance (mL/day)	–152 to 789*	–285 (–731 to 564)	630 (72–1612)	974 (–249 to 1382)	227 (–381 to 335)	302 (–593 to 736)	–205 (–521 to 739)
SOFA score	6 (4–7)	7 (4–8)	7 (4–9)	7 (3–9)	8 (3–10)	9 (6–12)	8 (6–12)

ALT = alanine transaminase; APTT = activated partial thromboplastin time; CRP = C-reactive protein; Fio₂ = fraction of inspired oxygen; INR = international normalised ratio; na = not applicable; Pao₂ = arterial partial pressure of oxygen; PT = prothrombin time; SOFA = Sequential Organ Failure Assessment. All values are expressed as median (interquartile range) unless otherwise specified. * Range.